

**High-grade hospital furniture and appliances : Catalogue of Department V : comprising operating tables, cabinets, stands, beds, sterilizers, gauze, cotton and surgical supplies : manufactured by Max Woher & Son.**

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MAX WOCHER & SON

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INSTRUMENT  
MAKERS

CINCINNATI, O. U.S.A.

DEPARTMENT V  
HOSPITAL SUPPLIES

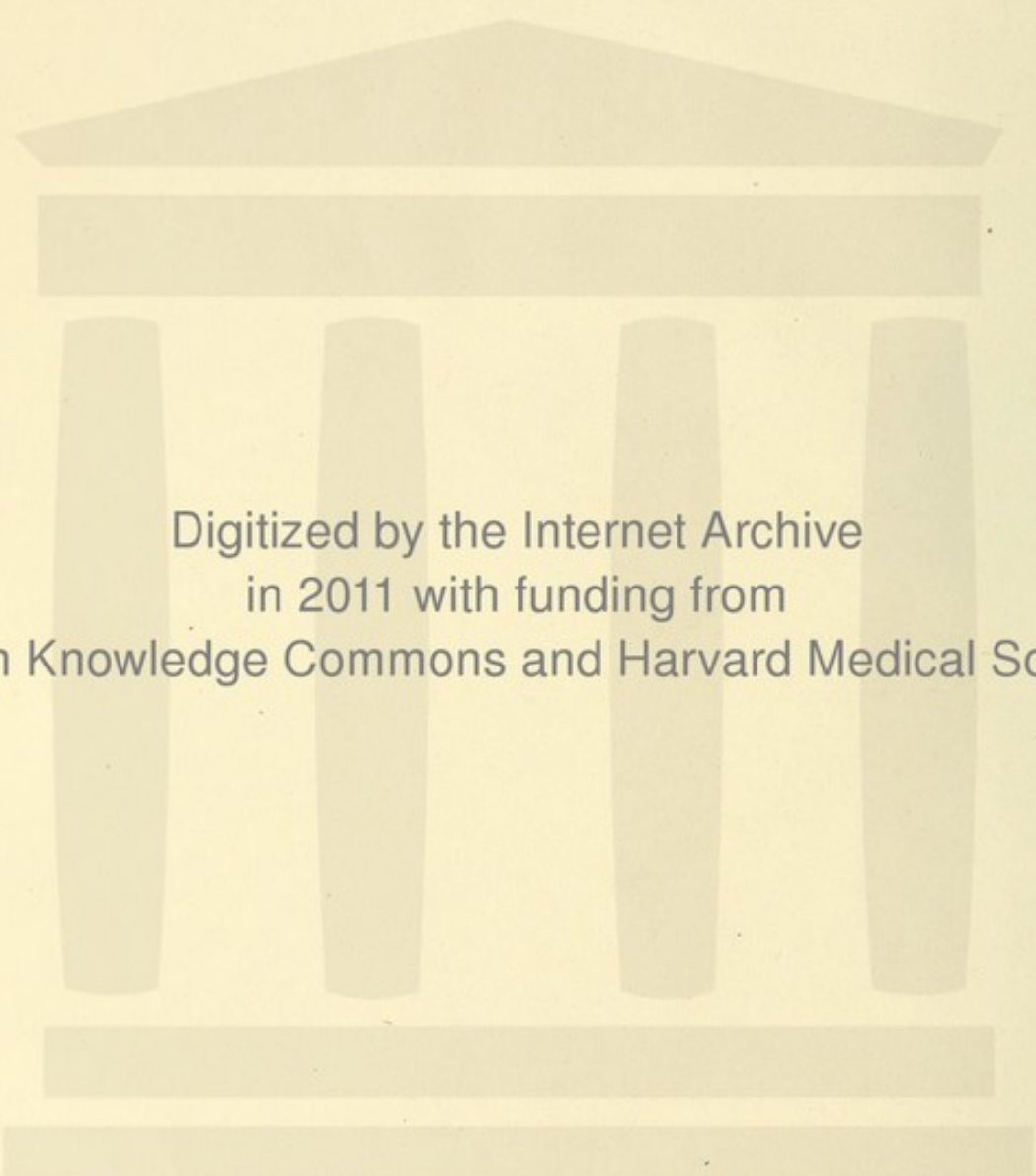


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# HIGH-GRADE Hospital Furniture and Appliances

CATALOGUE OF DEPARTMENT V.

COMPRISING  
OPERATING TABLES,  
CABINETS, STANDS,  
BEDS, STERILIZERS,  
GAUZE, COTTON AND  
SURGICAL SUPPLIES.

SEVENTH EDITION.

MANUFACTURED BY

**Max Wocher & Son,**  
Surgical Instrument Makers,  
19-21-23 West Sixth Street,  
CINCINNATI, O., U.S.A.







## The Oldest and Largest Surgical Supply House

Established 1837

Our Long Successful Business Career  
is a Guarantee of Square Dealing.



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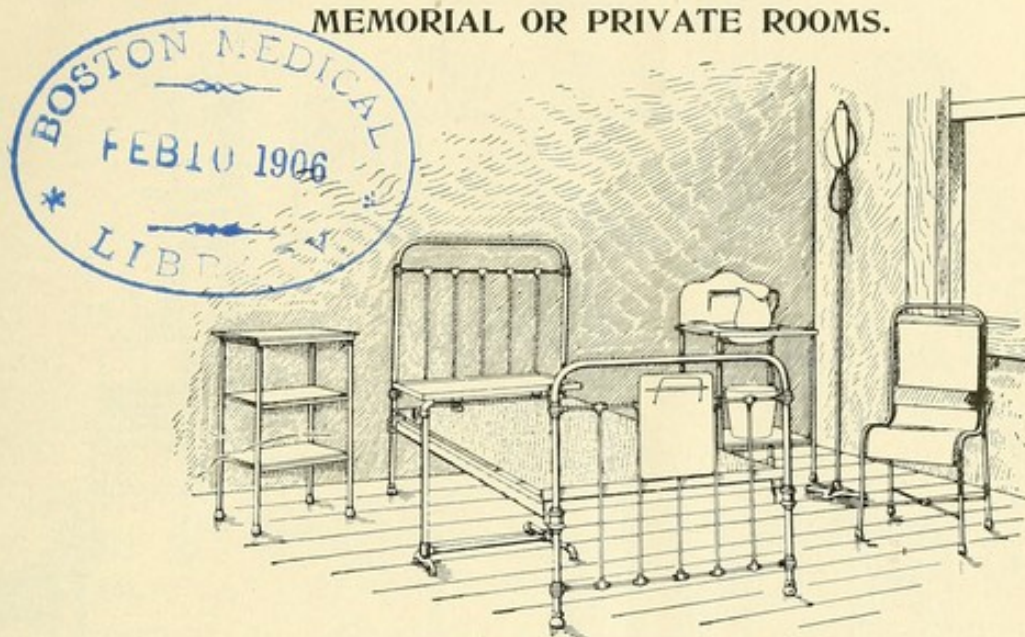
Deformity Apparatus, Invalid Chairs, Medicine Cases, Saddle Bags, Electrical Apparatus Ear Trumpets, Spray Apparatus, X-Ray Apparatus, and Surgical Instruments of all description.



# HOSPITAL EQUIPMENTS.

We Furnish Hospitals Complete, Furnish Descriptions of any kind of Beds, Furniture, Sterilizers, Kitchen and Laundry Machinery, etc.

MEMORIAL OR PRIVATE ROOMS.



## CONTENTS ROOM No. 1.

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 1 Hospital Bed, Spring Mattress.  | 1 Temperature Chart Holder.      |
| 1 Bedside Table.                  | 1 Wash Stand Complete with Pail. |
| 1 Invalid Food and Reading Table. | 1 Aseptic Chair.                 |
| 1 Fountain Syringe Stand.         |                                  |

Price on application.

## CONTENTS HOSPITAL ROOM No. 2.

- |   |                              |
|---|------------------------------|
| 1 Hospital Bed with Spring Mattress.  | 1 Aseptic Chair.             |
| 1 Bedside Locker or Table.  | 1 Commode Aseptible.         |
| 1 Invalid Food and Reading Table.   | 2 White Enameled Urinals.    |
| 1 Fountain Syringe Stand.   | 1 White Enameled Bed Pan.    |
| 1 Temperature Chart Holder.   | 2 Yards White Sheetting.     |
| 1 Wash Stand with Mirror Back, complete<br>with Bowl, Pitcher, Soap Dish and<br>Bucket. | 1 Fountain Syringe, 3-quart. |
|   | 1 Water Bottle, 3-quart.     |

Price on application.

## CONTENTS FOR A 10 BED HOSPITAL WARD.

- |   |                               |
|---|-------------------------------|
| 10 Hospital Beds with Spring Mattresses.  | 10 Temperature Chart Holders. |
| 5 Bedside Lockers or Tables.              | 1 Bed Pan and Urinal Rack.    |
| 5 Wash Stands Complete with Pails.        | 4 Bed Pans and 4 Urinals.     |
| 5 Invalid Food and Reading Tables.        | 1 Medicine Cabinet.           |
| 2 Fountain Syringe Stands.                | 1 Nurse's Table.              |
| 1 Surgical Dressing and Irrigating Wagon. | 5 W. E. Chairs.               |
| 1 Debris Tank.                            |                               |

Price on application.

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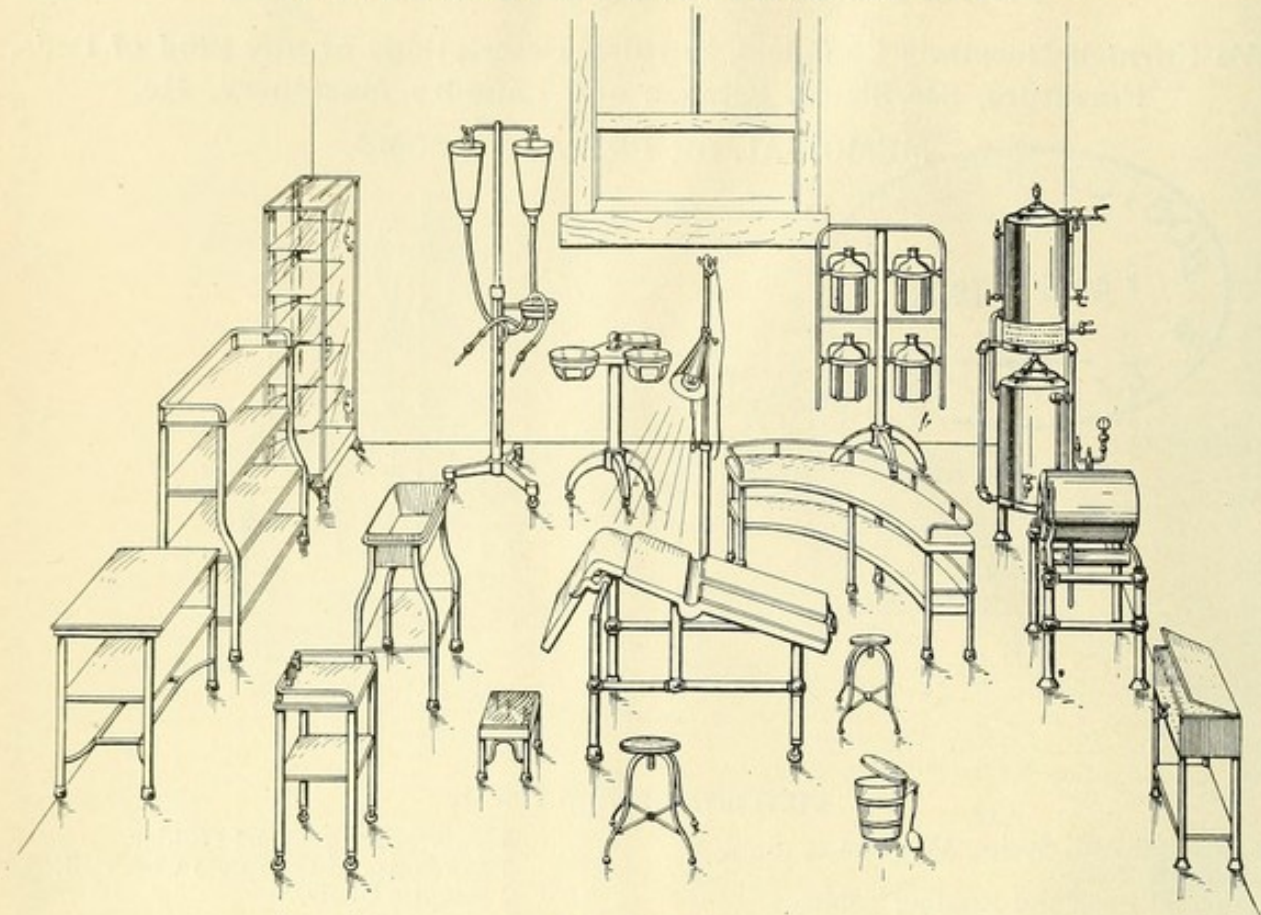
Manufacturers and Exporters of

## HOSPITAL AND OFFICE FURNITURE, Surgical Instruments, Rubber, Goods, etc.

19 to 23 West Sixth Street, - CINCINNATI, OHIO.



## A MODERN OPERATING ROOM.



### CONTENTS.

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| 1 Hall-Baldwin Operating Table.   | 1 Arm Immersion Stand.           |
| 1 Operator's High four-leg Stool. | 1 Anesthesia Table with Bottles. |
| 1 Anesthesia Low four-leg Stool.  | 1 Electric Illuminator Stand.    |
| 1 Patient's Glass-top Step Stool. | 1 Round Glass Operating Table.   |
| 1 Instrument Table, 20 x 30.      | 1 Four-bottle Solution Stand.    |
| 1 Dressing Wall Stand.            | 1 Water Sterilizer and Filter.   |
| 1 Glass Instrument Cabinet.       | 1 Dressing Sterilizer.           |
| 1 Double Irrigator Stand.         | 1 Debris Bucket.                 |
| 1 Triple Bowl Stand.              |                                  |

Double pressure Water Sterilizers are often substituted instead of the one shown, at an advance in price. Price on application.

### CONTENTS OF A SMALL OPERATING ROOM.

- |   |   |
|---|---|
| 1 Plain Hall-Baldwin or Buchanan Operating Table. | 1 Instrument Cabinet.   |
| 1 Operator Stool.                                 | 1 Double Irrigator and Immersion Stand.                             |
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Price on application.

### ADDITIONAL HOSPITAL NECESSITIES.

- |   |                                |
|---|--------------------------------|
| 1 Patient Wheel Stretcher.                | Glass Catgut Jars.             |
| Operating Room and Ward Screens.          | Glass Dressing Jars.           |
| 1 Towel Rack.                             | Glass Specimen Jars.           |
| 1 Formaldehyde Disinfector.               | Liquid Soap Jars.              |
| Rubber Sheeting, 3-4, 4-4, 5-4.           | Liquid Soap.                   |
| Rubber Bed Covers.                        | 1 Bandage Roller.              |
| Operating Cushions, 20, 24 inches.        | Doctors' Gowns.                |
| Salt Infusion Apparatus.                  | Doctors' Coats.                |
| Instrument Trays, 9 x 6, 12 x 7, 16 x 9½. | Nurses' Gowns.                 |
| Solution Pitchers, 2, 4, 7 qt.            | Kelly Leg Holders.             |
| Pus Basins, 6, 8, 10, 12 inch.            | 1 Mayo Instrument Tray Holder. |
| Glass Needle Jars.                        | Ward Dressing Carriages.       |

We furnish Operating Rooms from \$25.00 upward, and solicit correspondence.



## THE HALL-BALDWIN OPERATING TABLE

is used by hundreds of prominent Surgeons and Hospitals, and mention a few to whom we refer :

DR. R. B. HALL, Cincinnati, O.

DR. J. F. BALDWIN, Columbus, O.

DR. L. S. McMURTRY, Louisville, Ky.

DR. C. L. BONIFIELD, Cincinnati, O.

DR. W. G. MACDONALD, Albany, N. Y.

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DR. E. G. ZINKE, Maternity Hospital, Cincinnati.

DR. L. E. RUSSELL, Seton Hospital, Cincinnati.

DR. C. E. WALTON, Bethesda Hospital, Cincinnati.

CINCINNATI HOSPITAL, GERMAN HOSPITAL, BETHESDA HOSPITAL, PRESBYTERIAN HOSPITAL, GOOD SAMARITAN HOSPITAL, CHRIST HOSPITAL, LONGVIEW HOSPITAL, MATERNITY HOSPITAL, BETTS STREET HOSPITAL, MITCHELL THOMAS HOSPITAL, CITY AND COUNTY HOSPITALS, ST. PAUL HOSPITAL, ENGLISH MISSIONARY SOCIETY (Two for China Hospitals), ST. JOSEPH HOSPITAL, San Francisco, NANKTON HOSPITAL, Seoul, Korea, *and many others.*

**Dr. J. F. Baldwin, of Columbus, O., the originator of the main features of this table, writes:**

"I am perfectly delighted with the Baldwin Table. This table is manufactured by quite a number of firms in this country, and I have seen quite a variety of tables sold under the Baldwin name, but this table of yours is certainly, in its workmanship, the best I have yet seen. You seem to have the exact idea of what is wanted, and have carried it out to perfection.

Dr. Hall's suggestion, in regard to the rounded angle for the popliteal space, is an excellent one and adds materially to the value of the table.

With kindest regards,

Very truly yours,

J. F. BALDWIN."

**Dr. R. B. Hall, of Cincinnati, writes:**

"I have used the Baldwin Operating Table since it was invented, and had the second table manufactured. I have now in my hospital an improved Baldwin Table, which you made for me, and call the Hall-Baldwin, and am well pleased with it in every respect. It is an ideal table for gynecological work. The workmanship is first class, and has no cog wheels or ratchets to get out of repair. Anyone who wishes a table for the Trendelenberg position, as well as general surgical work, would be delighted with it.

Very truly yours, RUFUS B. HALL."

**Dr. L. S. McMurtry, of Louisville, Ky., writes:**

"Several surgeons visiting my hospital have examined the table and expressed enthusiastic appreciation of its superior advantages. I shall be pleased to refer all interested to you.

Very truly yours, L. S. McMURTRY."



## ASEPTIC FURNITURE.

### THE HALL-BALDWIN GENERAL OPERATING TABLE.

The latest, most practical and strongest table made. Has no ratchets, cogs or mechanism to become disarranged or out of order.

This table combines the most important features embodied in the principal tables now on the market. It is applicable for abdominal and general surgery, rectal and lithotomy work.

**One of the most important new features of the table consists in the design or shape of the top surface.** The head and shoulder end of the table is raised slightly and the center slightly depressed, thereby the abdominal muscles are relaxed during the operation, avoiding tearing apart or flapping, a most important feature not attainable in any other table.

It has also an improved extension drop, which by simple adjustment controlled on either side of table can be brought from the horizontal to the Trendelenberg or bent-knee position and *vice versa* while the patient is on the table, and automatically catching in either position.

On one end two heavy glass plates are set slightly apart and at an inclination toward the center, as on the Tuholski table, which serve a double purpose.

1st. The patient has no direct pressure on the spine as in flat-top tables.

2nd. The space between the plates serves as a drain, as the objection has been made heretofore that the back of the patient becomes wet during the operation in the Trendelenberg position, which is now overcome on this table.

A larger drain is also placed across the center of the table for carrying off the bulk of water, etc., during irrigation of abdominal cavity.

The table is supplied with removable upright leg holders as well as gynæcological stirrups, thus making the most practical, yet simple and convenient operating table.

The table has a full length of 67 inches, is 33 inches high and 20½ inches wide.

Casters are supplied to the operating end, while rubber tips are placed on head end of table.

Price, with a pair of both sets of stirrups as **shown on Fig. 3** .....\$75 00

Price, with a pair of both sets of stirrups and adjustable shoulder braces **shown on cut below**..... 85 00

Price of plain flat iron-top Baldwin Table, with improved drop catches as shown on cut, with one set of Leg Holders..... 50 00

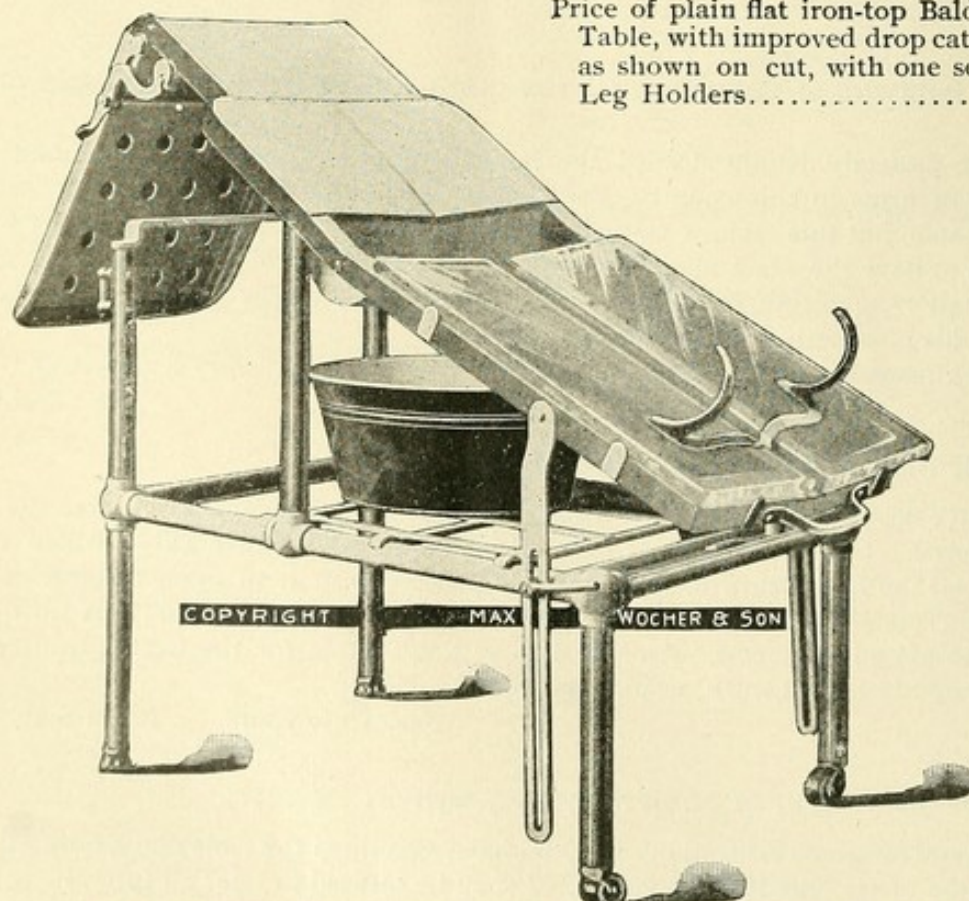


Fig. 1 shows the Hall-Baldwin General Operating Table in the Trendelenberg Position.



## ASEPTIC FURNITURE.

## THE HALL-BALDWIN GENERAL OPERATING TABLE.

Figure 2 shows the full length of the table for general surgical operations.

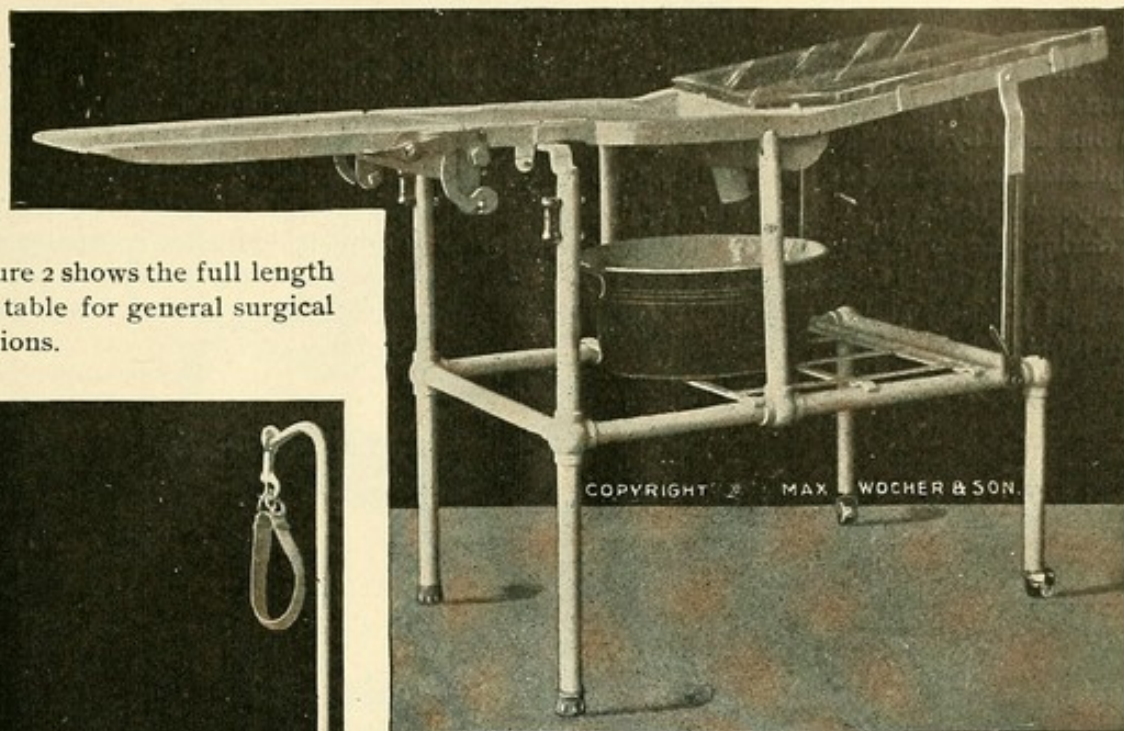


Fig. 2.

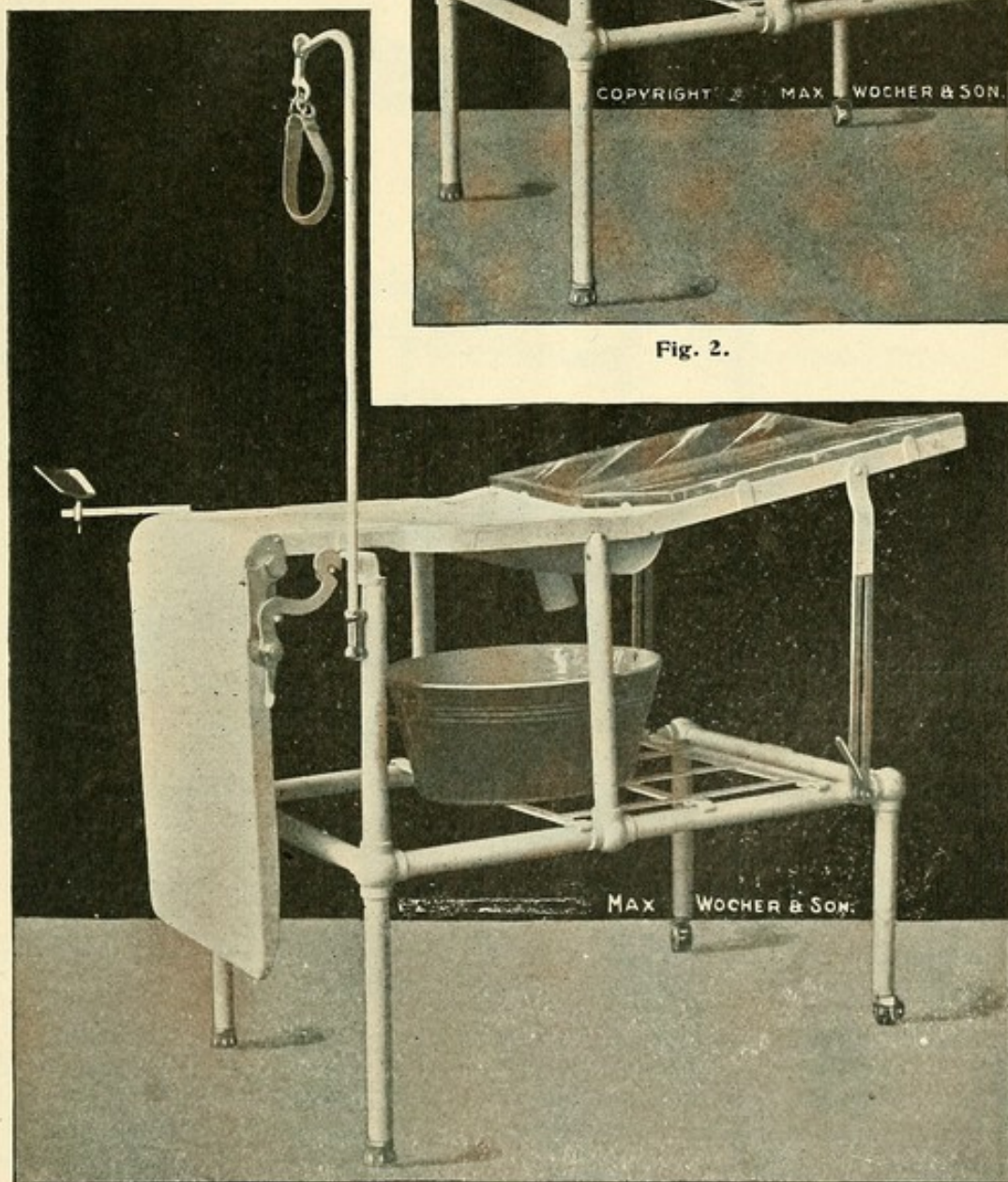


Fig. 3.

Figure 3 shows the table with one upright and one gynæcological stirrup, of which a pair of each are supplied, and illustrates the table as used for gynæcological, lithotomy and rectal surgery.



## ASEPTIC FURNITURE.

### THE No. 5 HALL-BALDWIN GENERAL OPERATING TABLE WITH AUTOMATIC LEG EXTENSION DROP AND ADJUSTABLE HAMMOCK, FOR GALLSTONE, KIDNEY OR STOMACH OPERATIONS.

This table has many improvements above the Hall-Baldwin and regular Baldwin table pattern. It is of new construction, simple in design and the entire mechanism can be controlled with one hand by the anaesthetizer without exertion. It combines all the features found on all complicated tables, and is designed to meet the requirements for all operations. It combines the important feature of a slight drop in the centre of the table to relax all the abdominal muscles during the operation. The leg extension drop has an adjustable feature consisting of a Y adjusted to the cross frame piping of the table, which will automatically straighten out in the horizontal position and automatically assume the Trendelenberg bent posture when the head of the table is dropped.

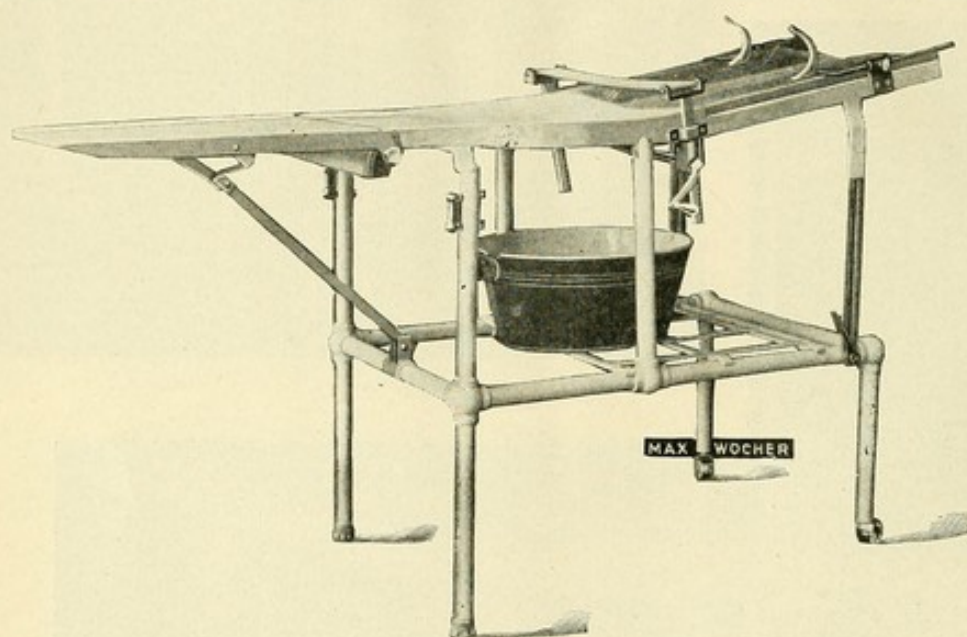


Fig. 1.

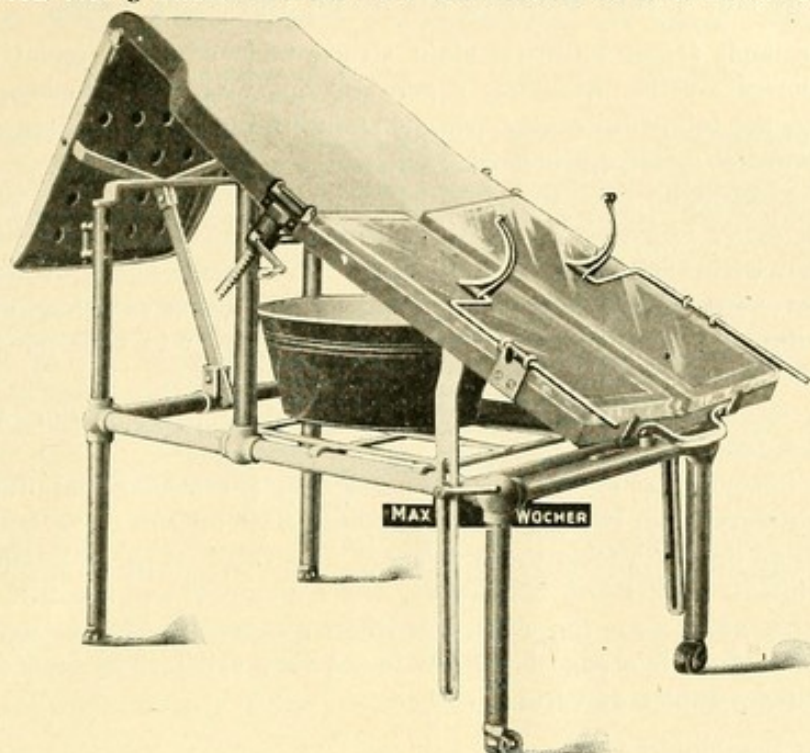
The importance of this will be recognized at once, as it avoids unlocking and setting of the table when patient is on same. When the table is desired for Rectal, Lithotomy or Gynecological use, the Y support is raised, when it will assume the position as shown on Figure 3, or the extension wing can be removed entirely.

The adjustable Hammock for Gall Bladder, Kidney or Stomach operations, which is shown in the elevated position on Figure 1, consists of a heavy removable, washable canvass belt with loop on each end, adjusted to the elevating T supports or a nickel plated bridge (as may be preferred,) which are raised or lowered by a simple adjustable crank and pinion bar of improved mechanism, as used by Drs. Mayo.

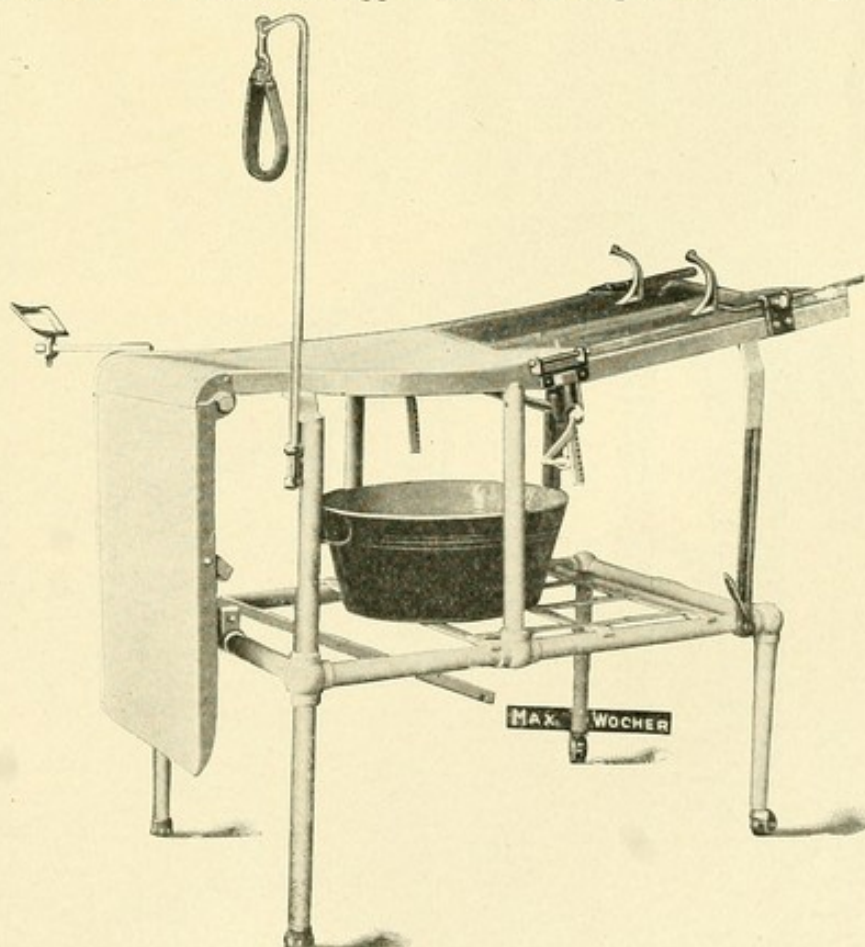
The table is strongly built like a bridge, yet is light and easily handled. It is of high white enameled finish, rubbed and baked and furnished as follows:—

<b>No. 5. Hall-Baldwin Table,</b> with Automatic Leg Extension Drop and supplied with Leg Holders or Gynecological Stirrups.....	\$75.00
<b>No. 5 A</b> —Is the same as No. 5, with Leg Holders and Gynecological Stirrups.....	80.00
<b>No. 5 B</b> —Is the same as No. 5, with Leg Holders and Gynecological Stirrups and Shoulder Braces as shown on Figure 1.....	90.09
<b>No. 5 C</b> —Including all the attachments as described on No. 5 B and has the Gall stone, Stomach and Kidney Hammock attachment.....	120.00
<b>No. 5 D</b> —Is the same as No. 5 C but is made with hard brass, highly polished top .....	150.00
<b>No. 5 E</b> —Is the same as No. 5 D with an Electric Heated Water Bottle attachment under the top surface of the table. Price on application.	



**ASEPTIC FURNITURE.****THE No. 5 HALL-BALDWIN GENERAL OPERATING TABLE.****Fig. 2.**

This illustrates the table in the Trendelenberg bent posture with the Gall Bladder belt removed and also shows the Y automatic support under the Leg Extension Drop.

**Fig. 3.**

This illustrates the table with one of each Leg Holders and Gynæcological Stirrups.



## ASEPTIC FURNITURE.

### The No. 4 Hall-Baldwin All Metal Operating Table.

To meet the demands for an all-metal plain strong table of the original popular Hall-Baldwin pattern shown on the preceding pages, and one which is somewhat less in price, we have constructed the following design which retains the original features and simplicity, but has a white enameled metal top instead of glass.

It consists of a wrought iron frame supporting the *Hall celebrated extension drop*, which has made our tables so popular. The simple Hall adjustment controlled on either side of the table can be brought from the horizontal to Trendelenberg or bent knee position with greatest ease from either side of the table, automatically catching in either position.

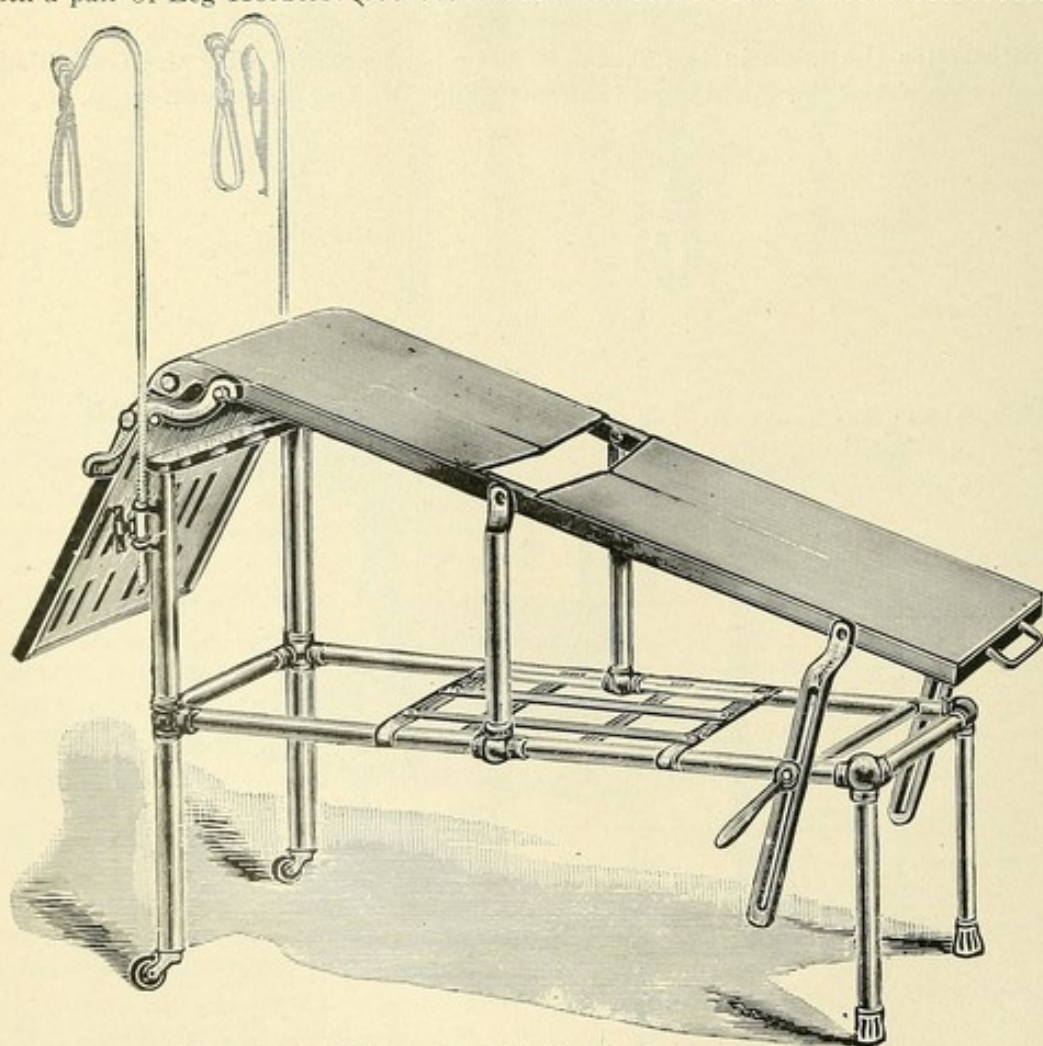
The rounded edges which support the popliteal space when in bent position, is also a marked improvement on our tables.

All chains and catches on all other tables are dispensed with, making our tables less liable to get out of order.

The equipment is somewhat plainer than the original, yet strong and durable and far superior to the many very light, cheap and shaky outfits now on the market.

We recommend as our best table the original as illustrated on the preceding page, which is used by Drs. Baldwin, Hall, Reed, McMurtry, Zinke, Bonifield and hundreds of others. It is now furnished with white glass top slabs, but where a somewhat cheaper design is desired, the pattern as illustrated on this page has been found very satisfactory; in fact, better than many so-called Baldwin Tables of various makes.

Price, with a pair of Leg Holders. . . . . \$50 00



No. 4 Hall-Baldwin All Metal Operating Table.

All instruments designated with a \* are illustrated.



## ASEPTIC FURNITURE.

### EDEBOHLS' OPERATING TABLE AS MODIFIED BY MAX WOCHER & SON,

MAKING IT APPLICABLE FOR GENERAL SURGERY.

The Edebohls' Operating Table was originally made for Gynaecological purposes and abdominal surgery, and did not answer the purpose of the general surgeon. To remedy this defect Dr. Morris modified the original by attaching a straight elongation in addition to the Trendelenburg section. This necessitated two detachable parts or sections composed of heavy iron and glass, making it impracticable and inconvenient to change, especially when patient was in position on the table, as one section had to be removed before the other could be attached.

**The advantage offered by our table lies in the feature that without removing one part and inserting another, but by simple adjustment, it can be brought from the horizontal to the Trendelenburg position and vice versa, even if patient is on the table, by automatically catching in either position.**

An adjustable side platform can be attached on either side at any part of the table for arm or leg operation or for instrument table, also can be attached on end of table for extension making full length of table with extension 80 inches.

For Gynaecological examinations, Lithotomy and Rectal Surgery the upright removable stirrups with foot straps are found of great service. The operating end of our table is made with solid legs supplied with rubber tips while the distal end has castors for conveniently shifting the table.

The facilities for rapid interchange between the Laparotomy, Lithotomy and Surgical position renders the table especially serviceable in the performance of Combined Operations.

Price of the Edebohls' Table as made by Max Wochoer & Son, . \$60 00

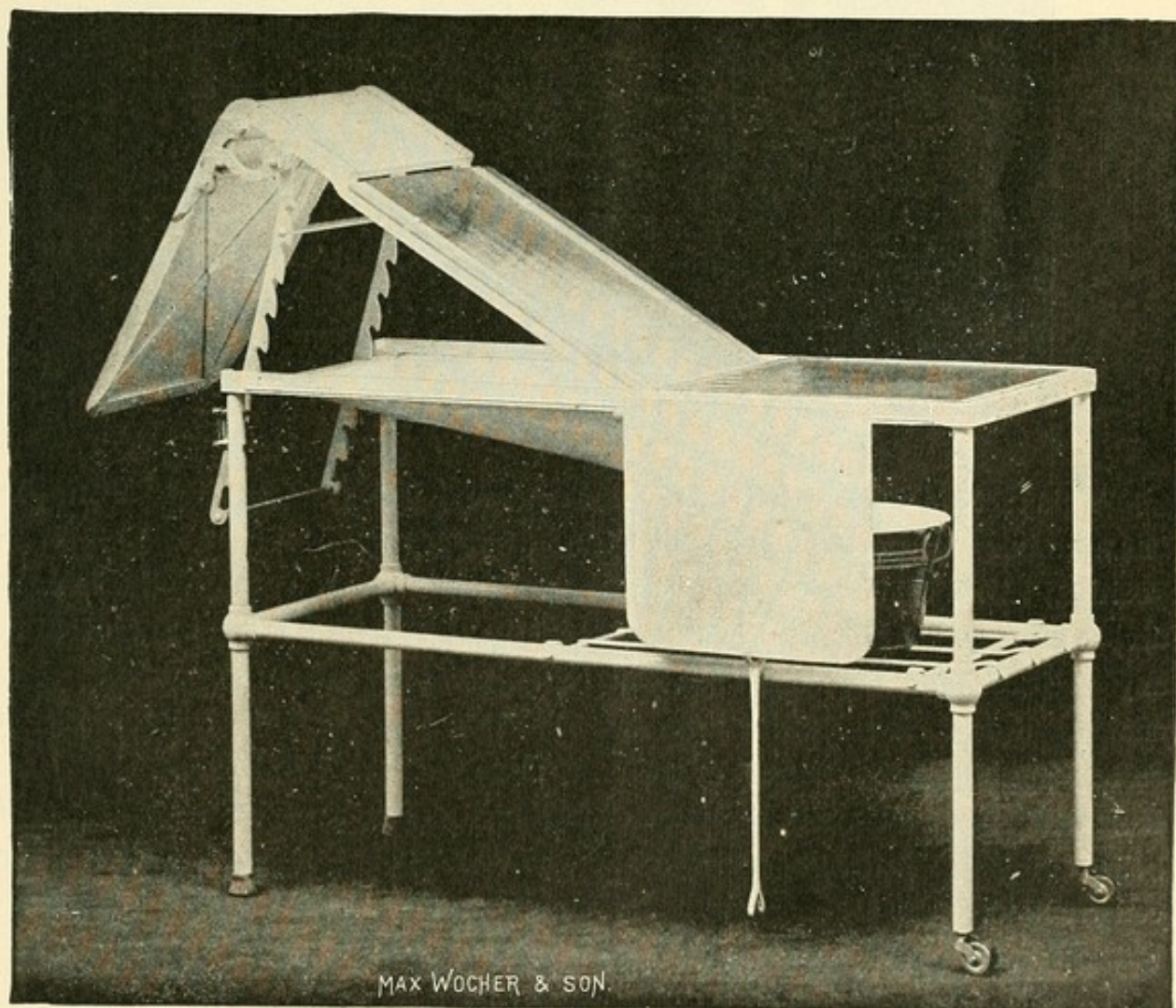
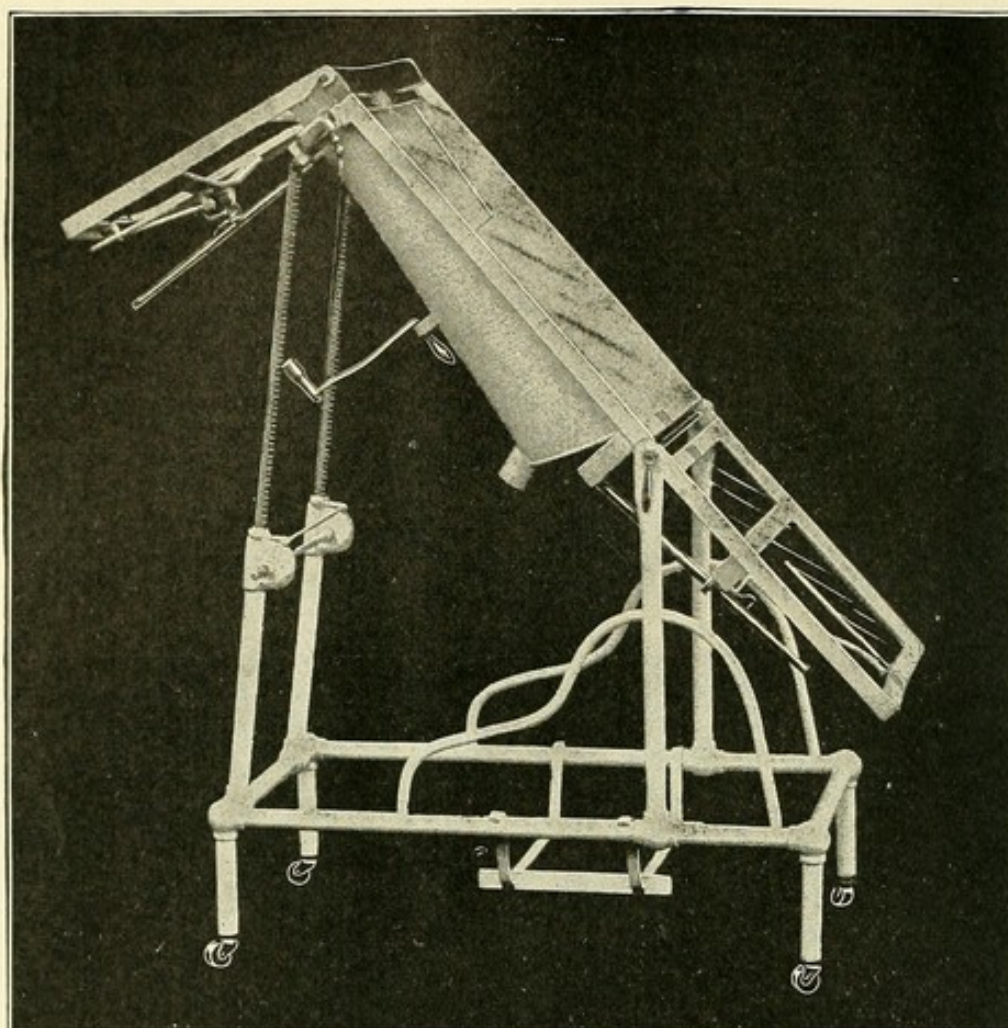


Fig. 1 shows the Edebohls' Improved Table in the Trendelenburg posture.



## ASEPTIC FURNITURE.

### THE 112 OPERATING TABLE.



**TRENDELENBURG POSITION.**

This table is made with heavy iron frame and is white enameled finish. It has a drainage pan underneath, which can be drawn forward for use in the Dorsal position; also a shelf below for a bucket for drainage. The top of the table is divided into three sections. The head section and foot section can be adjusted to any position, and the entire top can be adjusted by means of a crank, thus enabling the operator, with the greatest ease, to adjust the table with the patient on it. The entire top is made of polished plate glass, which is removable. The table is equipped with nickel-plate crutches and rubber-tired casters, the former being adjustable in height and width. The table is very complete and simple in construction. The Dunning Shoulder Braces can also be used on this table.

Dimensions, fully extended, 20x72 inches.

Price (see next page for additional positions).....\$120 00



## ISAACS' OPERATING AND EXAMINING TABLE.

The Isaacs' Operating and Examining Table is especially designed for simplicity and easy manipulation. It is very neat and of solid construction.

The table is built on aseptic principles, all enameled steel. It consists of a central body and head and foot wings. The head wing holds its position automatically wherever placed in raising it; and, by releasing the small lever at its side, it can be lowered to any position. The foot wing, which is detachable, also works automatically, and will hold its position at any angle. The lowering is done by releasing a lever at the end of the foot wing, which frees the ratchet and allows it to be lowered to any position.

For the lithotomy position or gynecological examinations, this foot wing is not needed. It can either be left hanging in place or removed entirely. The central body of the table consists of two leaves slightly inclined toward the centre with an open space between them for drainage. This space broadens out into a U shape in front, allowing freedom in vaginal or rectal examination or instrumentation. Below this space is a gutter, which empties into the drainage pan or bucket.

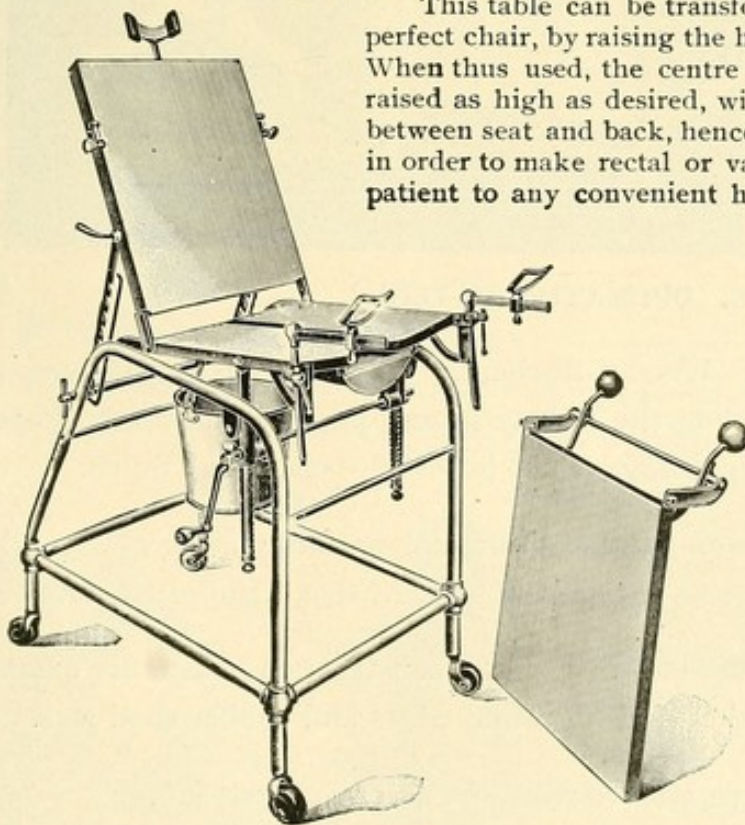
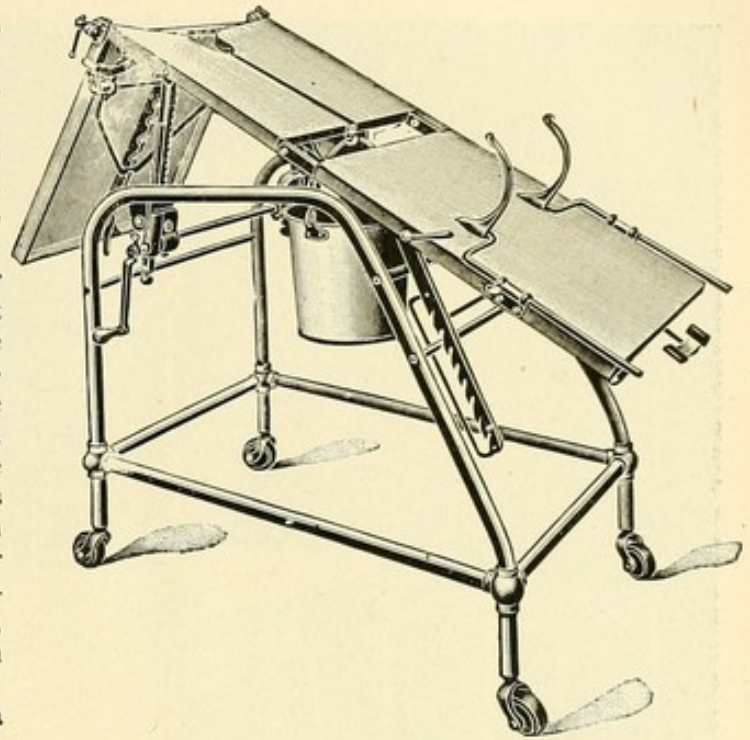
The head piece is shaped with a slight angular depression toward its centre which drains into the same gutter and pan. The gutter can be drawn out, if necessary, to catch the vaginal irrigation, etc., or if not needed for that purpose, can be pushed back out of the way, allowing ample space for instrumentation.

This table can be transformed from an operating table into a perfect chair, by raising the head wing and removing the foot wing. When thus used, the centre body forms the seat, which can be raised as high as desired, without changing the angle or relation between seat and back, hence the physician does not need to stoop in order to make rectal or vaginal examination, but may raise the patient to any convenient height. In irrigating, the seat can be lowered below the horizontal position, thus causing the drainage to flow forward, and not soil the clothing of the patient. This table is arranged with clamps that receive interchangeable gynecological or lithotomy stirrups of any pattern. The head piece is supplied with clamps to receive shoulder supports and a head rest if needed.

An important feature of the table is the arrangement for raising it into, or lowering it from, the Trendelenberg position. Wherever the crank stops, the table stays where it is, no matter how heavy a patient be on it. Moreover, by a system of leverage in the mechanism, the weight of the patient is reduced to about one-tenth, so that in raising or lowering there is

no extra effort required, and with a patient on the table a child could manipulate it.

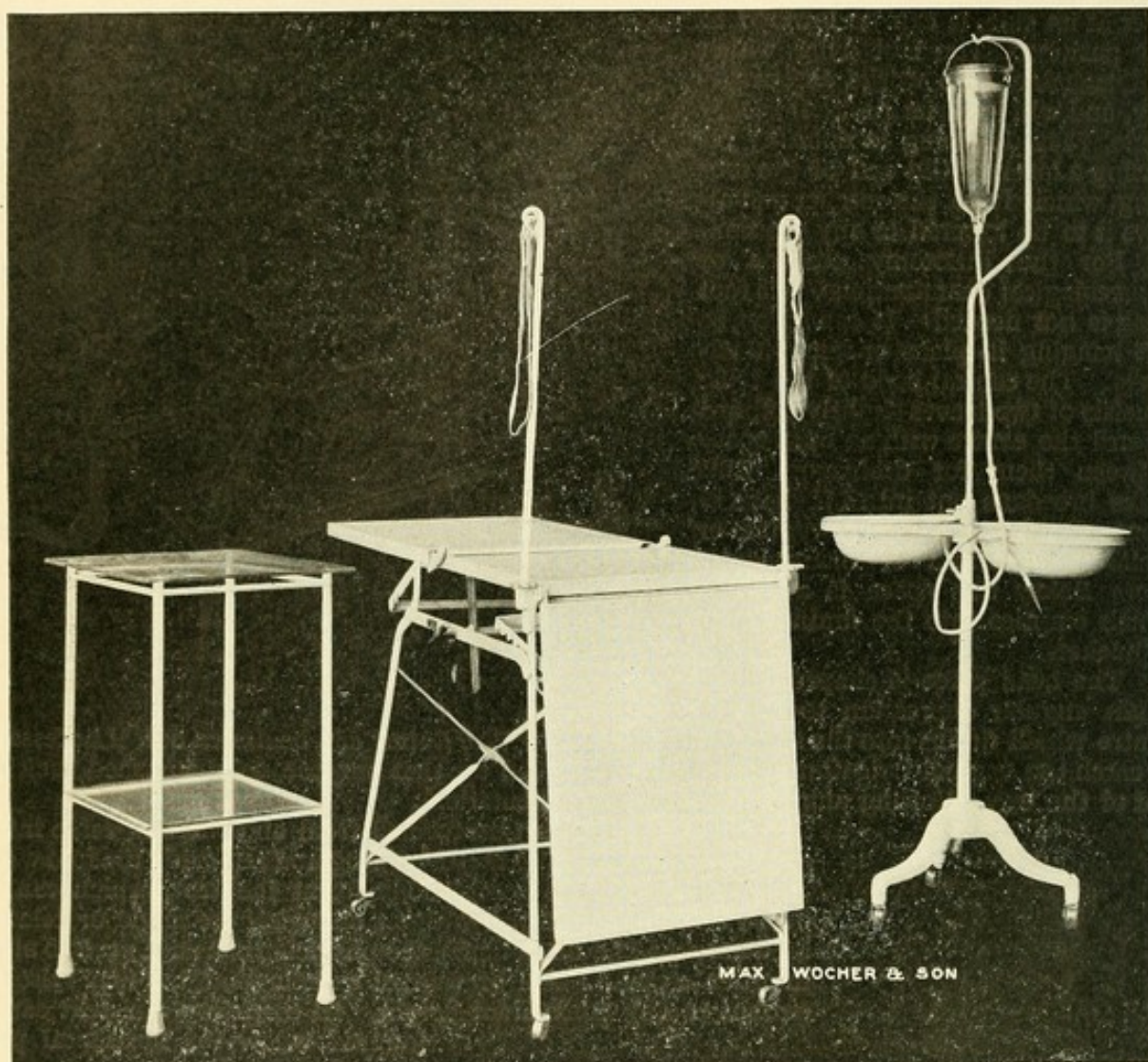
Price of Table with Head Rest only.....\$40 00  
 " " Lithotomy Leg Holders, per pair, \$5 00; Gynecological Stirrups..... 5 00





## THE WOCHER SURGEONS' OPERATING OUTFIT No. 25.

Regular Price, \$35.00. Special Price, \$25.00.



**No. 25. OPERATING OUTFIT.**

**The Table** is our popular Wocher-Buchanan Table, with leg-holders, as shown, gives all positions, including the Trendelenburg posture, and can be folded for shipment or can be carried in a buggy. It is best fire enameled finish.

**The Irrigator and Immersion Stand** is our best pattern; has glass percolator, tubing and shut-off, and the basins are the best Austrian Imported Enamel.

**The Glass Instrument Table** is wrought iron construction, white fire enamel finish, has plate glass top and shelf, with ground edges and rubber shod legs.

**No. 25.** Outfit as above, packed ready for shipment, net, \$25.00

Regular list price ..... 35.00

If a more elaborate operating table is desired, we can furnish the Hall-Baldwin or Isaacs table instead of the Wocher-Buchanan, at a difference in price as shown in the list.



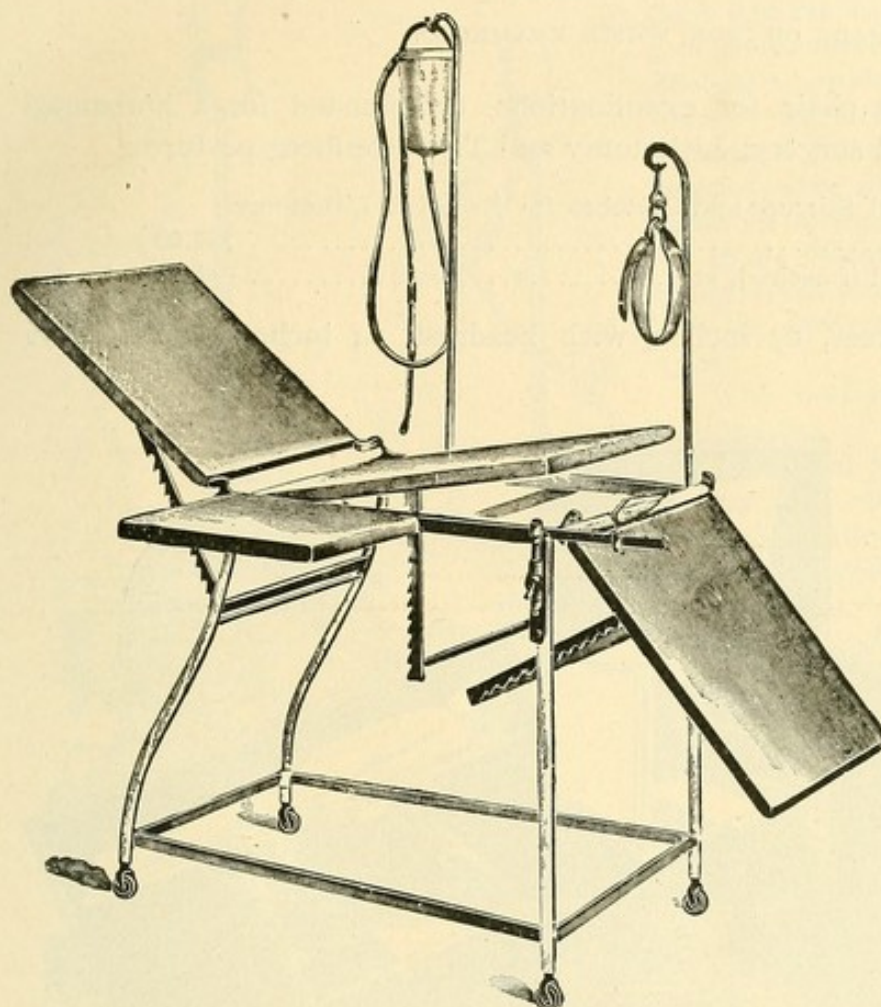
## ASEPTIC FURNITURE.

THE  
WOCHER-BUCHANAN  
OPERATING TABLE.

This table is made entirely of metal, white enameled "baked," and has nickel-plated trimmings, and is a beautiful fixture for any office.

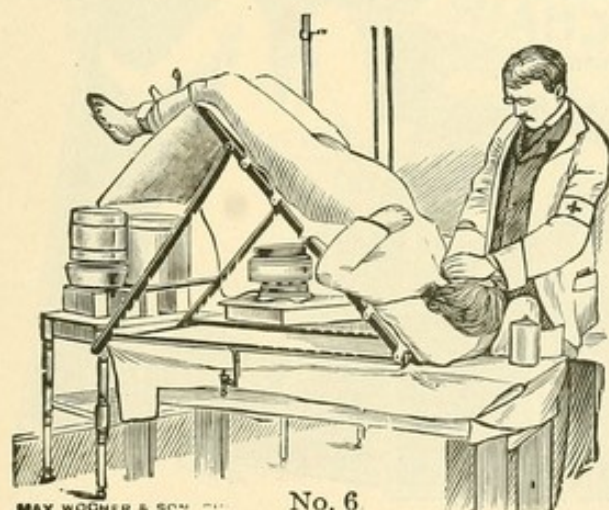
It can be used as a chair for examinations or as a general operating table, giving all the positions, including the Trendelenberg, Sims and rectal postures.

The table can be folded for shipment to size 40 x 24 x 9 inches.



## PRICES.

No. 1 Wocher-Buchanan Table only.....	\$12 00
No. 2 " " " with Leg Holders and Straps.....	14 00
No. 3 " " " " " " " with a pair of nickel-plated Gynaecological Stirrups and Irrigator.....	16 00
No. 4 Wocher-Buchanan Table, same as No. 3, with the addition of one Irrigator Stand with Glass Irrigator and six feet of Rubber Tubing, Cut-Off, Nozzle and a Metal White-Enameled Side Table, complete, as shown in the above illustration.....	20 00



No. 6

No. 6* Dr. Krug's Portable Trendelenberg's Posture Frame, iron, white enameled, with canvas cover and clamps, complete.....	18 00
No. 1 McBurney's Adjustable Hip Support, telescopic, all metal, nickel plated.....	5 50
No. 2 Nephrorrhaphy Cushion Rubber Inflating, 18 inch.....	6 00



## ASEPTIC FURNITURE.

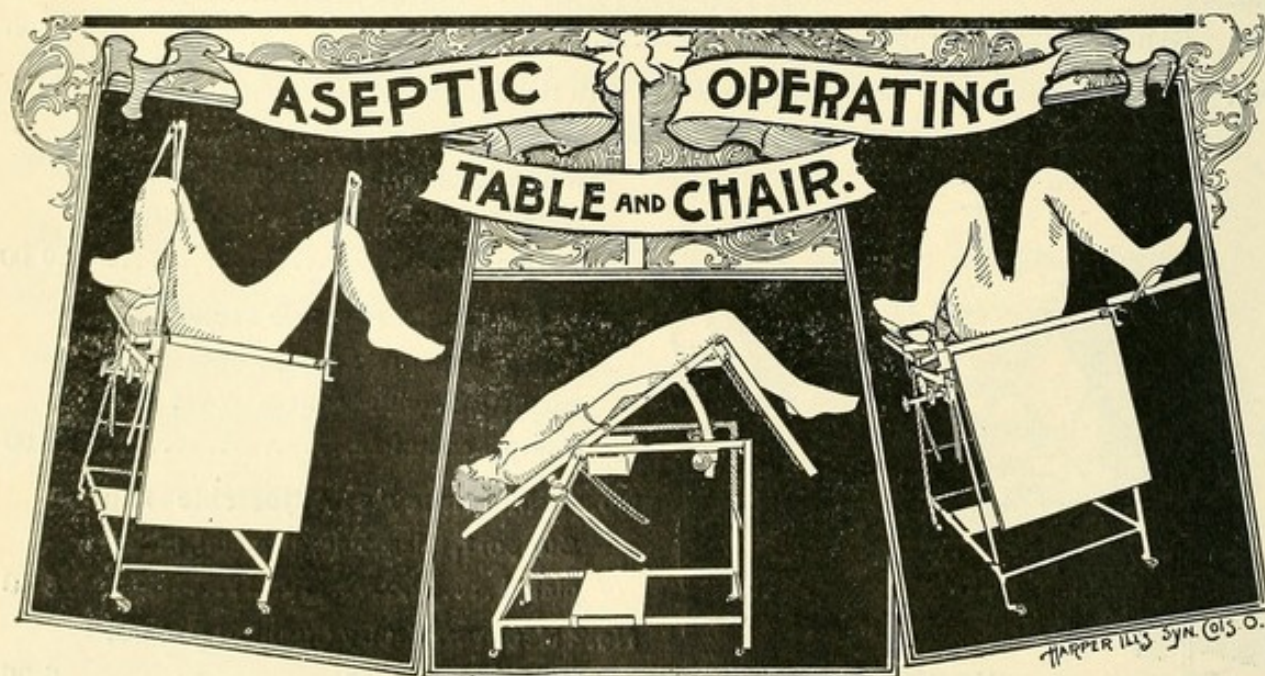
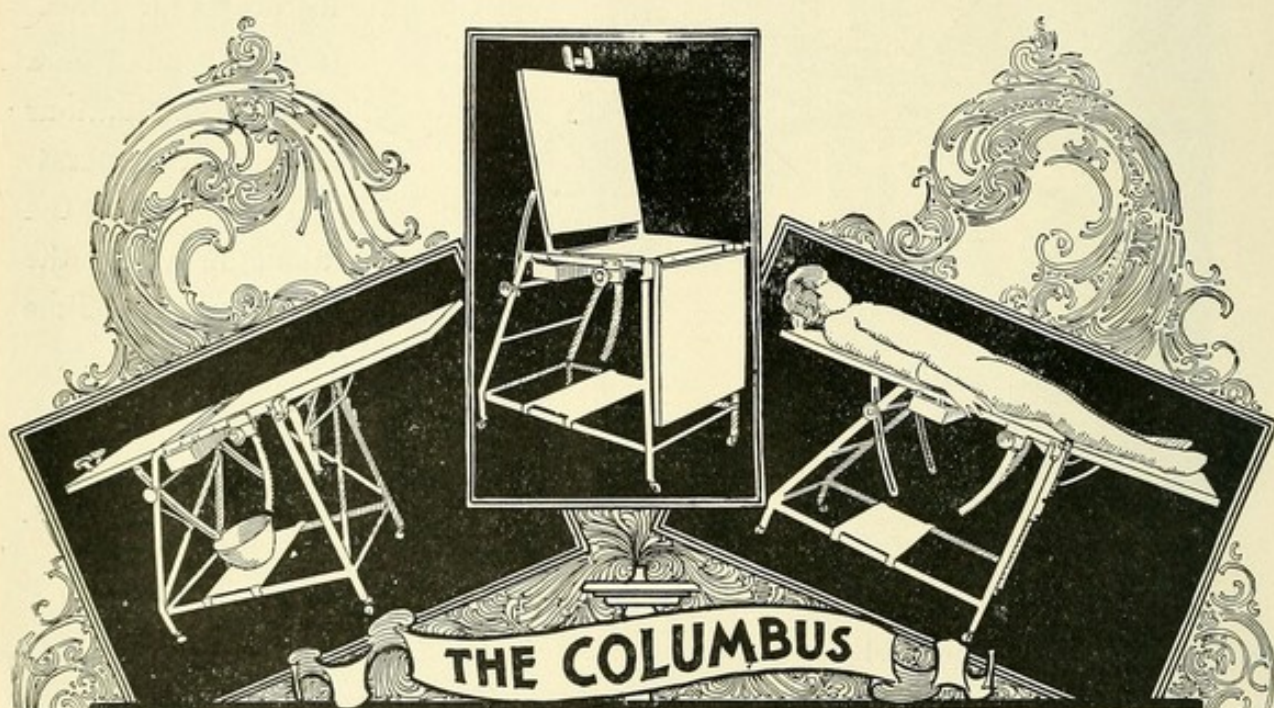
### The Columbus Operating Table and Chair.

MADE OF IRON, WHITE ENAMELED.

Can be used as office chair for examinations, or adjusted for a horizontal operating table for general surgery, Lithotomy and Trendelenberg posture.

Price, with Gynæcological Stirrups and Crutches for Rectal or Lithotomy  
Examinations. .... \$25.00  
Cushions will be furnished if desired, at ..... 5.00 extra

Length without headrest, 67 inches; with headrest, 74 inches; width, 20½ inches; height, 31 inches.





## LEG HOLDERS.

## DR. LAMBERT'S MODIFICATION OF EDEBOHL'S LEG HOLDERS.

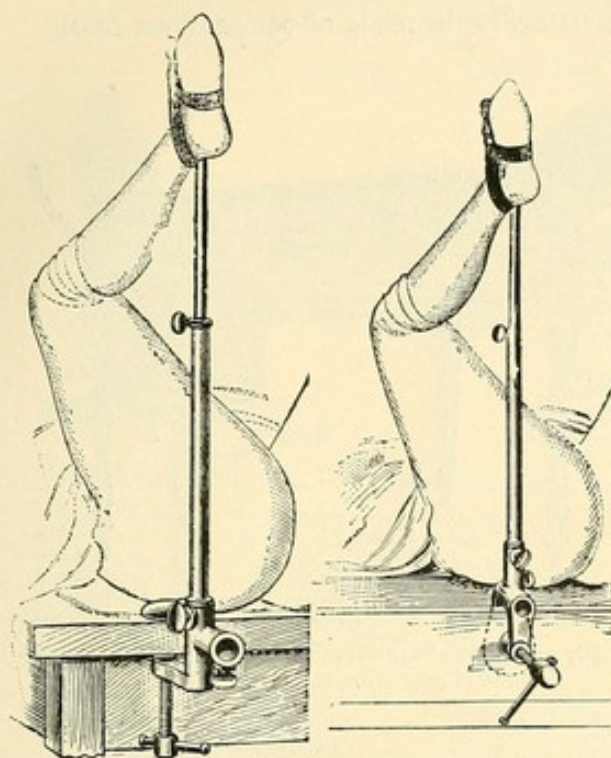


FIG. A.

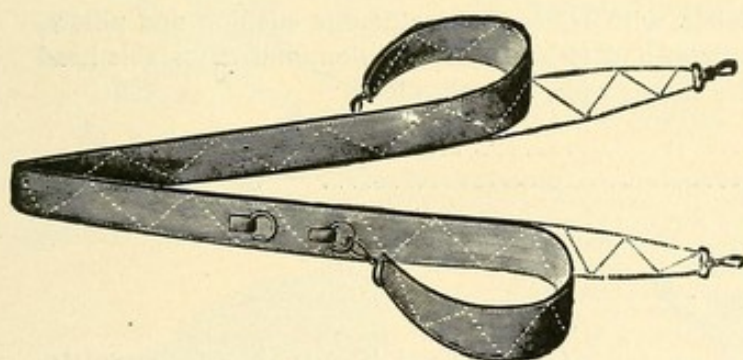
FIG. B.

Practitioners living remote from other physicians find the various forms of Leg Holders a great convenience. My inability to attach the Edebohl's Leg Holders to the side of the bed, when I frequently wished to use them, led me to devise a clamp whereby the Holders can be fastened to the side of the bed or any board that stands on its edge.

In the illustration, Fig. A shows how the clamp may be fastened to a table. Fig. B shows how the clamp can be attached to the side of a bed.

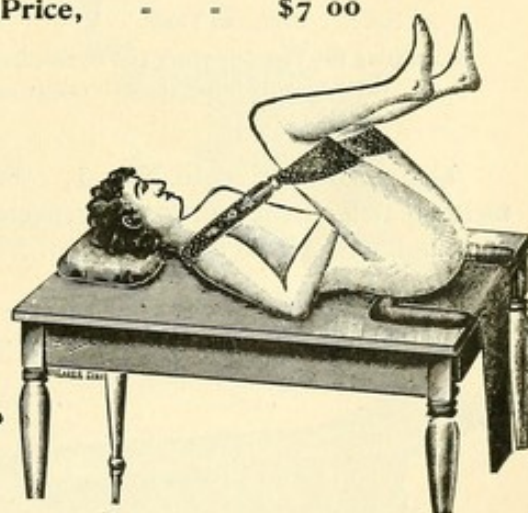
With this improved Clamp I have found the Leg Holders of especial value when attending my obstetrical patients who reside in the country, and require instrumental delivery or perineal operations.—*Extract from the American Gynaecological Journal*

Price, - - - \$7 00



ROBB'S LEG HOLDER.  
(one piece)

Price, - - \$1 25



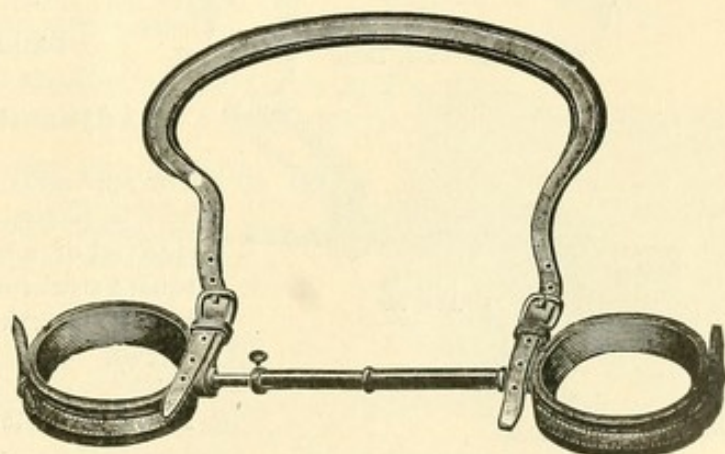
KELLY'S LEG HOLDERS.

For Securing Perfect Posture without Assistance.

Price, - - - \$2 00

CLOVER'S CRUTCH  
FOR HOLDING  
LEGS APART

Price, - - \$7 00

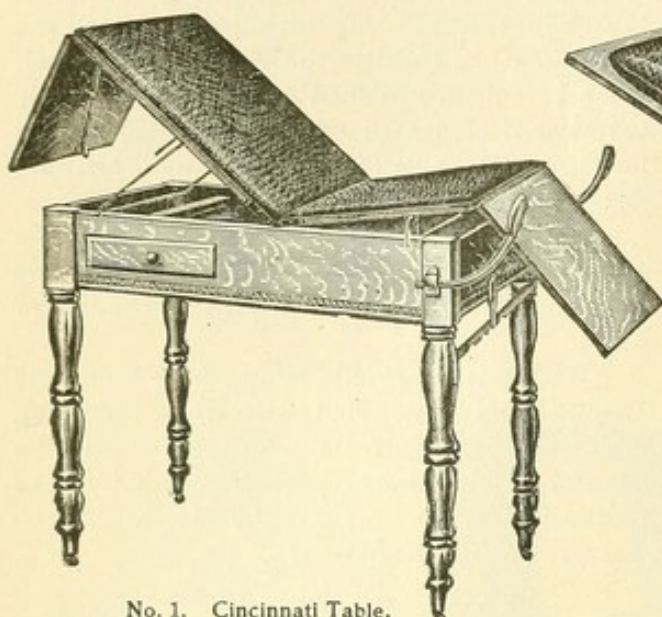




## OFFICE FURNITURE.

## The "Cincinnati" Table.

A cheap but substantial Examining and Operating Table, made of oak, antique finish, handsome in design and easily operated.



No. 1. Cincinnati Table.

Illustrating the Trendelenburg and Gynecological position, with hip section elevated.



No. 1. Cincinnati Table.

Illustrating the Surgical or Gynecological position, with drawer open, showing arm rest.

**Cincinnati Table No. 1**, complete, with removable leatherette cushion and pillow, nickel-plated stirrups, drawer, Trendelenburg and elevated hip position, and adjustable head and tail board. Size, 32 inches high, 22½ inches wide, 72 inches long.

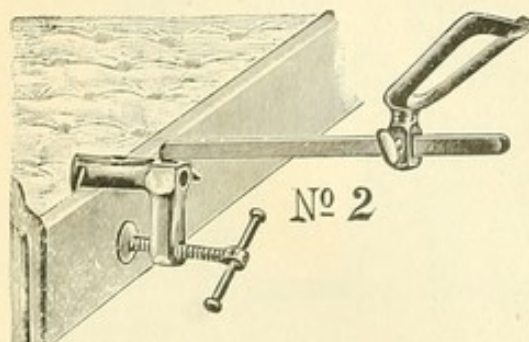
Price.....	\$24 00
Packing.....	50



No. 2. Cincinnati Table

**Cincinnati Table No 2**, complete, with removable leatherette cushion and pillow, bronzed adjustable stirrups, and slide to be used on either side of table.

Price .....	\$16 00
" without cushions.....	12 50
Packing .....	50



## Adjustable Gynecological Stirrups.

The apparatus consists of a pair of Steel Clamps that may be securely attached to the edge of a table or the side rail of a bed. Projecting from these clamps are square steel rods on which slide the stirrups. These may be fastened to any point on the rods by thumb screws.

Price, with Steel Clamps, Nickel-Plated .....\$4 00



# The Improved "Yale" Surgical Chair.

Pronounced the *ne plus ultra* by the Surgeon, Gynecologist, Oculist and Aurist.

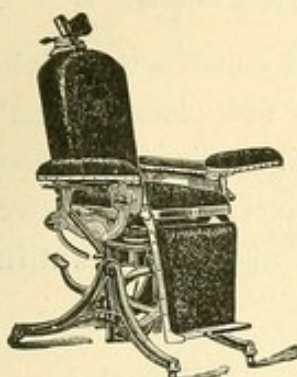


Fig. I—Normal Position.

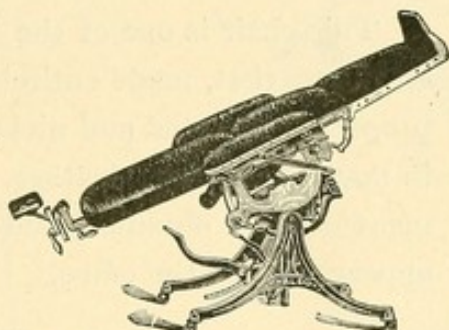


Fig. IX—Chloroform Narcosis Position.



Fig. III—For Examinations.

The "YALE" is the most complete Chair ever offered to the Surgeon, Gynecologist, Oculist or Aurist. Every position known to the profession is easily and quickly obtained. Has the largest range of movements. Can be firmly locked in any desired position.

Does away with moving patient to get dorsal position. Secures the most desirable inclinations for the Sim's position. Can be raised, lowered, revolved or tilted with patient in position to get the best lights. It is the **STRONGEST AND MOST SUBSTANTIAL CHAIR MADE**

## IT HAS NO EQUAL

In Range of Movements and Positions and Ease of Adjustment.

## IT EMBODIES

Utility, Beauty, Convenience and Durability.

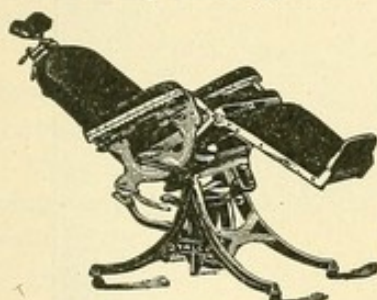


Fig. V—Semi-Reclining.

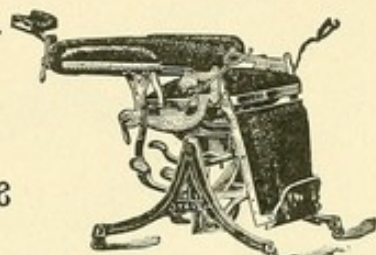


Fig. XVII—Dorsal Position.

Each Chair is supplied with the most complete stirrups for Gynecological practice, also with the **Sould Head Rest**, which is universal in its adaptations for the Aurist and Oculist. No other Chair can compare with the "YALE" in completeness, strength, adaptation, convenience and finish. We challenge competition, and solicit an investigation of its merits.

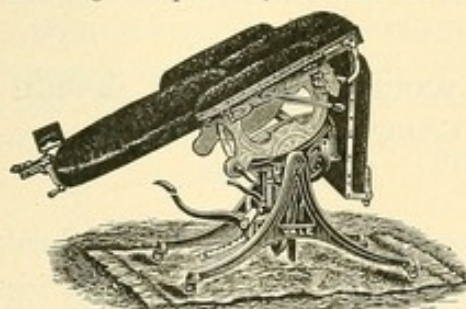


Fig. XIX—Trendelenburg Position.

Hundreds sold every year, and every one giving the best of satisfaction is the best evidence that they are not only the **BEST**, but are just as represented. Do not be deceived in buying any other that is "just as good" as the "YALE". It can not be done. We have features in the "YALE" patented to us that no one else can use. Decidedly the **BEST** Chair on the market for the price.

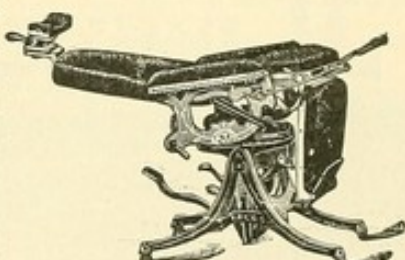


Fig. XV—Elevating the Hips.

## PRICES:--Packed and Delivered on Cars at Factory.

Finished in Maroon, Olive or Black Leather .....\$65 00. For cash, \$60 00

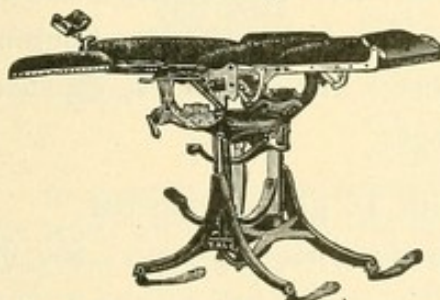


Fig. VII—Horizontal Position—Elevated.

## TO THE PROFESSION.

The "Yale" Physicians Chairs fully protected and manufactured under the following U. S. and Foreign patents:

June 13, 1892.	Aug. 30, 1887.
Dec. 4, 1883.	Dec. 13, 1887.
July 7, 1885.	Oct. 9, 1888.
June 8, 1886.	Jan. 29, 1889.
Sept. 28, 1886.	June 2, 1891.

Re-issue Aug. 24, 1886.

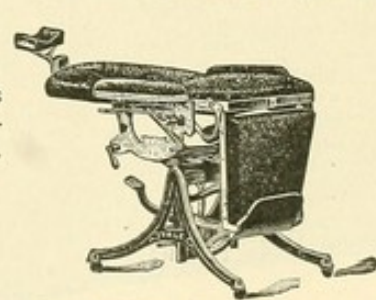
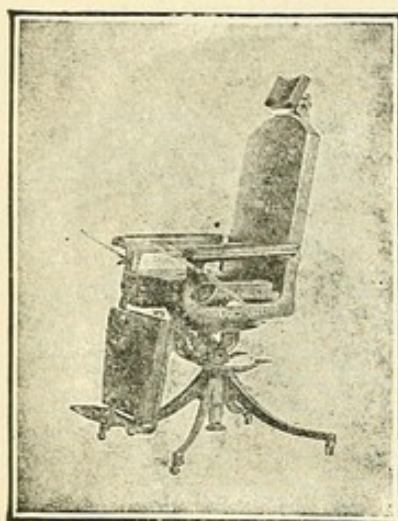


Fig. XI—Three-Fourths Length.



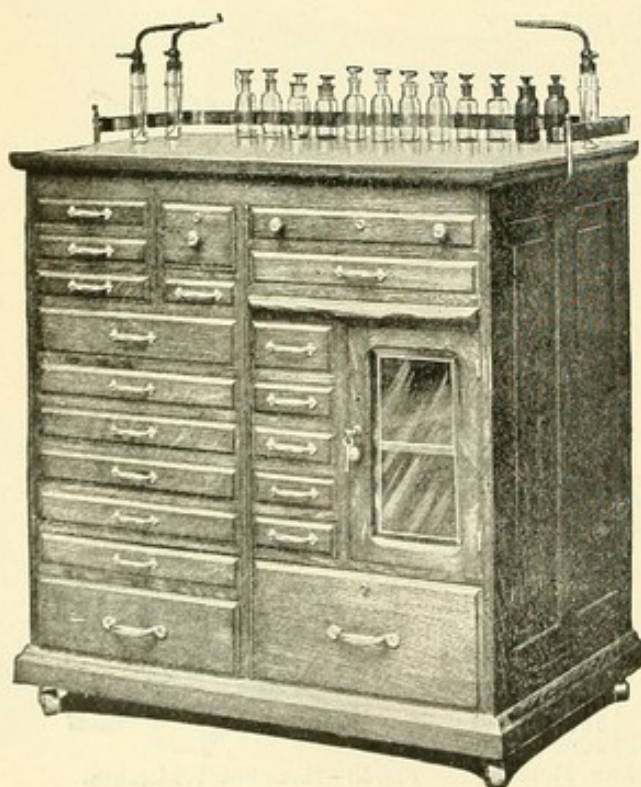
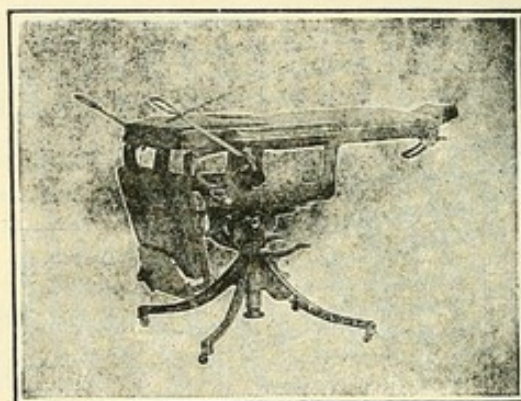
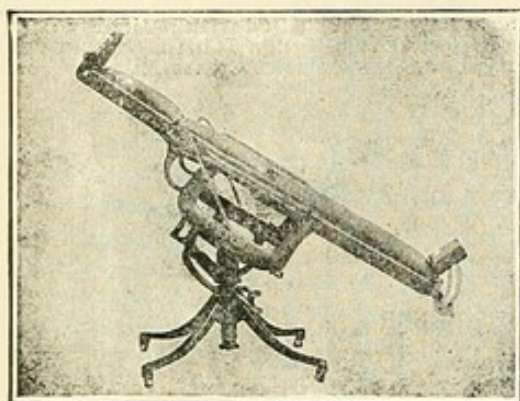
## OFFICE FURNITURE.



**THE OXFORD  
PHYSICIANS' OFFICE CHAIR.**

This chair is one of the best constructed chairs on the market, made entirely of first-class material, properly decorated and nickeled. It is upholstered in maroon or olive leather. Every desired movement can be obtained and it makes a beautiful appearance for the office.

Price, packed, f. o. b. factory, \$45.00.



**THE WOCHER-PYNCHON OFFICE  
CABINET FOR OFFICE  
PRACTICE.**

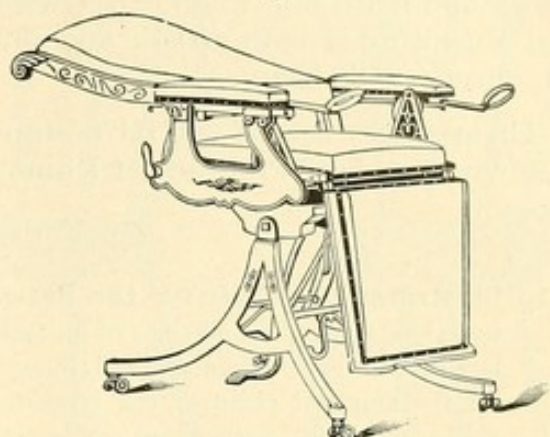
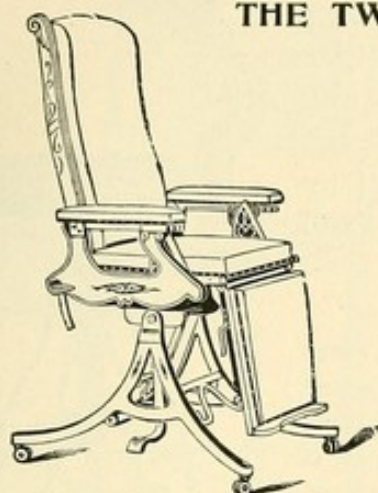
It has a variety of drawers and cabinets with plate glass top, and is supplied with 12 crystal, blue and amber colored glass stoppered bottles held in oxidized metallic spring clips, and is also equipped with clips for holding spray tubes. Made of highly-finished antique oak.

Price, with 12 glass stoppered bottles of assorted colors....\$55 00



## SURGICAL AND GYNÆCOLOGICAL CHAIRS.

### THE TWENTIETH-CENTURY CHAIR.



This chair in normal position is a low chair. Persons of ordinary stature can seat themselves in it without the use of a step or stool of any kind.

It is so balanced that the act of reclining brings the seat up to a level of the arms, making a broad surface including both arms and seat for use in certain positions when desirable, and not confining the working of the operator to the space between the arms.

The drop-seat position gives a space of six inches between the surface of the seat and back, giving ample space for treatments of cystitis, vaginal examinations or for the use of a large bowl in irrigation.

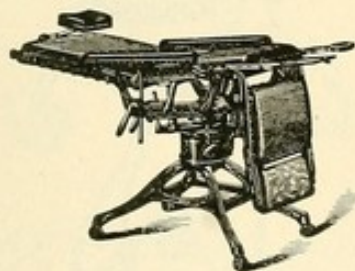
In the use of the chair we recommend in every case that the patient should first be seated in the chair in normal position, and after examination or treatment that he be brought back to this position before leaving the chair.

It also has a rotary motion, which, added to all the others, makes it meet any and all possible needs.

With all these practical workings it is also very handsomely finished in black enamel with ornamental stripings and scrolls, upholstered in the best manner and covered with best leather; in fact it is the most up-to-date chair in the world, and is sold at a price and on terms that will commend it.

**Price.....\$50 00 List.**

### THE McDANNOLD CHAIR.



The McDannold Surgical and Gynæcological Chair combines all the elements necessary to the successful examination and treatment of surgical, gynæcological and rectal diseases, besides its value as a general utility chair for the examination of the eye, throat, chest, abdomen and many other uses.

The movements of the chair are universal, positive, noiseless, and all positions are obtained with patient seated in chair. There is no complicated mechanism, noisy and intricate fastenings, such as notches, ratchets, long and unsightly levers, cranks, treadles, etc.

In appearance the chair is ornamental. The base and all working parts are made of iron, the larger parts japanned and neatly striped, the smaller nickel plated. The chair can be rotated in any position to obtain the proper light. The headrest can be extended up or down, back or forward, and held in position by a single set screw.

**Price.....\$50 00 List.**



## OFFICE FURNITURE.

Artistic Furniture adds much to the beauty of a doctor's office, as well as adds much to the doctor's comfort, and helps him to do better work. Indestructible Metal Furniture is both artistic and practical. It is also light, cleanly and cheap.

These pieces are of special design as suggested by Dr. Edwin Pynchon, Professor of Rhino-Laryngology and Otology.

**Fig. 1. Illustrates the Chair for the Patient.** It has an extra wide back and gives a range of elevation from 19 inches at low point, to 26 inches at high point, being thus suitable for the smallest child or the largest adult. The back is made absolutely vertical, so as to compel the patient to remain within easy reaching distance. In ear work, by swinging the patient about, either ear can be treated with equal facility.

Price .....\$5 00

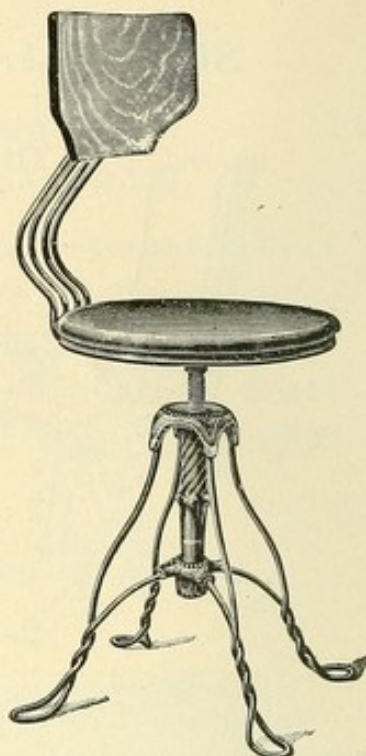


Fig. 1.

**Fig. 2. Illustrates the Stool for the Operator.** The Stool has the same base as the chair, though the seat is smaller, only 12 inches in diameter. In the stool the qualification of high elevation is equally as valuable as in case of the chair, though, while the chair is heightened in direct ratio to the diminution in size of the patient, with the stool the reverse is true, and its greatest height is required with the tallest and longest legged patient, so that the operator can sit, if necessary, over the knees of the patient, and can thus at all times keep within easy reach of the patient's head. As the stool has no back, the operator, so to speak, mounts and dismounts from behind.

Price .....\$3 50

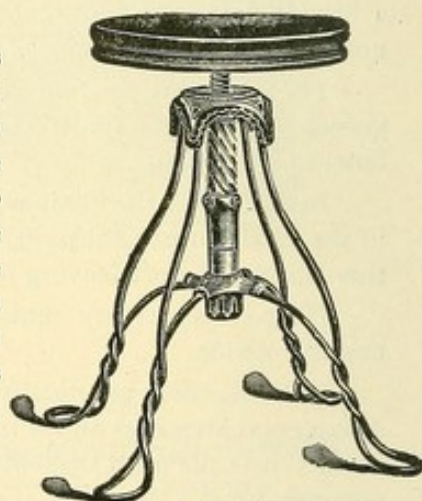


Fig. 2.

**Fig. 3. Illustrates the Cuspidor Holder.** This device will be found to be a cheap and practical substitute for a Fountain Cuspidor, as it holds the spittoon at a proper height for the convenient use by the patient. It is also a valuable article of furniture in HOSPITAL WARDS AND SICK CHAMBERS.

Price .....\$3 75

Price Nickel-Plated Cuspidor.....\$1 00

**Fig. 4. Illustrates the Spittoon Holder,** which can be attached by screws to a desk or door casing or to a side of a bed.

Price.....\$1 00

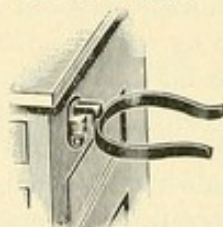


Fig. 4.

**Fig. 5.** We can also furnish a handsome chair made of same design as the above for the Waiting Room.

Price.....\$3 00

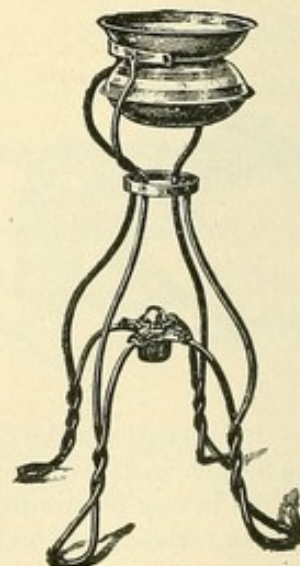
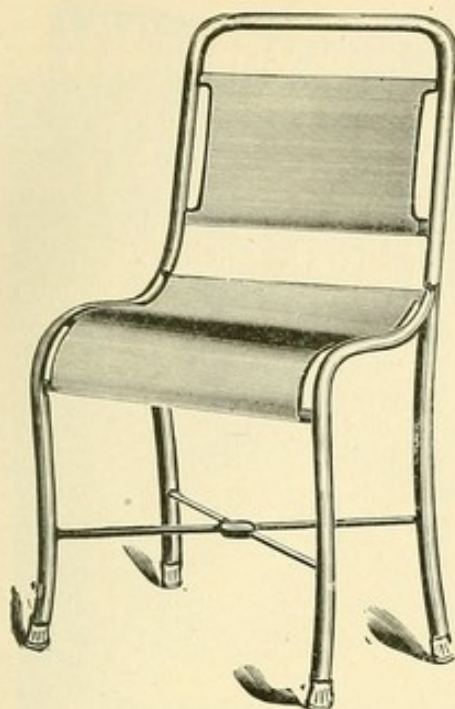


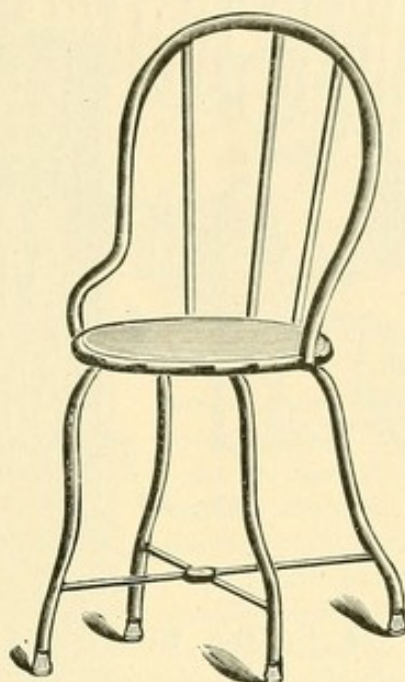
Fig. 3.



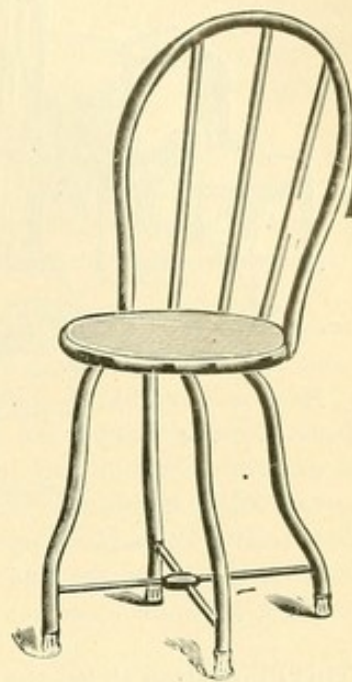
## ASEPTIC CHAIRS AND STOOLS.



*AF* 50



AF 54



*AF* 53

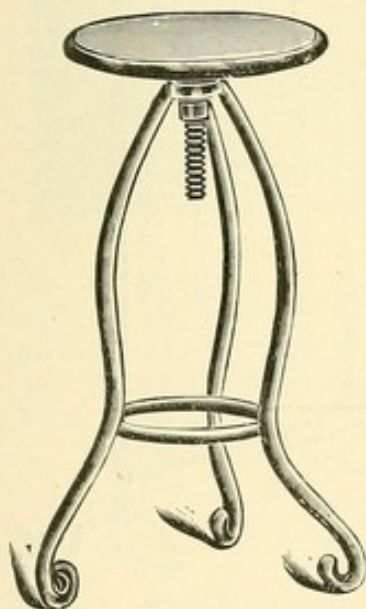
<i>A F</i> 50*	<b>Chair,</b>	Presbyterian Pattern, all metal, white enameled.....	\$6 00
<i>A F</i> 52	“	New York “ “ “ “ .....	6 50
<i>A F</i> 53*	“	Cincinnati “ “ “ “ .....	7 00
<i>A F</i> 54*	“	“ “ with arm rests all metal, white enameled.....	7 50
<i>A F</i> 55	“	“ “ “ “ revolving, all metal, white enameled .....	8 00

AF 52	Cham, Presbyterian Pattern, an metal, white enameled.....	6 50
	" New York " " " " " .....	6 50

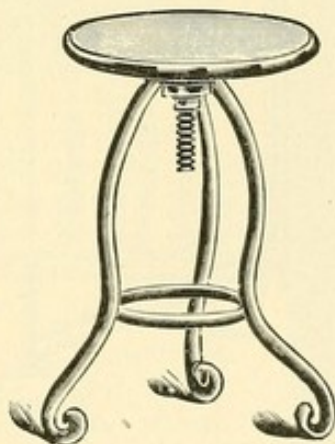
<i>A F 53</i> <sup>®</sup>	"	Cincinnati	"	"	"	"	"	7 00
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<i>A F 54</i> <sup>®</sup>	"	"	"	with arm rests all metal, white enameled.....	7 50
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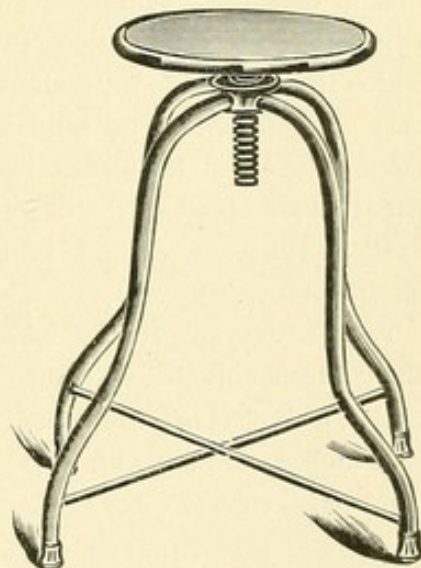
*A F 55* " " " " " " revolving, all metal, white enameled 8 00



AF 58



*AF* 59



AF 60

<i>A F</i> 58*	<b>Stool,</b>	Surgeon's, 3-leg, 25 to 31 inches high, adjustable, all white.....	\$4.50
<i>A F</i> 59*	"	Anæsthetizer, 3-leg, 19 to 25 inches high, adjustable, all white.....	4 50
<i>A F</i> 60*	"	Surgeon's, 4 " 25 to 31 " " " " .....	6 00
<i>A F</i> 61	"	Anæsthetizer, 4 " 19 to 25 " " " " .....	5 50

**A F 59\*** " Anaesthetizer, 3-leg, 19 to 25 inches high, adjustable, all white..... 4 50

<i>A F 60*</i>	"	Surgeon's,	4	"	25 to 31	"	"	"	"	.....	6 00
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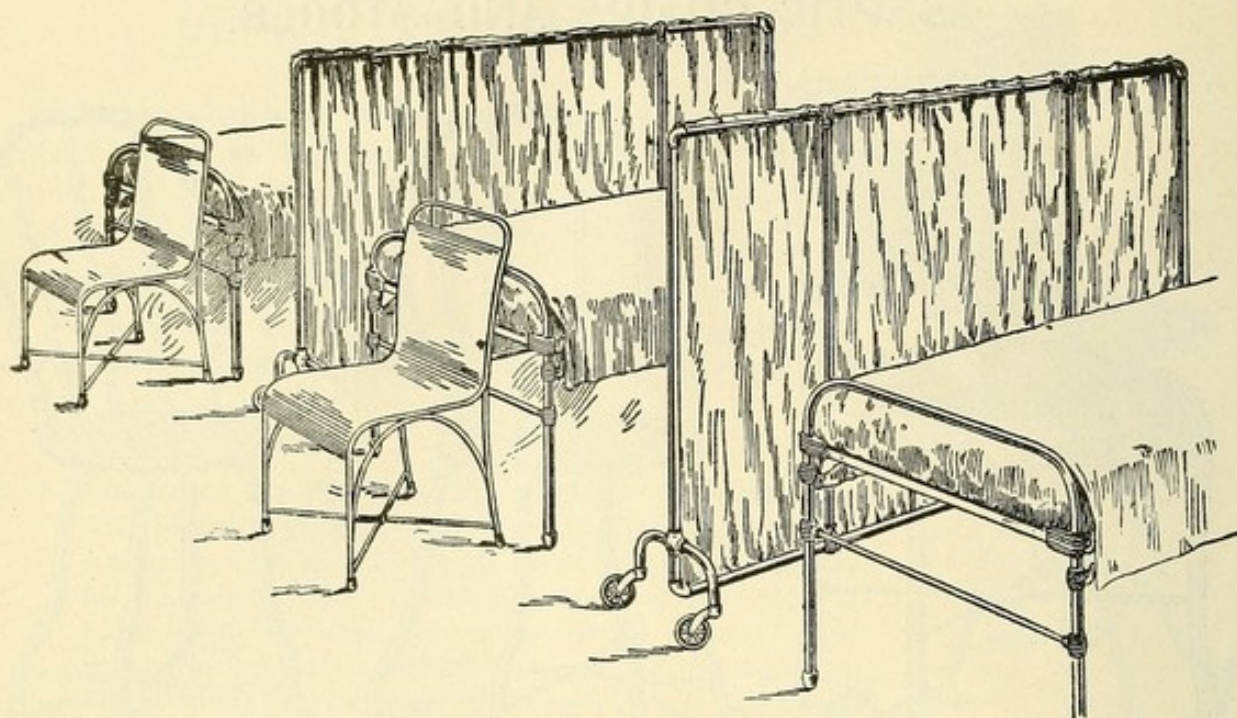
<i>A F</i> 61	"	Anæsthetizer, 4	"	19 to 25	"	"	"	"	.....	5 50
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Any of the above stools furnished with copper, nickel-plated seat, instead of white, at an addition in price of \$1.50.

Cheap stools of above construction furnished, if desired, but durability of threads and joints is not guaranteed.



## ASEPTIC FURNITURE.



**A. F. 70.\* BED SCREENS.**

This illustration shows the form of screen isolating a ward bed. Length, 7 feet, 6 inches; height, 5 feet, 6 inches. Price, without muslin panel..... each, \$15.00

**A. F. 71.\***

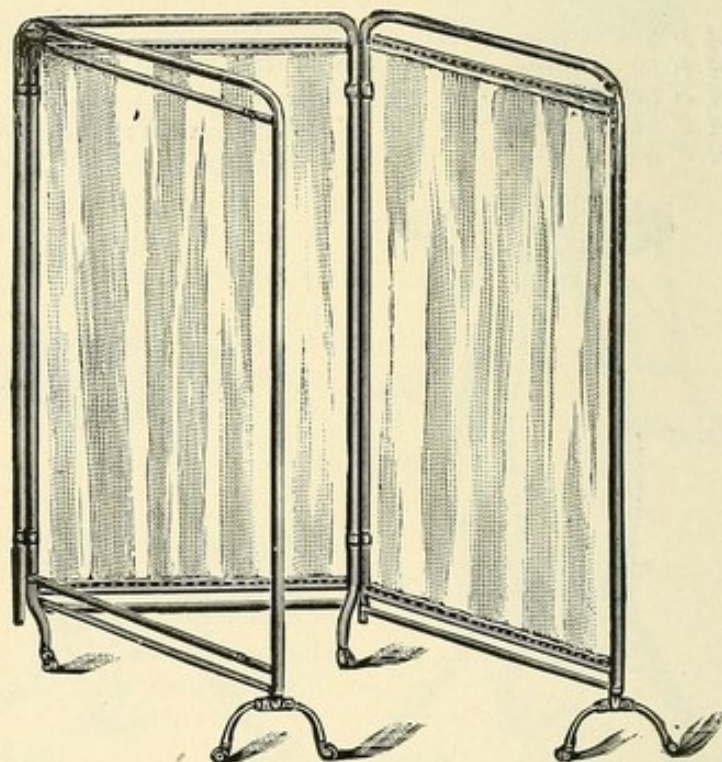
### THE NEW SENSIBLE SCREEN.

Children's Hospital Pattern.

An important adjunct for operating room or for use in wards. Ordinary muslin or duck panels can be used with hem on top and bottom, through which the removable bar is slipped, as customary on grate or window curtains. The old-styled screens required panels with about thirty tapes each, to tie on the frames, which were very unsatisfactory.

The frames are strong, white enameled iron, supplied with casters.

Size, 66 inches high, and each panel is 30 inches wide or 96 inches long for three-panel size.



Three-Panel Screen, with removable rod .....	\$12 00
Five-Panel Screen, " " " .....	18 00
Indian-Head Screen Panels.....	each, 1 25

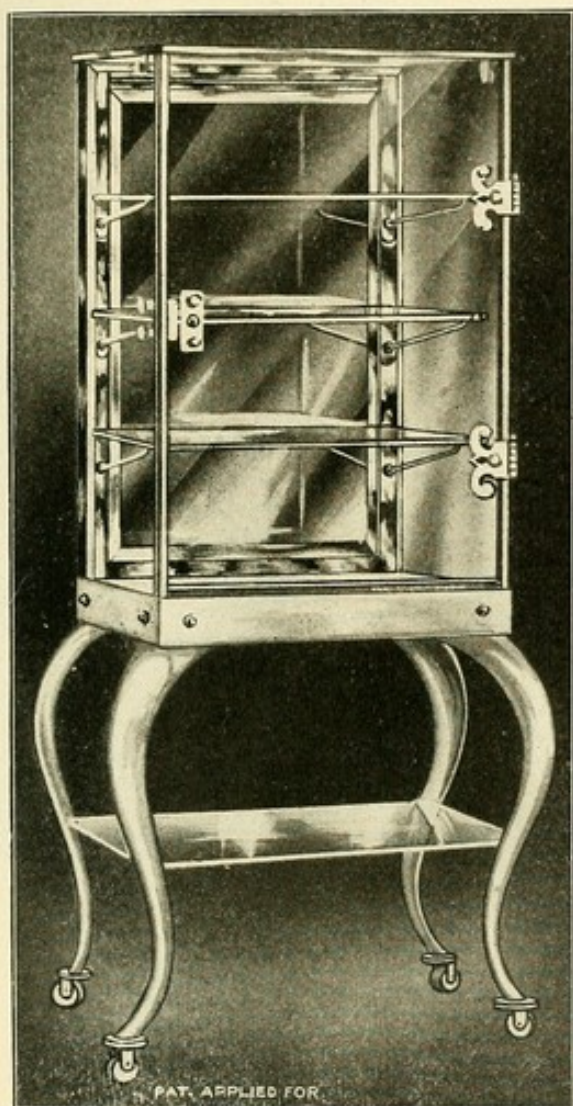
A. F. 72 **Three-Panel Screen**, folding as above, without removable rods .....\$10 50

A. F. 73 **Three-Panel Wing Pattern**, Presbyterian Hospital design. 66 inches high, 60 inches long, with two folding arms each 60 inches long, having removable curtain rods as described above. We now make this screen with heavy cast iron base to prevent tipping while open..... 15 00

Indian-Head Screen Panels for above .....each, 1 75

All instruments designated with a \* are illustrated.



**SOLID FRENCH PLATE ALL GLASS INSTRUMENT CASES.****NEW—ATTRACTIVE—CLEAN.****W. C. 307.**

We have shipped many of these cases without a single breakage. The railroads carry all plate glass at owner's risk, at a special low rate, and under these conditions they are sent out by us.

They are made in two sizes, as follows :

**W. C. 307.** Dimensions—Total height, 62 in.; Cabinet proper height, 39 in., width, 20 in., depth, 16 in. The stand on which the cabinet rests is made of iron of graceful curves, white enameled. It has three plate glass shelves which are adjustable. Additional shelves can be supplied.

Price.....\$80.00

**W. C. 315.** Dimensions—Total height, 60 in.; Cabinet proper, height, 51 in., width 20 in., depth, 16 in. The stand on which the cabinet rests is made of ornamental oxidized finish. It has six plate glass shelves which are adjustable.

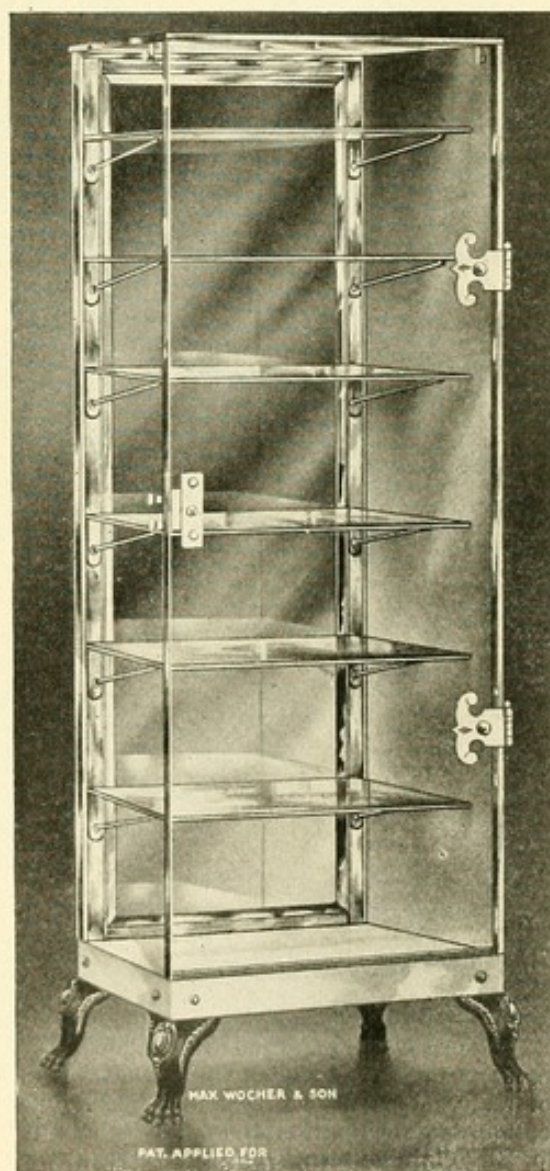
Price.....\$100.00

These cases are made of extra heavy French plate glass, with mirror back and nickel plated mirror and shelf supports.

The case proper has no iron frame but is all glass cleated together, and the door is directly hinged on the glass, and is made on the same plan as the all-glass store fronts and modern store cases.

The mirror rests against a concealed wood back, and the bottom glass also rests on a base, which is also completely hidden and covered by opalite glass. They are very attractive, handsome in design, and the contents show up to better advantage. They are shipped dismounted in compact form, except the base, which is crated.

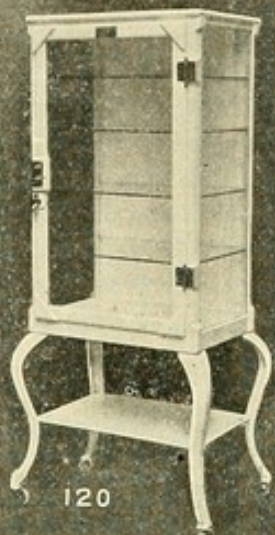
The case proper appears as all glass, it has no crevices for dust to find lodgment and can be cleaned easily.

**W. C. 315.**

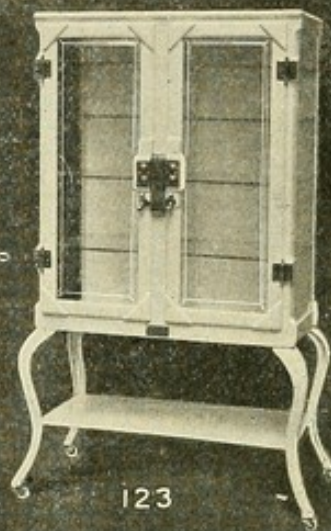


## ASEPTIC INSTRUMENT CABINETS.

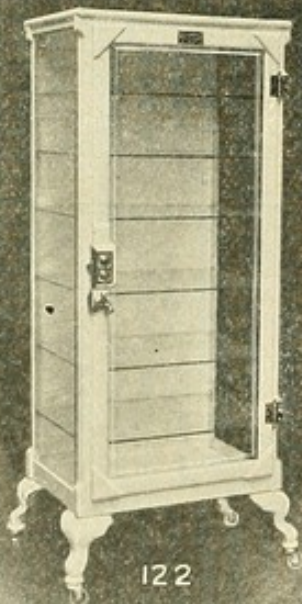
These Cabinets are made entirely of iron and glass and beautifully white enameled. They are air-tight and keep the dust and dampness from your instruments and also enhance the appearance of your office.



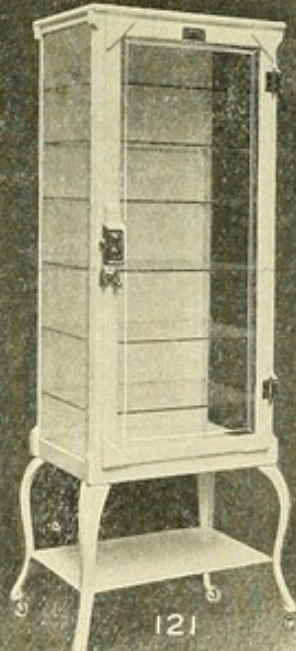
120



123



122



121

- No. 120.** Total height, 65 inches; width, 25 inches; depth, 17 inches.  
 Price, with plate glass throughout.....\$75 00  
 Price, with double-strength glass in door and sides..... 65 00
- No. 121.** Height, 72 inches; width, 25 inches; depth, 12 inches.  
 Price, with plate glass throughout.....100 00
- No. 122.** Same as No. 121, but without base. Height, 60 inches; width, 25 inches; depth, 17 inches..... 90 00
- No. 123.** Double Cabinet. Height, 65 inches; width, 36 inches; depth, 17 inches.....125 00
- No. 123a.** Same as No. 123. Height, 65 inches; width, 50 inches; depth, 17 inches.....140 00
- No. 224.** Plain Pattern. Height, 60 inches; width, 20 inches; depth, 16 inches..... 40 00



## THE WOCHER PERFECTION OFFICE CABINET

**With Milk-White Plate-Glass Top.**

This outfit is designed to serve as a Table, Cabinet, Bottle Rack, Spray-tube Holder, Spray Apparatus and Nebulizer, making a complete treatment outfit.

It is furnished complete, as shown on the illustration, or without the nebulizer or bottle rack.

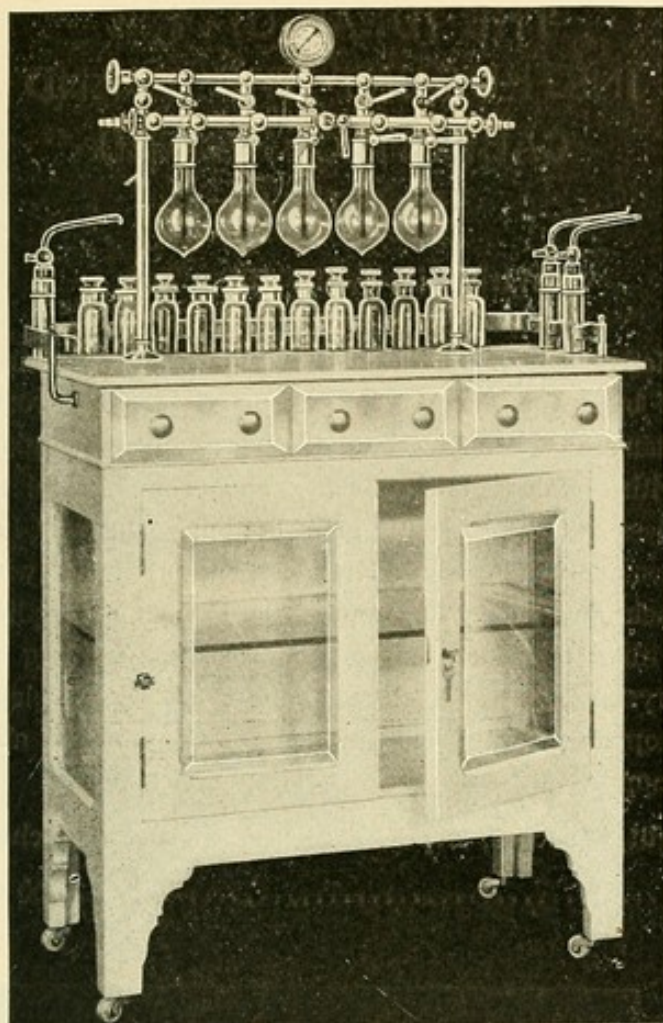
It is constructed of white-enameled hardwood, with *white glass top*; has three glass-lined drawers with *white beveled-glass fronts* with brass knobs. The Cabinet has glass shelf and beveled plate glass in the doors, and the latter are supplied with lock and key.

The Nebulizer is our latest 4 D. Improved, double-valve cleanable combination pattern, to which an air cylinder and spray tubes can be attached.

All trimmings are oxidized copper and nickel.

Dimensions of the Cabinet: 30 inches long, 18 inches deep and 32 inches high.

"The outfit must be seen to be appreciated, as the photograph does not do it justice. • It is, without a doubt, the most practical piece of office furniture on the market.



**No. 3 Perfection Cabinet.**

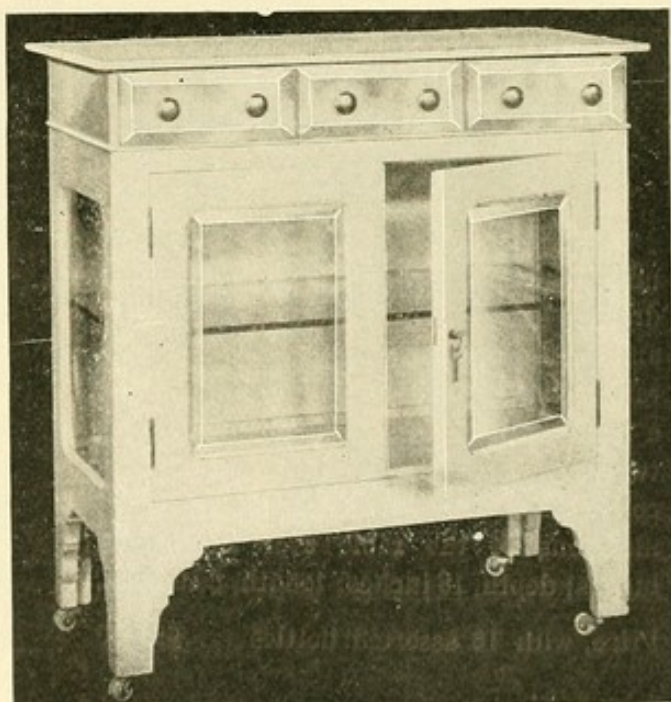
### PRICES.

No. 1. Wocher's Perfection Cabinet only...\$37 50

No. 2. Wocher's Perfection Cabinet, with rack, having 12 assorted colored bottles and extra clips for spray tubes, etc..... 45 00

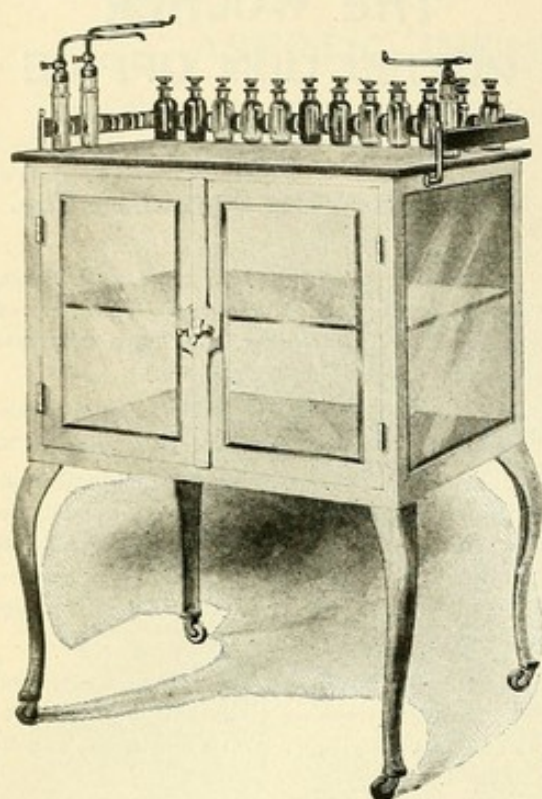
No. 3. Wocher's Perfection Cabinet, with rack, bottles, and a No. 4 D. Combination Spraying and Nebulizing Outfit, as shown on the illustration and described above ..... 75 00

**WE MANUFACTURE  
A LARGE  
VARIETY OF  
COMPRESSED AIR APPARATUS,  
NEBULIZERS,  
AIR PUMPS, ETC.**



**No. 1 Perfection Cabinet.**





## THE IDEAL OFFICE INSTRUMENT TABLE AND CABINET COMBINED

(ASEPTIBLE),

With Milk-White Glass Top.

Made entirely of iron and glass, and white enameled, of beautiful and graceful design and first-class workmanship. The top of cabinet is heavy milk-white glass with rounded polished edges, and cabinet has plate-glass shelf and opaque glass bottom. The front has two doors of beveled plate glass, and is supplied with lock and key. The top of the cabinet is supplied with a handsome copper oxidized rack holding 12 crystal-blue and amber-colored XX-ware glass-stoppered bottles held in metallic clips, and is also supplied with clips for holding spray tubes.

The dimensions of the cabinet are: height, 34 inches; depth, 18 inches; width, 25½ inches.

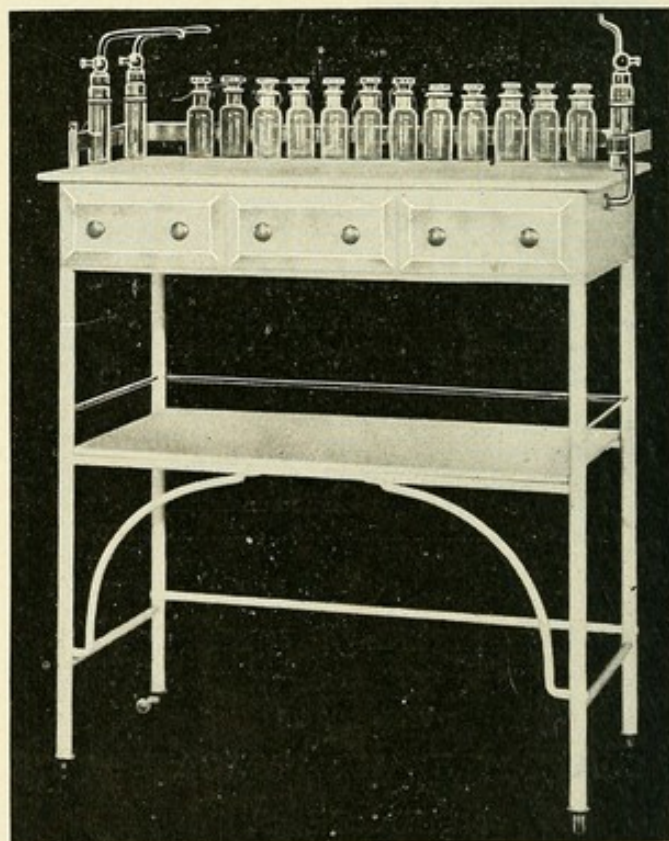
Price, complete, with 12 assorted bottles.....\$50 00

The above Cabinet is also furnished with our Combination Spraying and Nebulizing Outfit, permanently mounted on the glass top of the cabinet, as shown on our Perfection Office Cabinet No. 3.

## WOCHER'S ACME OFFICE TREATMENT TABLE.

A handsome white-enameled table with milk-white glass top, three glass-lined drawers having white beveled-glass fronts, and white glass shelf, supplied with a guard rail. The top of the table is supplied with a handsome copper oxidized rack holding twelve assorted crystal-blue and amber-colored XX-ware glass bottles. The dimensions of the table are: height, 34 inches; depth, 18 inches; length, 30 inches.

Price, with 12 assorted bottles.....\$35 00





**W. C. 323. THE SIX DRAWER ACME OFFICE TREATMENT TABLE.**  
**ATTRACTIVE IN APPEARANCE—PRACTICAL FOR THE DOCTOR.**



**W. C. 323.**

This table has met with large sale wherever shown; it is white enameled, with milk white glass top, six glass lined drawers, having white beveled glass fronts and white glass shelf, the latter supplied with a guard rail on the sides and back. The lower part of the table supports in front are arched to permit the doctor to place his limbs under same. The top of the table is supplied with a handsome copper oxidized rack, holding twelve assorted crystal, blue and amber colored XX ware glass bottles, and clips on each side for holding spray tubes. The dimensions of this table are—height, 34 inches, depth, 18 inches, length, 30 inches.

Price, with twelve assorted  
 colored bottles.....\$40.00

**THE EIGHT BOTTLE PHYSICIANS' OFFICE TREATMENT TABLE.**

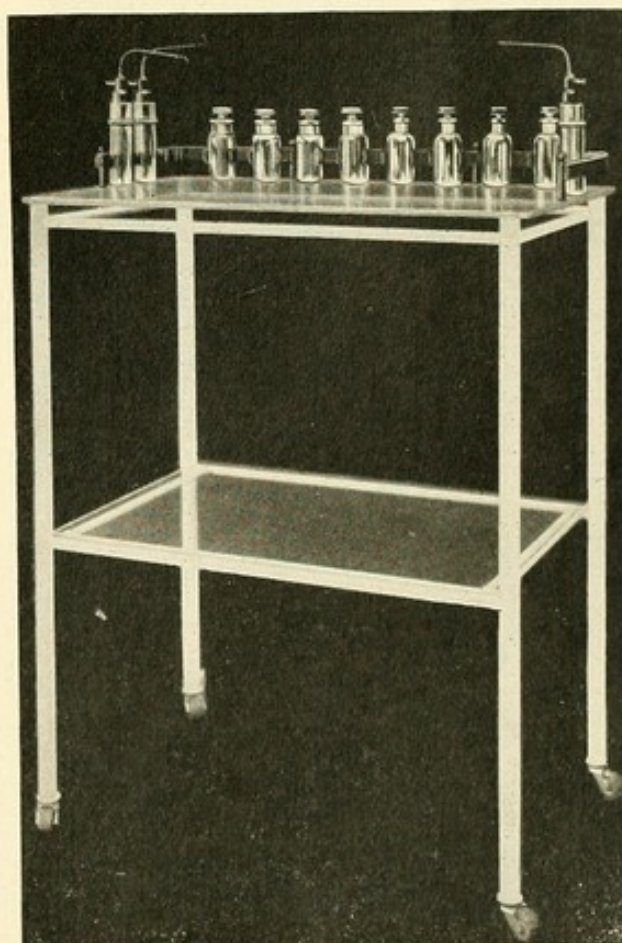
This table is strongly built, white enameled, and supplied with polished plate glass top and shelf, mounted on castors. Size—26 inches long, 16 inches wide and 32 inches high.

**W. C. 331,** has an oxidized guard rail, supplied with clips, holding eight assorted crystal, blue and amber colored bottles, and also three clips on each side for holding spray bottles.

Price, with eight assorted  
 colored bottles.....\$13.50

**W. C. 339.** Same size as above, with nickel plated rail on top and sides, without bottles or clips.....\$10.00

**W. C. 347.** Same size as above, with plain glass top, no rail.....\$9.00



**W. C. 331.**





W. C. 355.

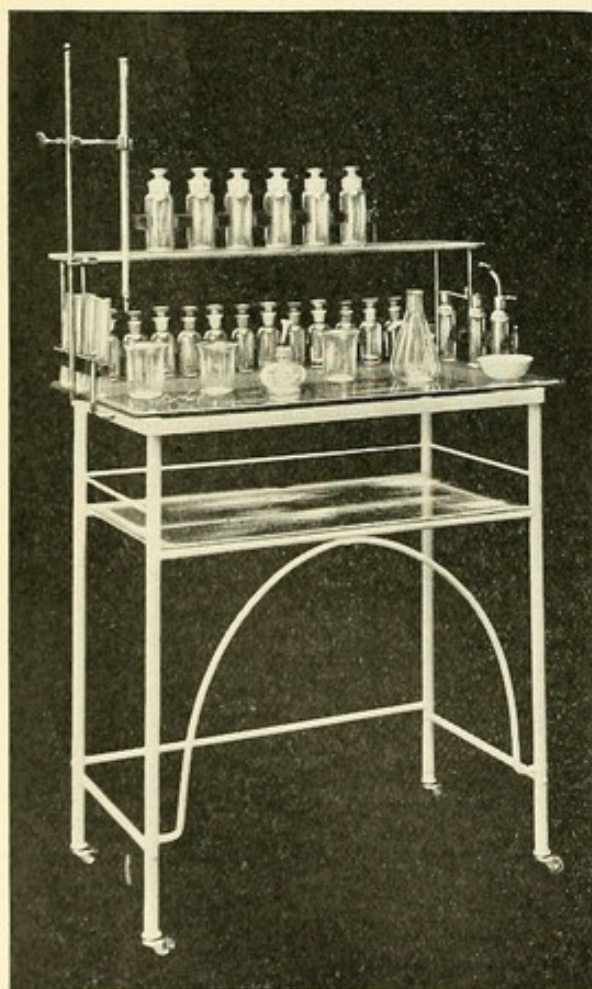
## NURSES' AND PHYSICIANS' TABLES.

### W. C. 355. Nurses' Writing or Physicians' Microscopic Table.

This is a convenient general table for the nurse for the conveyance of clinical charts, hypodermic syringes, and other sundry articles. A handsome white enameled table, with milk-white glass top, 3 glass lined drawers, having white beveled glass fronts. The table is arched in the front to permit the nurse to sit close up to the table. Many of these tables are sold for physician's use as a microscopic table.

Size of top, 30 x 18 inches.

Price.....\$20.00



W. C. 371.

W. C. 363. Same as above. without drawers..... 12.00

### W. C. 371. The Wocher-Leonard Chemical, Analysis and Microscopic Table.

This table is made entirely of iron, with glass top and 2 glass shelves. It is furnished with oxidized clips holding 12-2 oz. and 6-4 oz. glass stoppered bottles; also clips for test tubes, etc. The burette holder is fastened securely on the side. It is arched in the front to permit the doctor to sit close to the table.

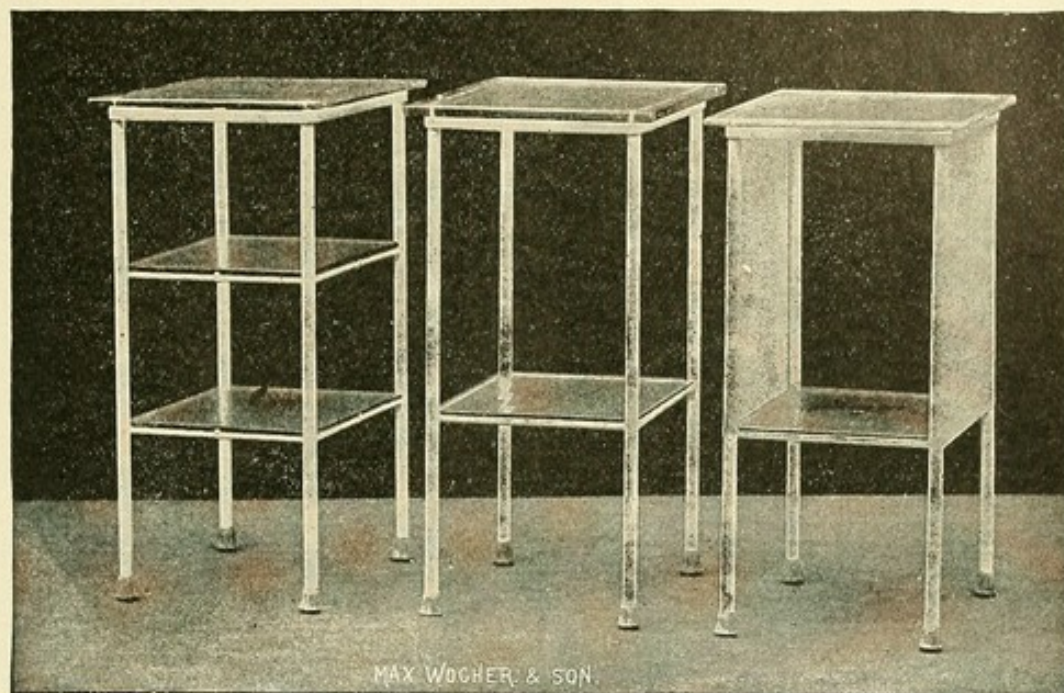
Size of top, 30 x 18 inches.

Price, complete.....\$35.00



## DRESSING AND INSTRUMENT TABLES.

Dressing Tables made entirely of iron and glass, and finished in white enamel, presenting a neat, clean and pleasing appearance for the office and hospital.



AF 10.

AF 11.

AF 13.

- AF 10\*, with glass top 16 x 20 inches, and 2 glass shelves; height, 32 inches, Packing, 60 cents. Price.....\$7.50; light grade \$6 00  
 AF 11\*, with glass top 16 x 20 inches, and one glass shelf.....\$6.00; light grade 5 00  
 AF 12, with glass top and 1 white enameled iron shelf 16 x 20 inches..... 6 00  
 AF 13\*, Cincinnati Hospital pattern, with glass top and white enameled iron shelf, and the two sides enclosed..... 10 00

Any of the above supplied with milk-white glass instead of the regular glass, add \$1.00 to price of best grade.



AF 15-18.

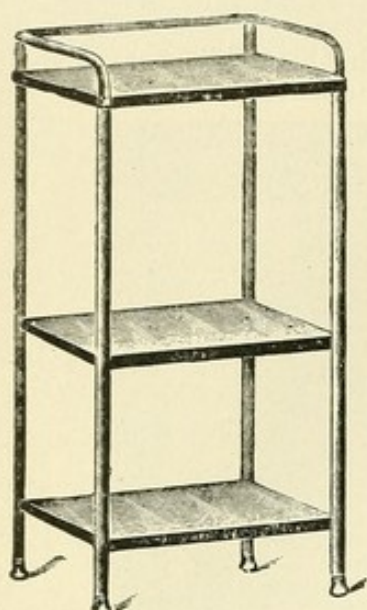
- AF 15\*, size 30 x 24 top, and 32 inches high, with glass shelf...\$18 00  
 AF 16, size 30 x 20 top, with glass shelf "most popular"..... 15 00  
 AF 17, size 30 x 20 top, no glass shelf ..... 12 00  
 AF 18, size 48 x 18 top, with glass shelf ..... 25 00  
 Any other size made to order at short notice.

**Milk-white Glass Supplied,** add to AF 15, \$2.50; AF 16, \$2.25; AF 17, \$1.75; AF 18, \$5.00.

All of the above tables have *riveted joints* instead of merely cast, and are more durable than the latter usually advertised.

All instruments designated with a \* are illustrated.





No. 1a.

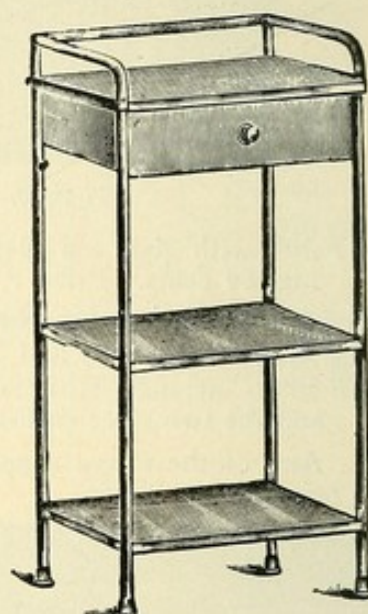
## DRESSING AND WASH STANDS FOR HOSPITAL BEDSIDE.

WHITE ENAMELED.

- No. 1a\* **Dressing Table.** With rail around three sides of top; size,  $15\frac{1}{2}$  x 14 inches; plate-glass top and two steel enameled shelves..... \$7 50
- No. 1b Same as No. 1a, with two plate-glass shelves.... 8 50
- No. 1c Same as No. 1a, with milk-white glass top and shelves ..... 9 50

- No. 2a\* **Dressing Table.** With steel drawer, white enameled; otherwise same as No. 1a.....\$10 00
- No. 2b With steel drawer, white enameled; otherwise same as No. 1a; with two plate-glass shelves.... 11 00
- No. 2c With steel drawer, white enameled; otherwise same as No. 1a; with milk-white glass top and shelves ..... 12 00

The latter having white glass throughout is the most satisfactory table.

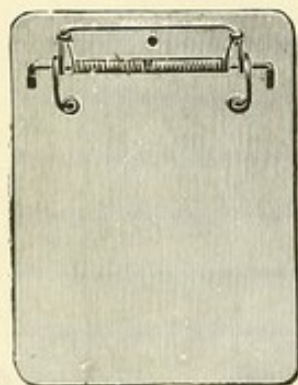


No. 2a.

## RECORD CHART FILE.

Made of Steel, White Enameled, Nickel Plated  
Spring Clip with Rubber Mountings.

ASEPTIC.



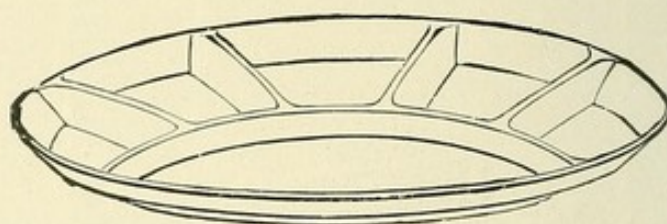
Dimensions :  $10\frac{1}{2}$  in. wide,  $13\frac{1}{2}$  in. long.

Dozen, \$8.40. Each, 80 cents.

## COMPARTMENT PLATES.

Made of Glass.

$12\frac{1}{2}$  inches diameter.

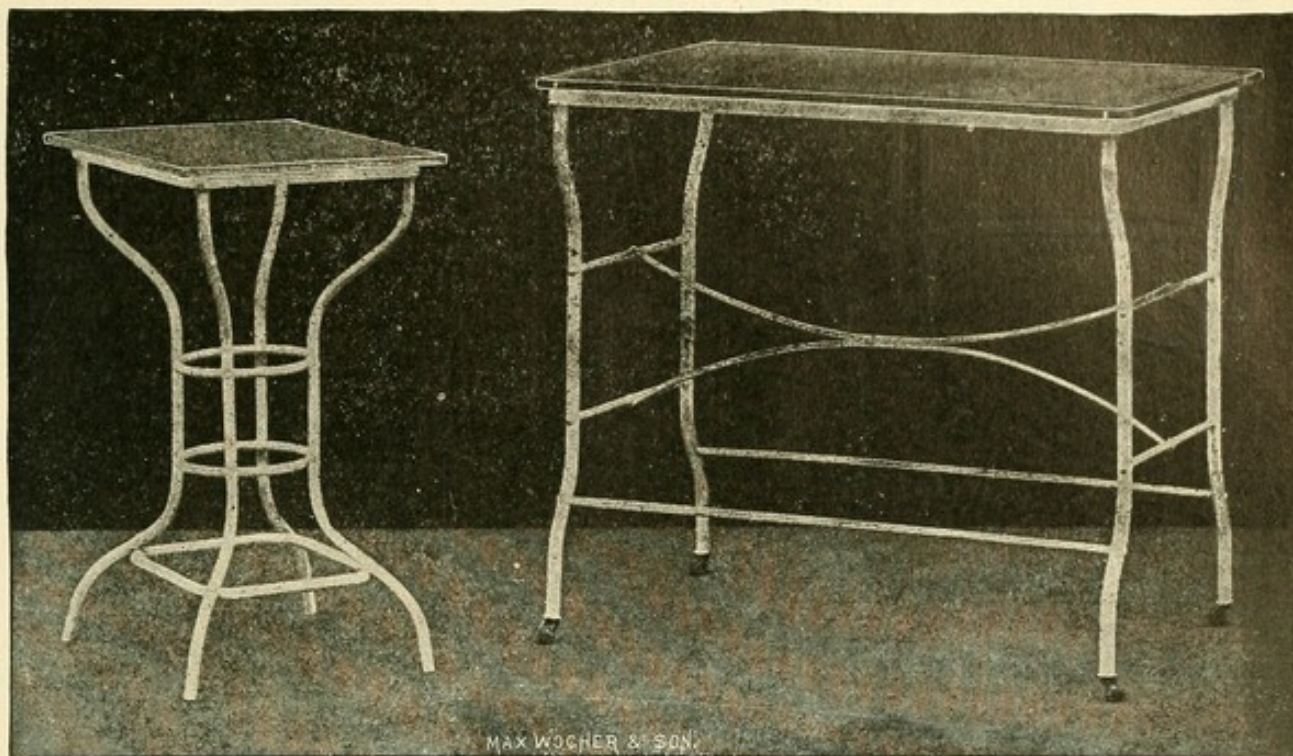


Clear Glass.

Price .....\$1 25



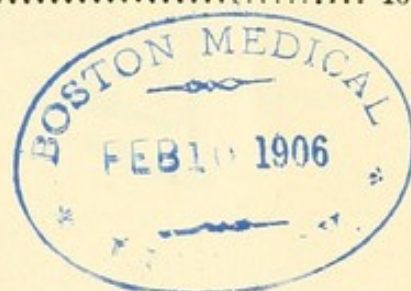
## OFFICE AND HOSPITAL FURNITURE.



No. 8.

No. 9.

No. 8	Dressing Table, size 16 x 20 inches.....	\$ 8 50
No. 9	" " " 36 x 24 " .....	16 00

ASEPTIC OFFICE-TREATMENT  
TABLE.

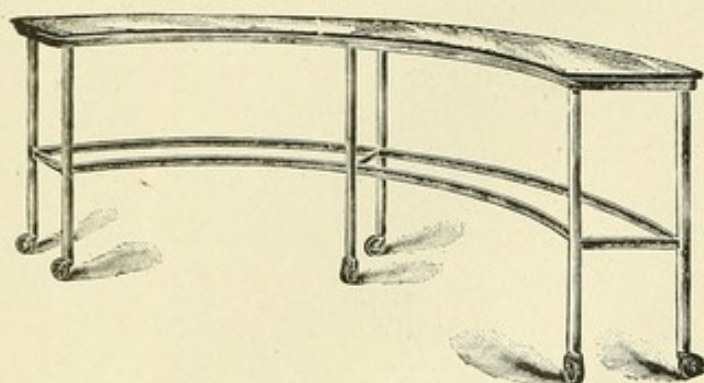
Handsomely white enameled, and supplied with 12 blue and amber-colored, glass-stoppered bottles, held in metallic spring clips, and is also equipped with 12 clips for holding spray tubes.

The shelf is supplied with a guard rail, and the front table support is bridged to allow a stool to be placed under it if desired.

Price, with 12 bottles, \$18.75.



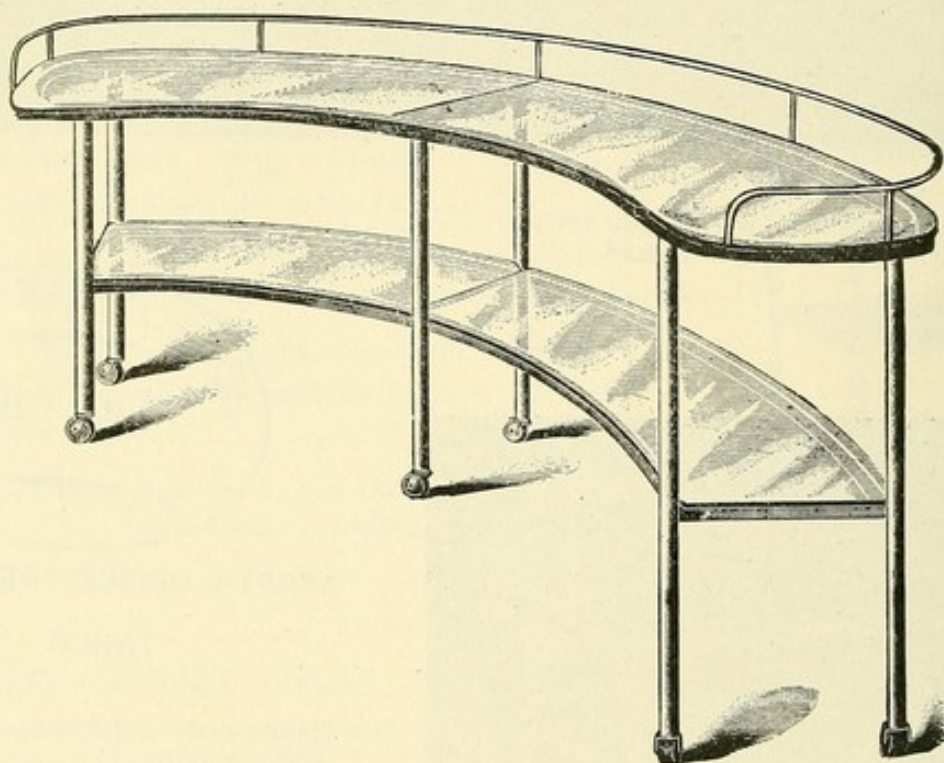
## DRESSING AND INSTRUMENT TABLES.



W. C. 539.

**W. C. 539. Instrument and Dressing Table.** Halstead pattern, John Hopkin's Hospital, semi-circular form, made of tubular wrought iron, white enameled, mounted on strong rubber wheels; the top is of heavy polished plate glass, 14 inches wide, and measures 64 inches across the inside circle, so as to entirely enclose the assistants from interruption. 32 inches high.

Price.....\$50.00



W. C. 547.

**W. C. 547. Instrument and Dressing Table.** Circular form, as made for Dr. Howard A. Kelly, (Baltimore, Md.,) Constructed of tubular wrought iron, white enameled, with heavy crystal polished plate glass top and shelf; table is mounted on six strong rubber wheels. Length, 72 inches; width of top, 16 inches; 36 inches high, with rail around the top surface.

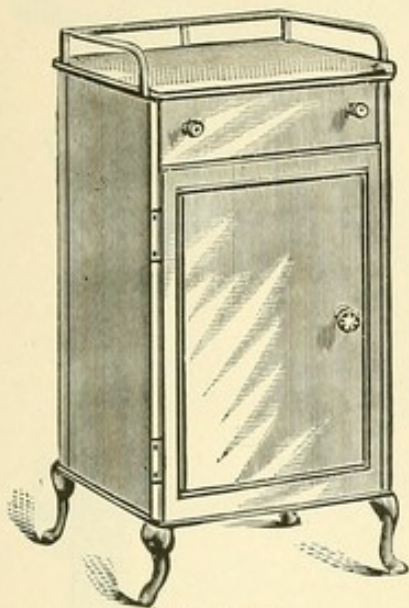
Price .....\$90.00

**W. C. 555. Instrument and Dressing Table.** Hall's, Cincinnati; form same as W. C. 539, with straight edge instead of circular top. 64 inches long and 14 inches wide, 32 inches high.

Price, with polished plate glass.....\$35.00

Price, with skylight glass..... 25.00



**ASEPTIC LOCKERS, TABLES, STANDS.**

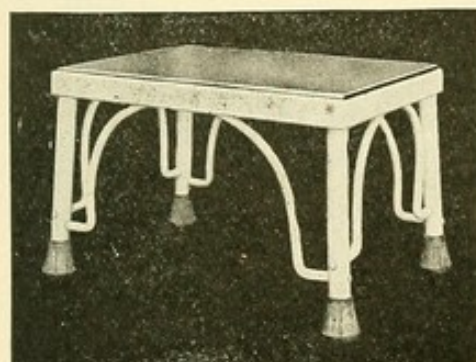
A. F. 26

**A. F. 26 THE BEDSIDE LOCKER (All Iron and Glass).**

The Cincinnati Presbyterian Hospital Favorite.

This cabinet is a necessity in every hospital for placing the patients' sundry articles in a handy out-of-view case, instead of exposing same to view and dust. Brushes, combs, hairpins, books, etc., can be placed in the large galvanized iron drawer, while bed pan, urinal, etc., can be placed in the cabinet. The latter has two compartments, with door. It is made of galvanized iron throughout, white enameled on the outside. The top is milk-white glass, and makes a beautiful appearance in any hospital.

Price, each, \$15.00; in dozen lots, \$12.00 each.

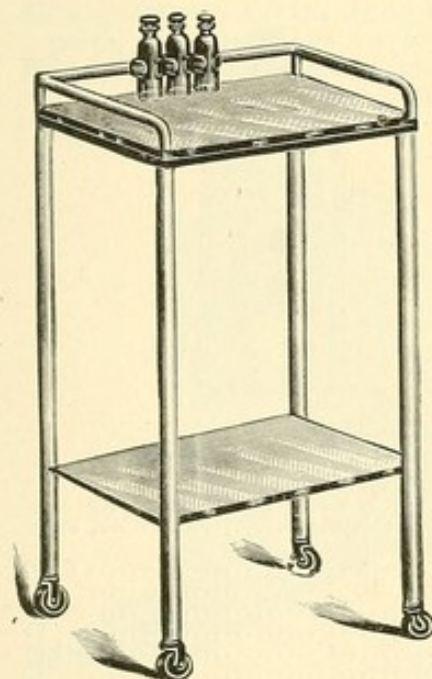


A. F. 27

**A. F. 27 Glass Top, Foot Step,** for assisting patient on operating table.

Heavy construction.

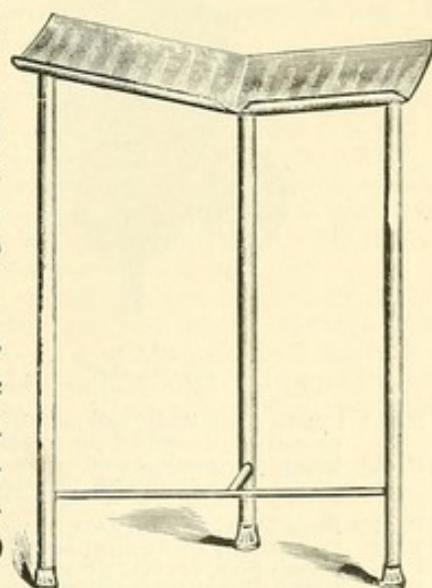
Price.....\$8 00



A. F. 29

**A. F. 29 Table for Anæsthesia,** with white glass top and shelf, and supplied with three large drop bottles, held in spring clamps, for chloroform, etc.....\$13.50

**A. F. 31 Table Stand,** Lange's all metal, white enameled, provided with slanting top to drain instruments. A handy table for the operator. \$5.00



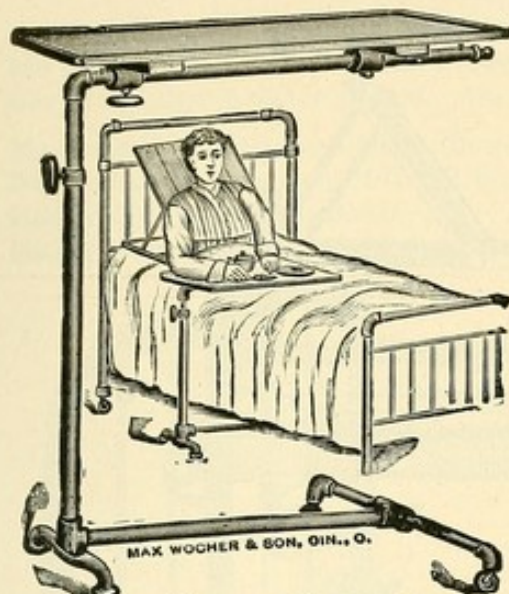
A. F. 31







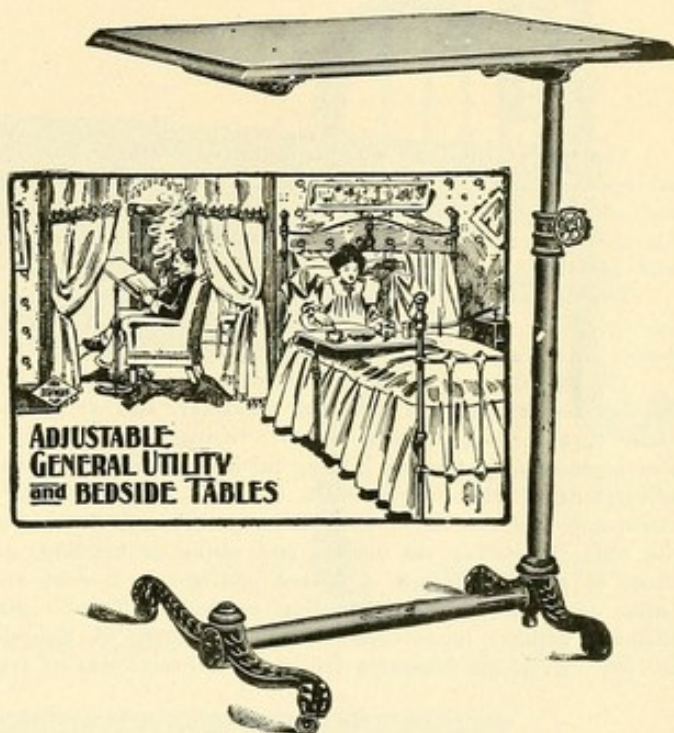
## BEDSIDE TABLES AND BACK RESTS.



## THE QUEEN BEDSIDE TABLE.

Can be raised, lowered or tilted, allowing the invalids to eat their meals with comfort while in bed; also convenient for holding books while reading.

Queen, black finish,	\$3.50
" white finish,	4.50

SIDWAY ADJUSTABLE  
GENERAL UTILITY AND BEDSIDE  
TABLES.

These tables are the result of much study, and in design, finish, strength and wide range of uses are unequalled. The illustrations herewith merely suggest a few of the many uses to which they are applicable; their daily use will demonstrate many others.

These tables are artistic in design, elegant in finish, substantially made, and are intended for daily service. The construction is simple and adjustments can be easily made by anyone.

The tops for Nos. 1 to 5 are 18 x 27 inches, and table weighs 22 pounds; packed ready for shipment in a box 19 x 28 x 4 1/4 inches, weighs 33 pounds. Tops for No. 30, 18 x 24 inches, packed 6 in a case.

Sidway No. 1.—Bronze brown, metal parts, with golden oak, hand rubbed, and finished top, \$4.50

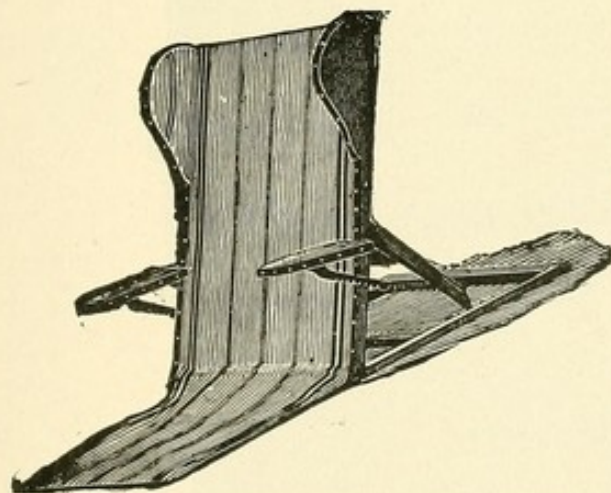
Sidway No. 2.—Cream white metal parts, with bird's-eye maple tops, 5.25

Sidway No. 3.—Oxidized copper metal parts, with piano finish, quarter-sawed oak tops, \$6.50

" " 4.—Full nickel-plated " " with quarter-sawed oak or bird's-eye maple top, 7.50

" " 5.—Brass-plated " " with top same as No. 4, 7.50

" " 30.—Black " " " " " No. 1, 4.00



No. 4 Back Rest, with both arms and head-rests,

**The "Solid Comfort" Rest** is a convenience which, having once employed, no one would do without. It relieves much of the discomfort of temporary illness, and is simply indispensable to such as are compelled to endure a prolonged siege of sickness and the invalids who have to spend most of their time in bed.

To the attendants in the sick room it does away with much arduous labor. It can be used with or without a pillow, or can be placed under a mattress if preferred. It will be seen by accompanying illustrations that we make them in a variety of styles.

No. 1 Back Rest, without arms or head-rests, oak frame, \$2.75

No. 2 Back Rest, with arms, but without head-rests, oak frame, 3.50

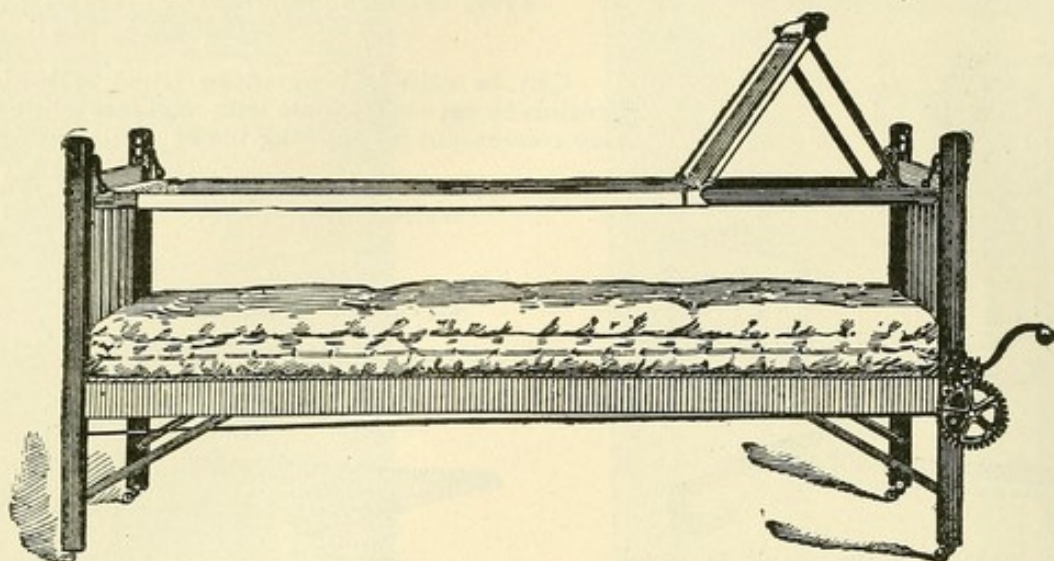
No. 3 Back Rest, with head-rests, but without arms, 3.50

No. 4 Back Rest, with both arms and head-rests, 4.20



## THE HAMMOCK INVALID FOLDING BED.

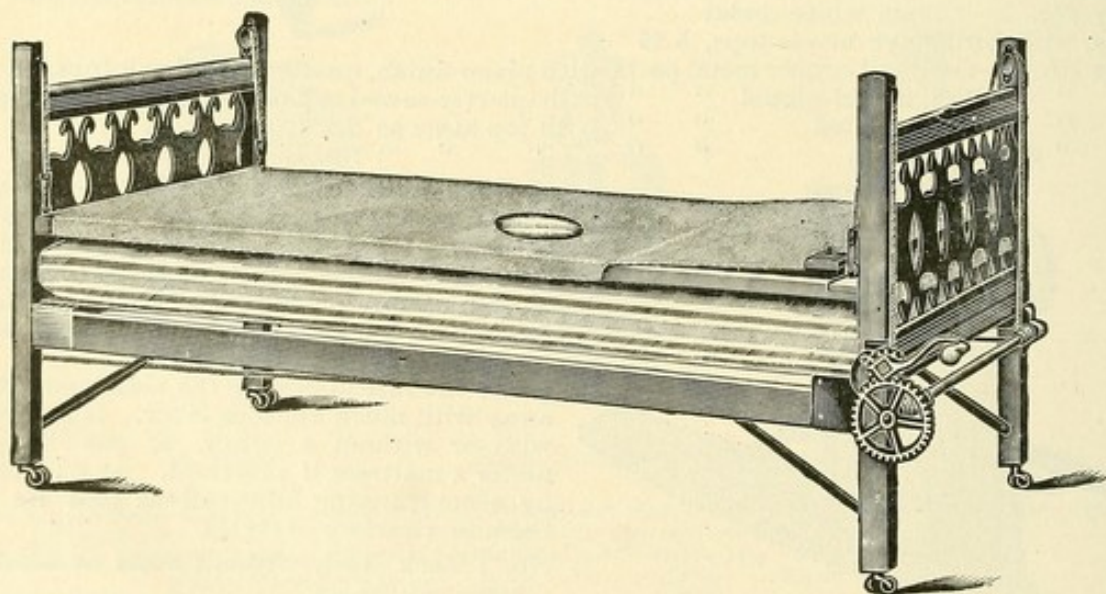
Indispensable in Hospital or Private Family.



The use of this bed will be found exceedingly helpful in the treatment of all acute and chronic diseases, paralysis, rheumatism, consumption, continued fevers, heart disease forbidding recumbent position, fractures and other severe injuries and surgical operations; it serves excellently for a couch during the lying-in-period. All the special features can be removed with a screw-driver, leaving a neat and convenient folding bed with nothing suggestive of the use for which it was intended.

The Hammock Invalid Folding Bed is 3 feet wide by 6 feet 6 inches in length; of hard wood with woven spring bottom and handsomely finished. The head and foot are firmly attached to the frame by double iron braces and fold entirely beneath it when not in use, without disturbing the hammock or bedding.

The arrangement of pulleys, cords and windlass, by which the various changes of position are made, is of the most simple and practical character, and so perfect in action that a child twelve years old can easily care for the helpless patient, lifting him entirely from the bed, raising and lowering the head or feet separately, or turning him by raising either side of the frame. The changes are effected by an easy adjustment of the pulley cords, and a few revolutions of the crank, and held at any point by an automatic key and ratchet. The Hammock feature is one of the most valuable of the many good points of the bed; facilitating the change and airing of bedding, giving patient the relief of being lifted by a few turns of the crank from a heated mattress to a cool and comfortable hammock, securing perfect ventilation of the body and preventing bed-sores. The circular opening in the canvas enables the use of a chamber without inconvenience or discomfort. A screw pulley is provided for insertion at any point on the foot rail of the hammock frame for the treatment of fractures of the leg by weight extension.



PRICE, F. O. B.

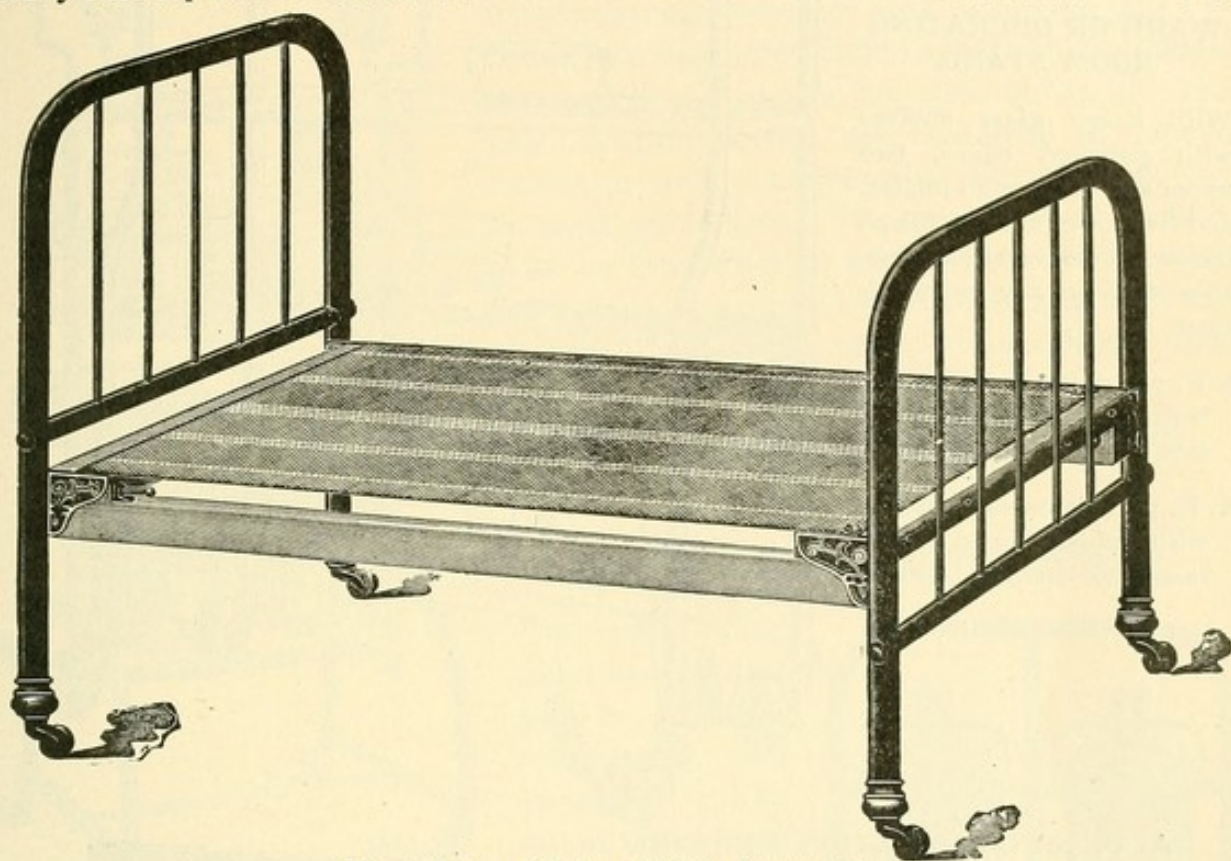
Bed with woven wire spring bottom, hammock and head-rest .....	\$25.00 net
Cotton top mattress, extra quality.....	3.00 net
Curled hair mattress.....	10.00 net



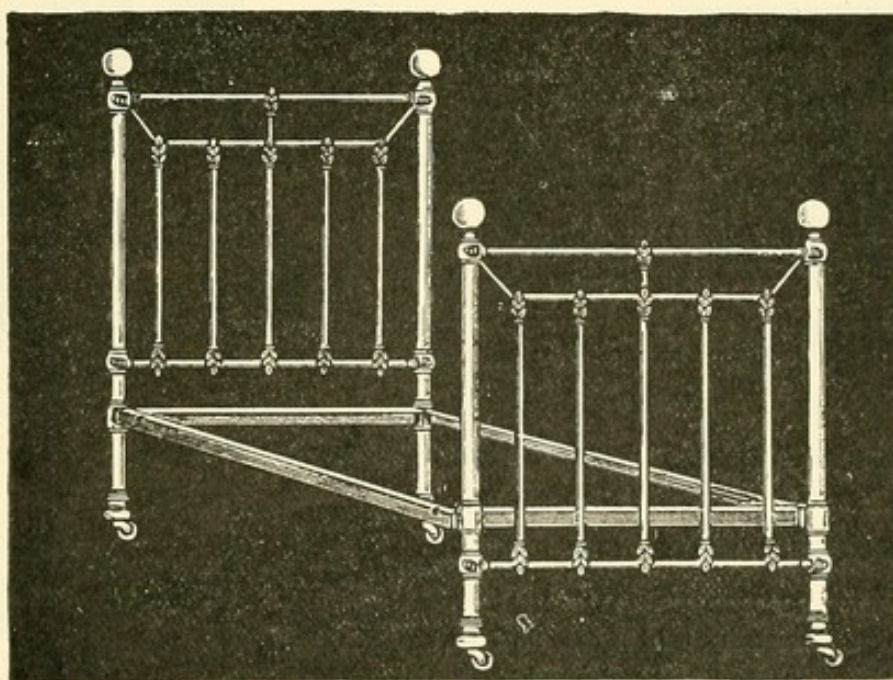
## IRON BEDSTEADS.

We aim to furnish everything required in a hospital, at the lowest ruling prices. Bedsteads are made in many qualities, and illustrations are often deceiving, as the cost depends on the size of tubing and material used. We herewith illustrate the most popular Hospital Beds.

- No. 1 Bed. White enameled, with woven-wire mattress and castors, as shown.....\$8 00  
 No. 2 Bed. White enameled and brass knobs, with woven-wire mattress and castors.... 9 00  
 Heavy Cotton-top Mattress.....extra, 2 00  
 Heavy Felt-top Mattress..... " 15 00



No. 1 Bed. All Iron, White Enameled.



No. 2 Bed. All Iron, White Enameled.



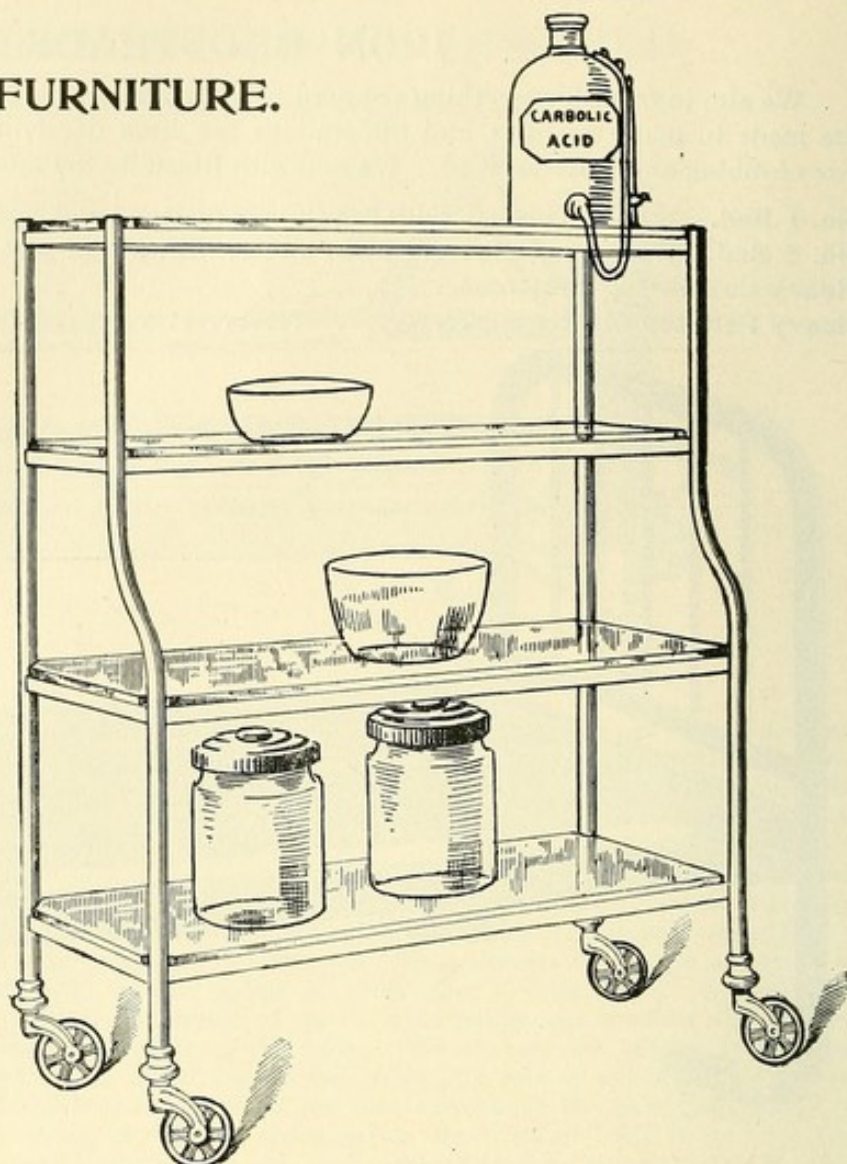
## ASEPTIC FURNITURE.

### WARD OR OPERATING ROOM STAND

With heavy glass shelves with polished edges, two upper shelves 14 x 48 inches, and two lower shelves 20 x 48 inches. This is an indispensable stand in any operating room.

A. F. 76, as shown on illustration, with rubber castors .....\$43 00

A. F. 78. Same as above, with rubber-tipped legs instead of castors...\$40 00



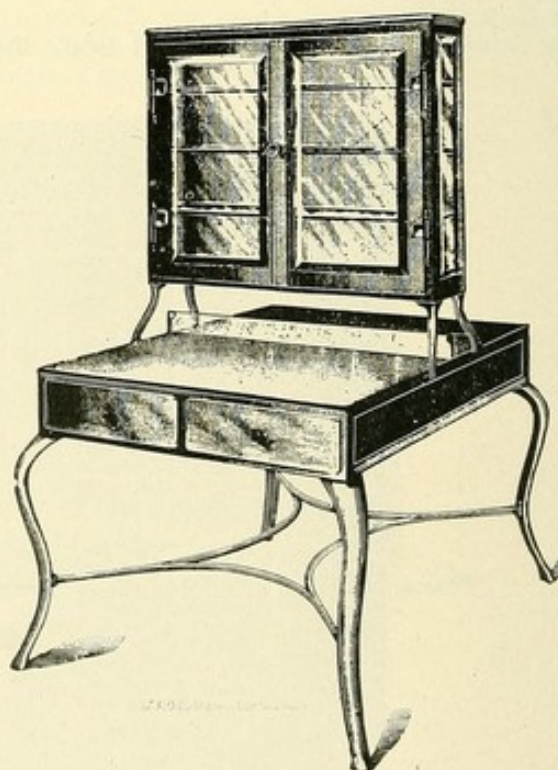
### A. F. 79 COMBINATION MEDICINE CABINET AND NURSES DESK.

Used in many hospitals, in wards or nurses' rooms; constructed of steel; white enameled. Cabinet is 36 inches wide, 30 inches high, and 8 inches deep, and has plate glass in doors, sides and back; three heavy polished plate shelves, adjustable in height; the top of the stand is 30 inches high, 36 inches wide, and is covered by a heavy polished glass plate; one side of the stand has two white enameled drawers.

Price with two sets of Double Doors,  
front and back.....\$125 00

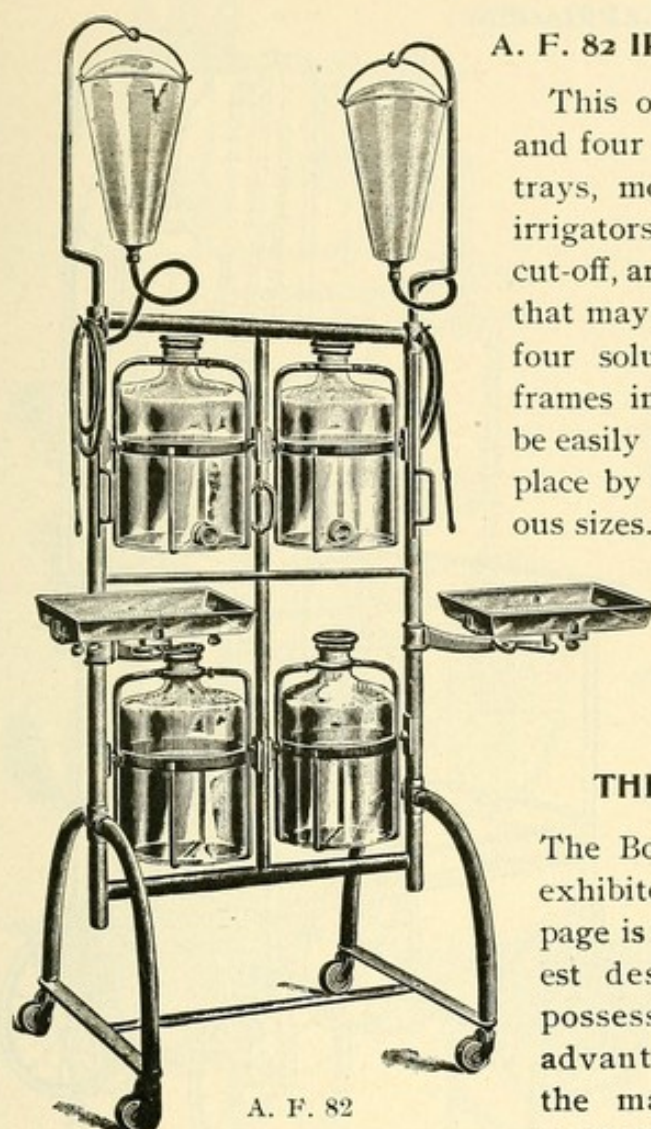
Price with Metal Back and 2 Front  
Doors, as per cut..... 115 00

Price of above outfit with straight legs. 25 00 less





## ASEPTIC FURNITURE.



A. F. 82

### A. F. 82 IRRIGATOR AND SOLUTION STAND.

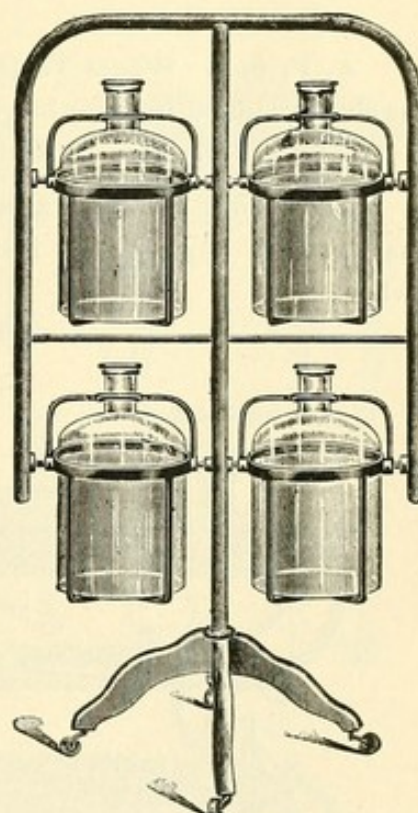
This outfit consists of two conical irrigators and four solution bottles, together with two glass trays, mounted on jointed arm brackets. The irrigators, each complete with discharge pipe and cut-off, are suspended from bayonet-shaped shafts that may be adjusted to any desired height. The four solution bottles are contained in hinged frames in such a manner that the contents may be easily withdrawn. The glass trays are held in place by brackets that may be regulated to various sizes. The whole outfit is strongly built and mounted on a frame placed upon heavy casters.

Price, complete..... \$75 00

### THE IMPROVED BOTTLE STAND.

The Bottle Stand exhibited on this page is of the latest design, and possesses many advantages over the many other patterns made.

The central standard, mounted in a heavy base, is employed to support the entire number of bottles included in the outfit. Saturated and other stock solutions are usually contained in bottles holding from two to five gallons, because of the weight of packages they are found difficult to handle. The bottles are placed in swinging frames, mounting a series of them in some form of a standard, and are hinged just above their centers, in order that they may be easily overturned and their contents quickly withdrawn.



A. F. 86

### PRICE LIST.

A. F. 84.	With Three Three-Gallon Glass-Stoppered Bottles.....	\$30 00
A. F. 85.	Same, with Two Bottles.....	25 00
A. F. 86.	With Four Three-Gallon Glass-Stoppered Bottles.....	33 00
A. F. 87.	Same, with Six Three-Gallon Glass-Stoppered Bottles.....	44 00
A. F. 88.	Same, with Eight Three-Gallon Glass-Stoppered Bottles...	55 00



## ASEPTIC HOSPITAL FURNITURE.

## WARD CARRIAGES.

**A. F. 90. Wheel Table**, designed for hospital wards in transporting irrigators, gauzes, trays and articles necessary in dressing wounds. It has polished glass top and shelf, size 29 x 21 in., and is mounted on four 12-in. rubber-tired wheels. Rubber or glass irrigators can be hung on the upright.

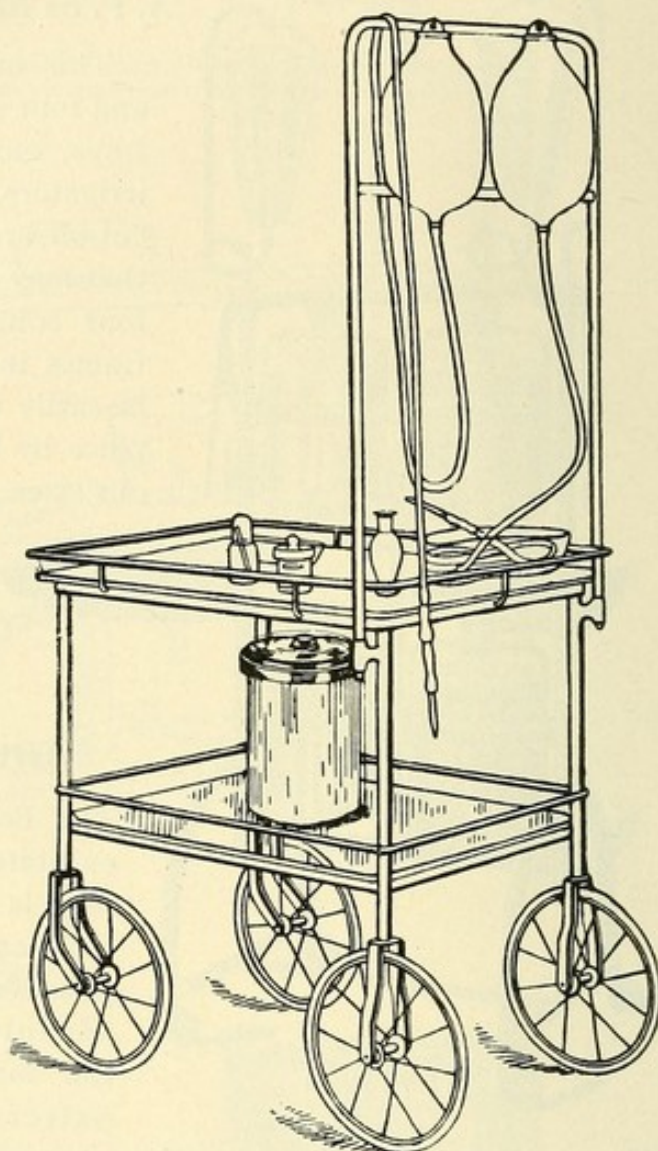
Price .....\$35 00

**A. F. 90a. Wheel Table**, same as above, without irrigator bracket.

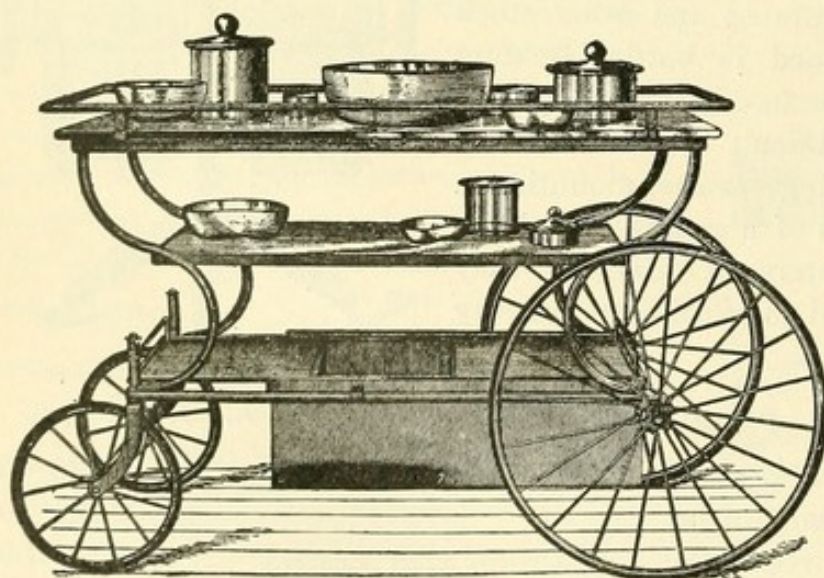
Price .....\$30 00

**A. F. 90b. Wheel Table**, same as 90a, with large castors instead of wheels.

Price .....\$20 00



A. F. 90



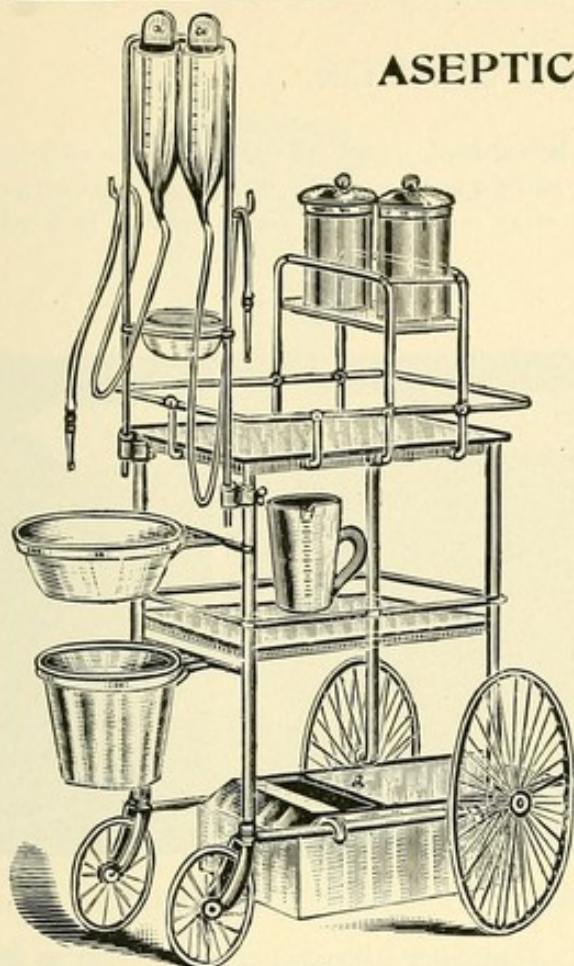
A. F. 91

**A. F. 91 Carriage** for conveying dressing material and general requisites through the wards; dimensions of top plate 50x20 in. dimensions of glass shelf 36x16 in.; underneath the carriage is a receptacle with sliding covers for dressing material; it can be detached, and is made of enameled iron; dimensions 36x16 in.; 9 in deep .....\$65 00

**The Same Ward Carriage**, with attachment holding 2 irrigator bottles of 4 qts. capacity, completely fitted up .....\$80 00



## ASEPTIC FURNITURE.



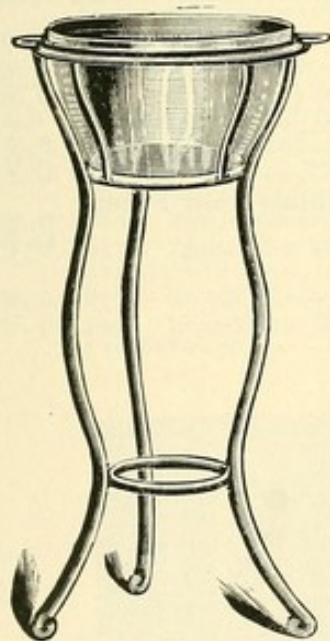
A F 93.

**A F 93\* Ward Carriage, Christ Hospital Pattern.**

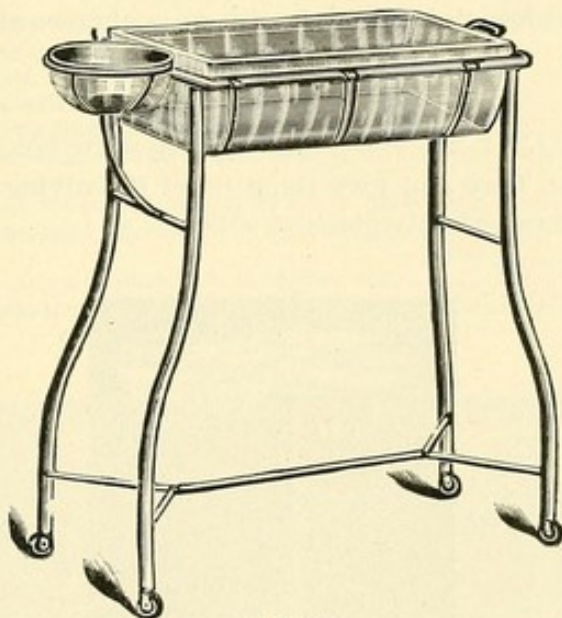
This comprises one of the most complete carriages for dressing patients. It is filled in the sterilizing room and then taken to the various wards or private rooms.

It consists of a strongly built frame mounted on rubber-tired steel wheels, has two white glass shelves, removable waste receptacle, irrigators, dressing jars, solution bowl, waste bowl and sundries articles can be placed on the shelves, which are supplied with guard rails.

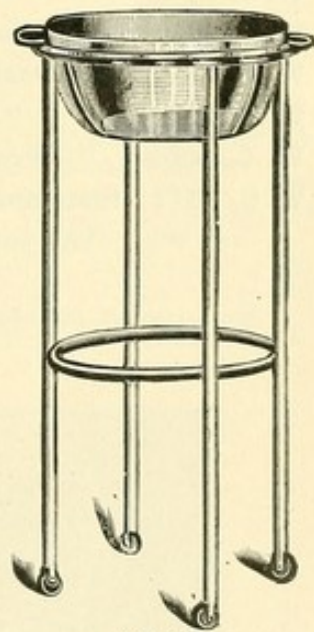
Price .....\$100 00



A F 95.



A F 97.



A F 100.

- A F 95\*** Immersion Wash Stand for Operating Room, wide form, with heavy crystal glass bowl. The basin is supported in a portable steel basket so that it may be carried about without risk of breakage.....\$ 11 00
- A F 97\*** Immersion Stand for Arms, with crystal glass trough  $8\frac{1}{2}$  in. wide 22 in. long and  $5\frac{1}{2}$  in. deep, with crystal glass bowl for alcohol attached.....\$ 25 00
- A F 98** Same as A F 97\*, without small bowl.....\$ 20 00
- A F 99** Same as A F 98, with steel enameled bowl 16 in. wide, 24 in. long and 6 in. deep.....\$ 16 50
- A F 100\*** Immersion Stand, with heavy crystal bowl as Fig. A F 95.....\$ 11 00

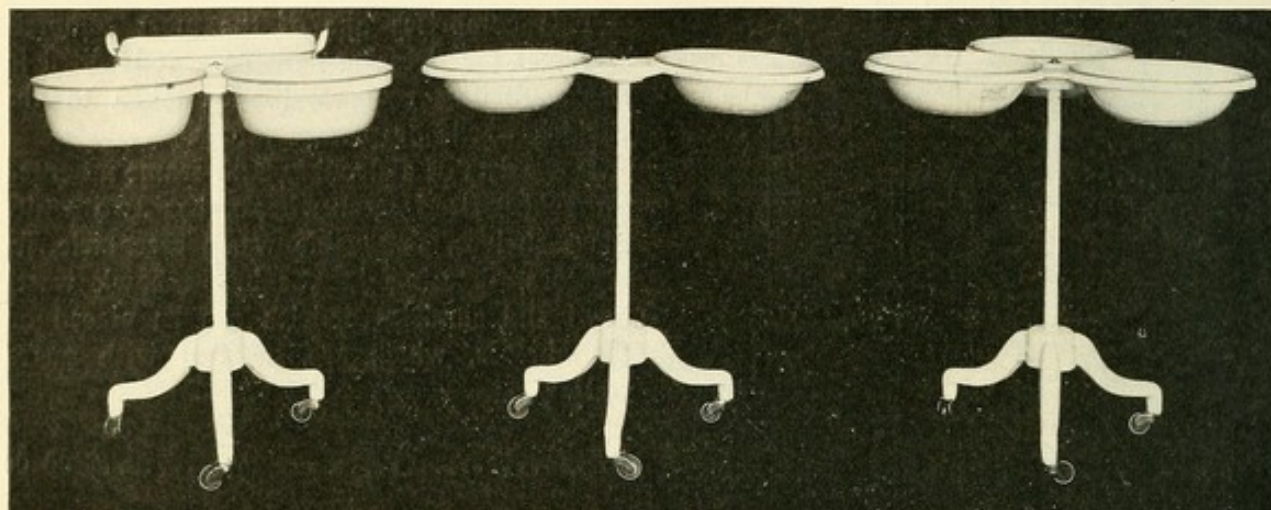
All instruments designated with a \* are illustrated.



## IMMERSION BOWL STANDS.

All our stands have a substantial heavy base of latest design, and are not as light in weight as some offered at same price, which tip over easily and do not revolve. *Our bowls revolve on top of standard* and are also supplied with lignum vitae casters. Our white enamel is hard baked and high finish.

The Enameled Ware is the best Austrian make.

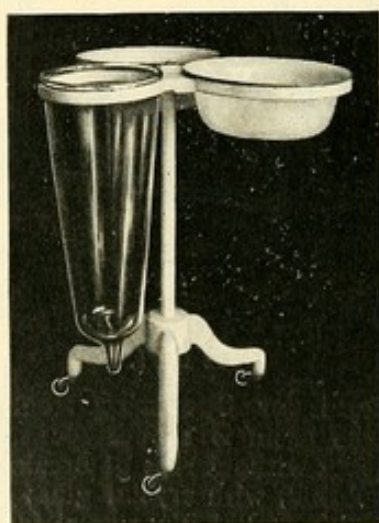


W. C. 1011.

W. C. 987.

W. C. 963.

W. C. 963.	Three Basin Revolving Stand,	as cut, all white.....	\$7.75
W. C. 971.	" " " " "	with white, blue and amber basins,	9.00
W. C. 979.	Three Bowl Revolving Stand,	with deep white bowls.....	9.00
W. C. 987.	Two Basin " " "	as cut, all white.....	5.00
W. C. 995.	" " " " "	with a white and blue basin.....	6.00
W. C. 1003.	" Bowl " " "	with deep white bowls.....	6.00
W. C. 1011.	Instrument Tray and Two Deep Bowl Revolving Immersion Stand,	as cut. (This is an exceedingly practical outfit) .....	13.50

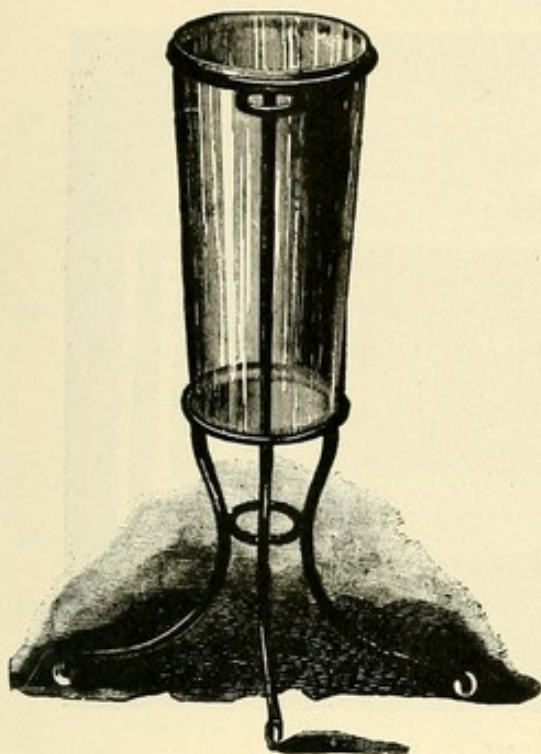


W. C. 1019.

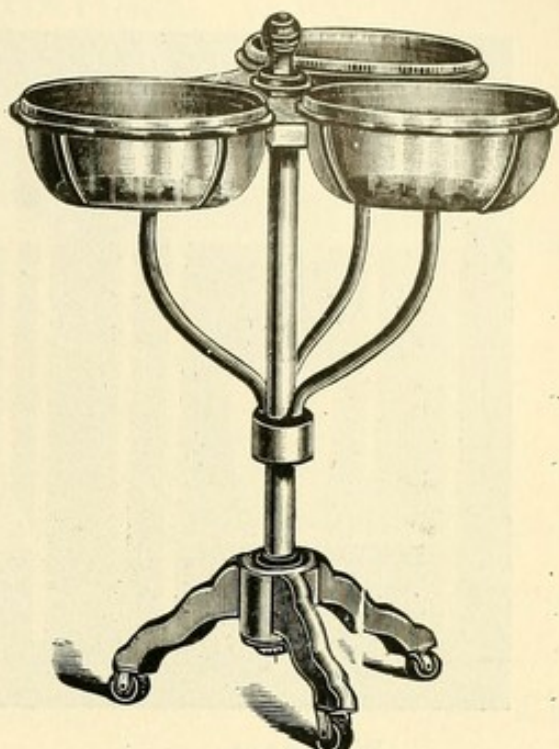
W. C. 1019.	Glass Arm Immersion Bowl, and Two Deep Bowl Revolving Stand,	as cut. (The glass bowl is supplied with stop cock on bottom for draining same).	\$13.50
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## WASH STANDS.

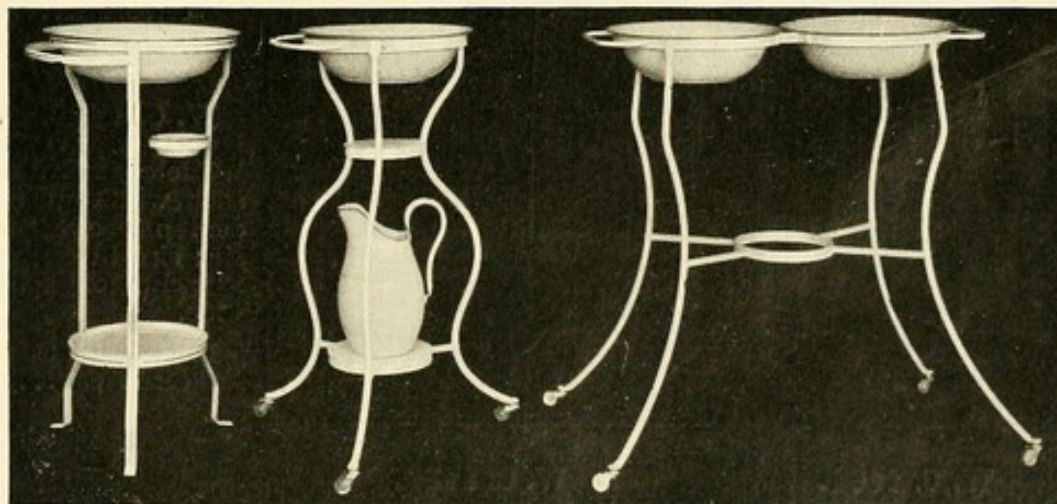


W. C. 1091.



W. C. 1075.

- |                                |   |  |         |
|--------------------------------|---|--|---------|
| <b>W. C. 1027.</b>             | <b>Aseptic Automatic Washstand.</b>                               | Bottles, 38 inches from floor; all iron, white enamel finish; lower platform, 19x22; one gallon bottles.....   | \$45.00 |
| <b>W. C. 1035.</b>             | <b>Same.</b>  | Platform of glass plate; lower platform, 24x17; bottle platform, 24x9; 3 gallon bottles of different colors; by stepping upon lever, water will escape ..... | 50.00   |
| <b>W. C. 1043<sup>o</sup>.</b> | <b>Aseptic Two-Basin Washstand,</b>                               | with 13½ inch enameled basins, white enameled stand ..   | 6.50    |
| <b>W. C. 1051.</b>             | <b>“ Three-Basin “</b>  | “ “ “ “ “ “ “ “ “ “ ..   | 9.00    |
| <b>W. C. 1059<sup>o</sup>.</b> | <b>“ One-Basin “</b>  | “ “ “ “ “ “ “ “ “ “ ..   | 4.00    |
|                                | (without pitcher).....  |  | 2.25    |
| <b>W. C. 1067<sup>o</sup>.</b> | <b>Plain Japaned One-Basin Washstand,</b>                         | with 13 inch basin.....  | 2.25    |
| <b>W. C. 1075<sup>o</sup>.</b> | <b>Revolving Three-Glass Bowl Washstand,</b>                      | with one each, red, blue and crystal, 12-inch glass bowls, handsome design .....   | 20.00   |
| <b>W. C. 1083.</b>             | <b>Bowls, Glass, red, blue or crystal, 12 inches in diameter.</b> | .....each,   | 3.75    |
| <b>W. C. 1091<sup>o</sup>.</b> | <b>Immersion Washstand, McBurney's,</b>                           | with deep conical bowl for dipping the arm, iron frame, white enamel. ....   | 8.25    |
| <b>W. C. 1099.</b>             | <b>Bowls, Glass, 9 inches in diameter, 16 inches deep.</b>        | .....  | 3.50    |
| <b>W. C. 1107.</b>             | <b>Immersion Washstand, wide form,</b>                            | with blue glass bowl, 15 inches in diameter, and 8 inches deep .....   | 11.00   |



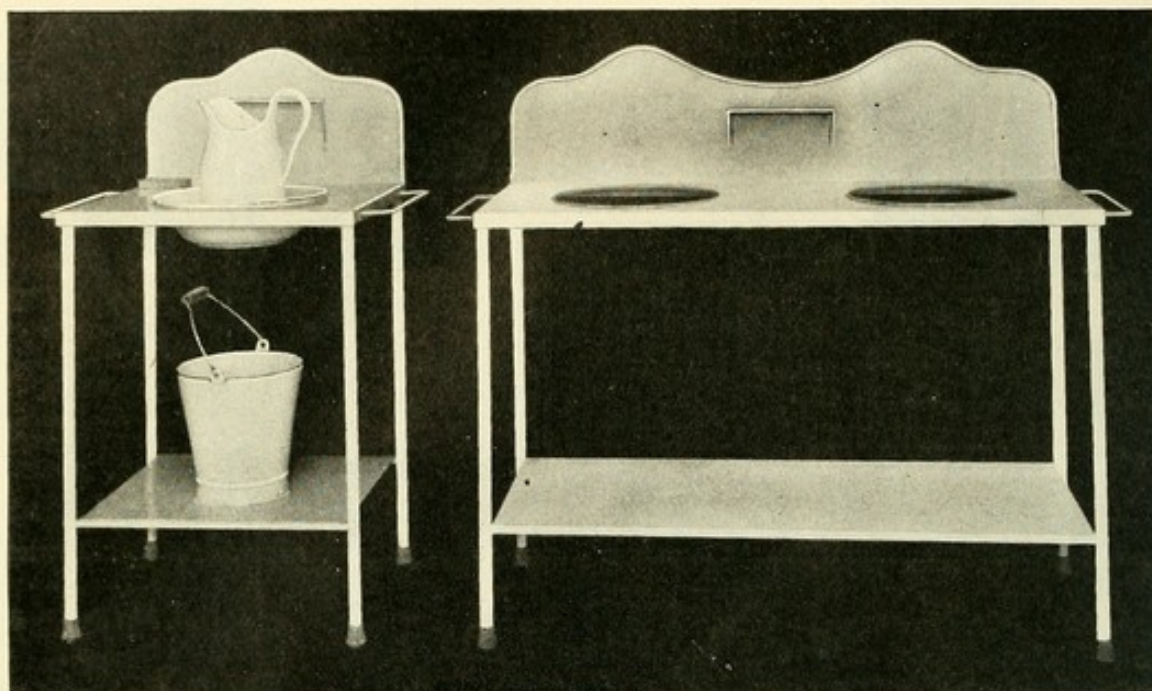
W. C. 1067.

W. C. 1059.

W. C. 1043.



## WASH STANDS. WHITE ENAMELED.



W. C. 1115.

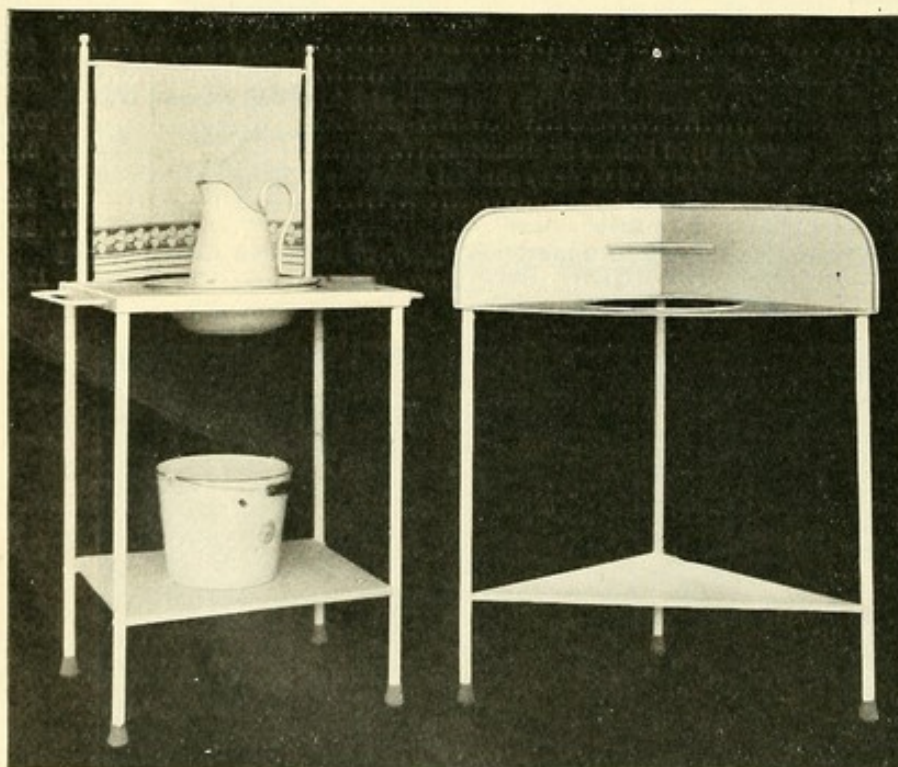
W. C. 1123.

**W. C. 1115. Single Wash Stand**, with white enameled top, back and shelf, and two towel racks; for a 13½-inch basin; size, 31 inches high; 22 inches long; 18 inches wide.

Price, without accessories.....\$8.50

**W. C. 1123. Double Wash Stand**, heavy design, with white enameled top, back and shelf and two towel racks, for 13½-inch basin; size, 31 inches high; 44 inches long; 18 in. wide.

Price, without accessories.....\$14.00



W. C. 1131.

W. C. 1139.

**W. C. 1131. Single Wash Stand**, with frame for splasher or curtain, white enameled top and shelf, and two towel racks, for 13½-inch basin; size, 31 inches high; 22 inches long; 18 inches wide.

Price, without accessories.....\$8.50

**W. C. 1139. Corner Design Washstand**. White enameled top and shelf, with towel rack under top, for a 13½-inch basin; size, 31 inches high; 22 inches long; 18 inches wide.

Price, without accessories.....\$12.50

### Wash Stand Accessories of Best Imported Enameled Ware.

13½-inch Wash Basin, each.....\$0.65  
4-quart Pitchers, each..... 1.35

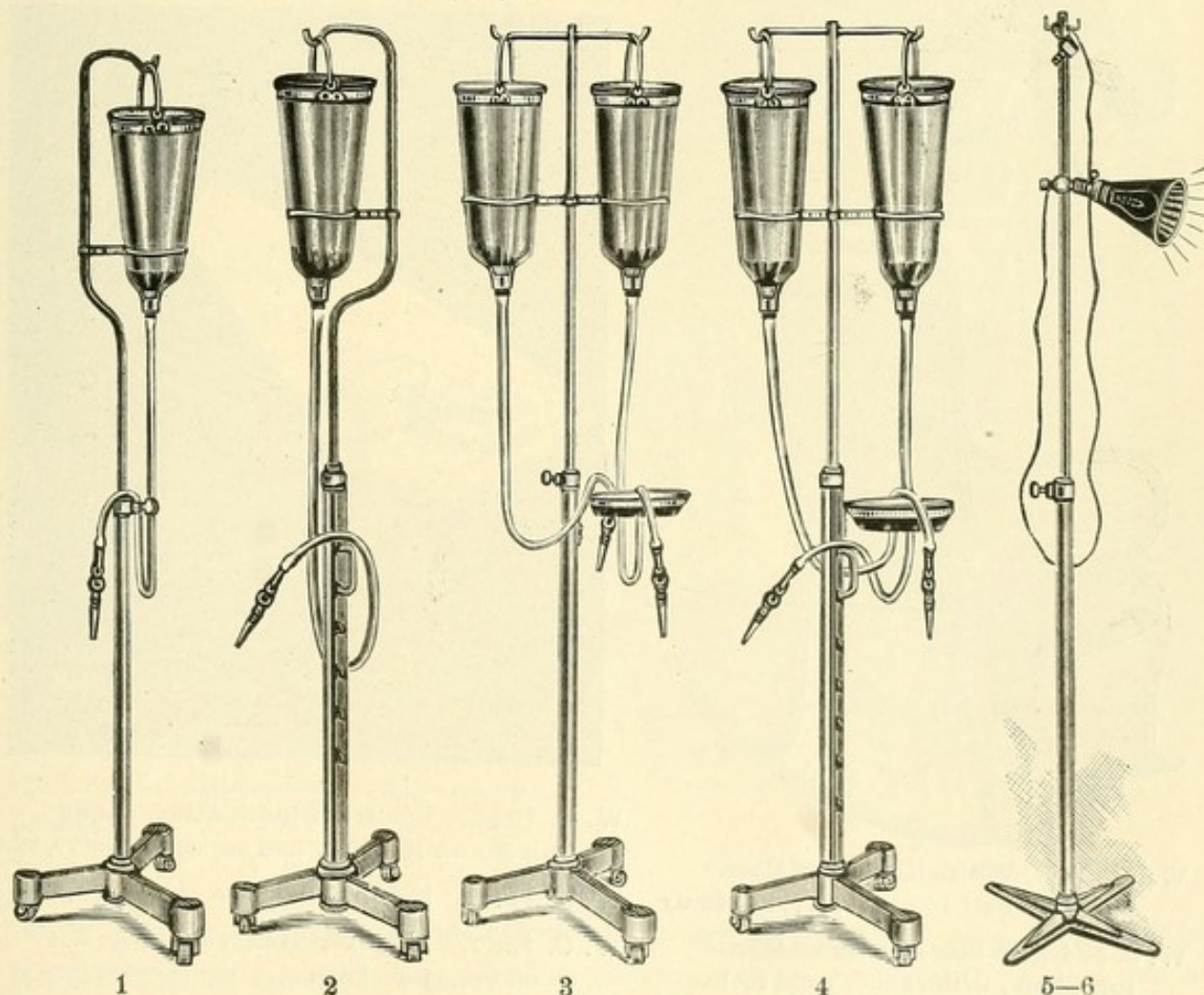
10-quart Waste Pail, each.....\$1.20  
Soap Dish, each..... 0.50



## WOUND IRRIGATORS.

- 1\* **Extension Irrigator Stand**, Wocher's. Extreme height, 8 feet. This stand is the handsomest on the market; has heavy iron base and is supplied with casters. Stand is finished in white enamel. Irrigator capacity  $1\frac{1}{2}$  gallons, and is supplied with tubing, Esmarch shutoff and enameled drip pan.....\$10 00
- 2\* **Extension Irrigator Stand**, with upright standard notched with handhold to secure strong hold, requiring no set screw to hold irrigator at various heights. With  $1\frac{1}{2}$ -gallon irrigator, tubing and Esmarch shutoff..... 15 00
- 3\* **Double Irrigator Stand**, with two irrigators, otherwise as No. 1 ..... 15 50
- 4\* **Double Irrigator Stand**, with upright standard notched, otherwise as No. 2..... 18 50
- 5\* **Irrigator Stand**, for fountain syringe..... 4 00
- 6\* " " " " " with electric multiple-mirror reflector and adjustable joint connecting wires, key socket, etc..... 8 00

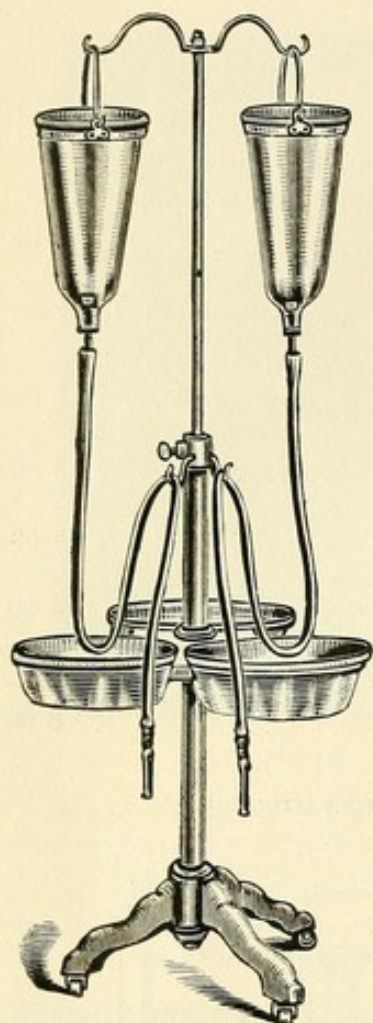
Any of the above stands furnished with smaller or larger irrigator as may be desired.



All instruments designated with a \* are illustrated.



## IRRIGATOR AND IMMERSION STANDS.



W. C. 1219.

**W. C. 1219. Combination Double Irrigator and three Basin Immersion Stand.**

A practical combination at the price of one.

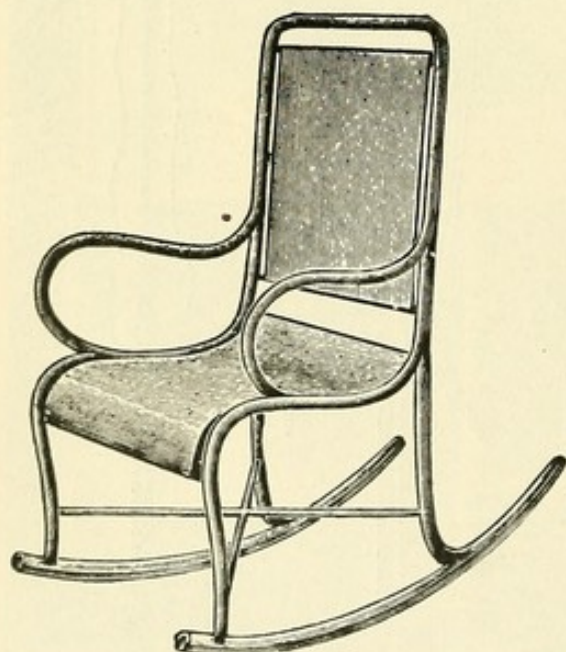
The bowl stand has a revolving feature with a ruby, white and blue basin, and the extension irrigator has two receivers with all necessary accessories and nickel-plated connections.

A beautiful and practical outfit.

Price .....\$20.00

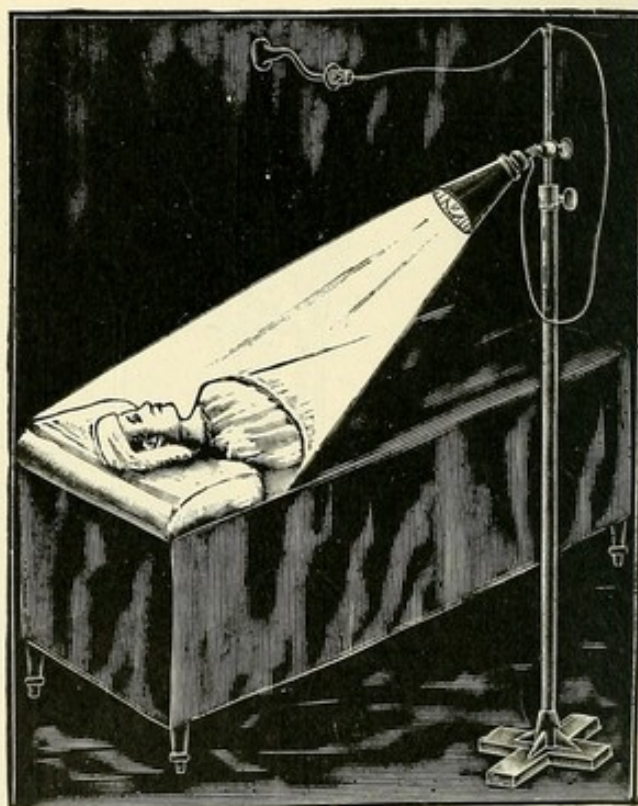
**W. C. 1227. Combination Single Irrigator and two Basin Immersion Stand;**

Price ..... \$12.00



**W. C. 1235. White Enameled Rocking Chair, all iron.....\$9.00**

**W. C. 1243. White Enameled Rocking Chair, with rubber tired rockers, noiseless.....12.00**



**W. C. 1251. Electric Illuminating Stand, with Mirror Reflector and adjustable joint, \$8.00**

**W. C. 1259. Extension Stand only..... 4.50**

**W. C. 1267. Irrigator Stand, as above, not extension, for hospitals, in suspending Fountain Syringes ..... 3.50**



## THE WOCHER ASEPTIC WASH STAND.

### FOR WOUND AND URETHRAL DRESSING.

This beautiful office fixture fulfills a long-felt demand in supplying a Physician's Office with an up-to-date Wash Stand.

IT IS EQUIPPED WITH THE  
FOLLOWING :

**A White Porcelainite Wash Basin**, with nickel-plated faucets, soap dish, outlet stopper, and having white-enameled waste pail with ventilated lid.

**Two Copper Reservoirs**, one for hot water, with heater underneath, and the other for cold water; both connected to the faucets on the wash stand.

**A Copper Rochester Sterilizer**, of latest design, for sterilizing gauze and instruments under pressure, with heater underneath.

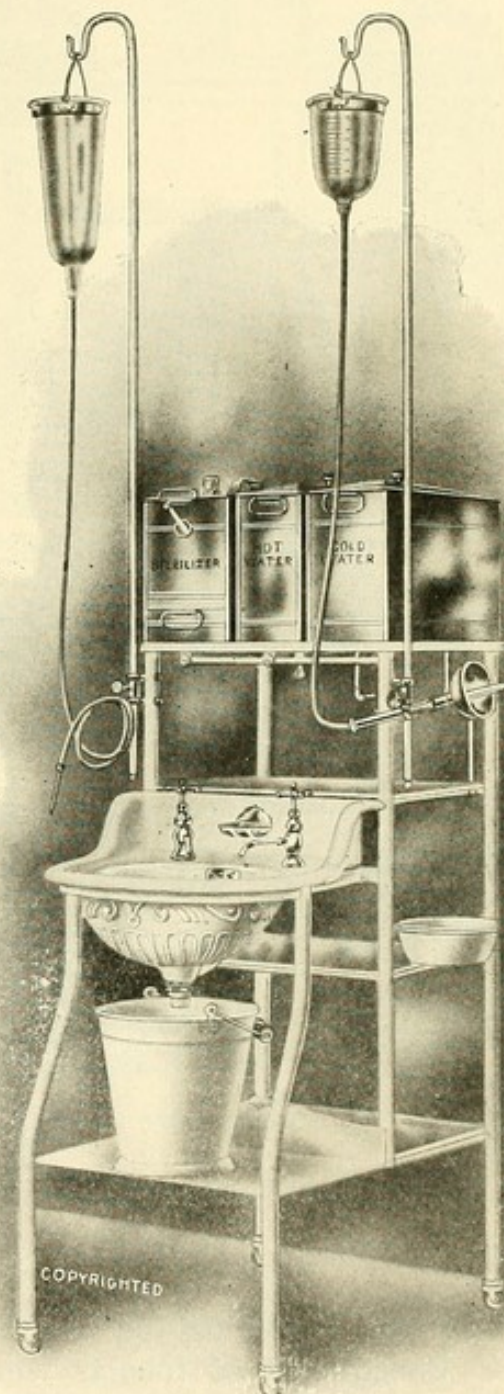
**A Valentine Urethral Irrigator** on adjustable standard, with graduated jar, tubing and nickel-plated shield nozzle, as shown.

**A White-enameled Bowl**, used in venereal diseases, which can be turned under the shelf when not in use.

**One Percolator Irrigator** on adjustable standard, for wound irrigation, with tubing, nozzle, etc.

**Three Glass Shelves** for sundries.

Cleanliness is such an important factor in surgery that no physician can afford to be without an apparatus of this kind. Secondly, it is very useful and more than worth the cost of it in satisfaction and the favorable impression it makes on the patient.



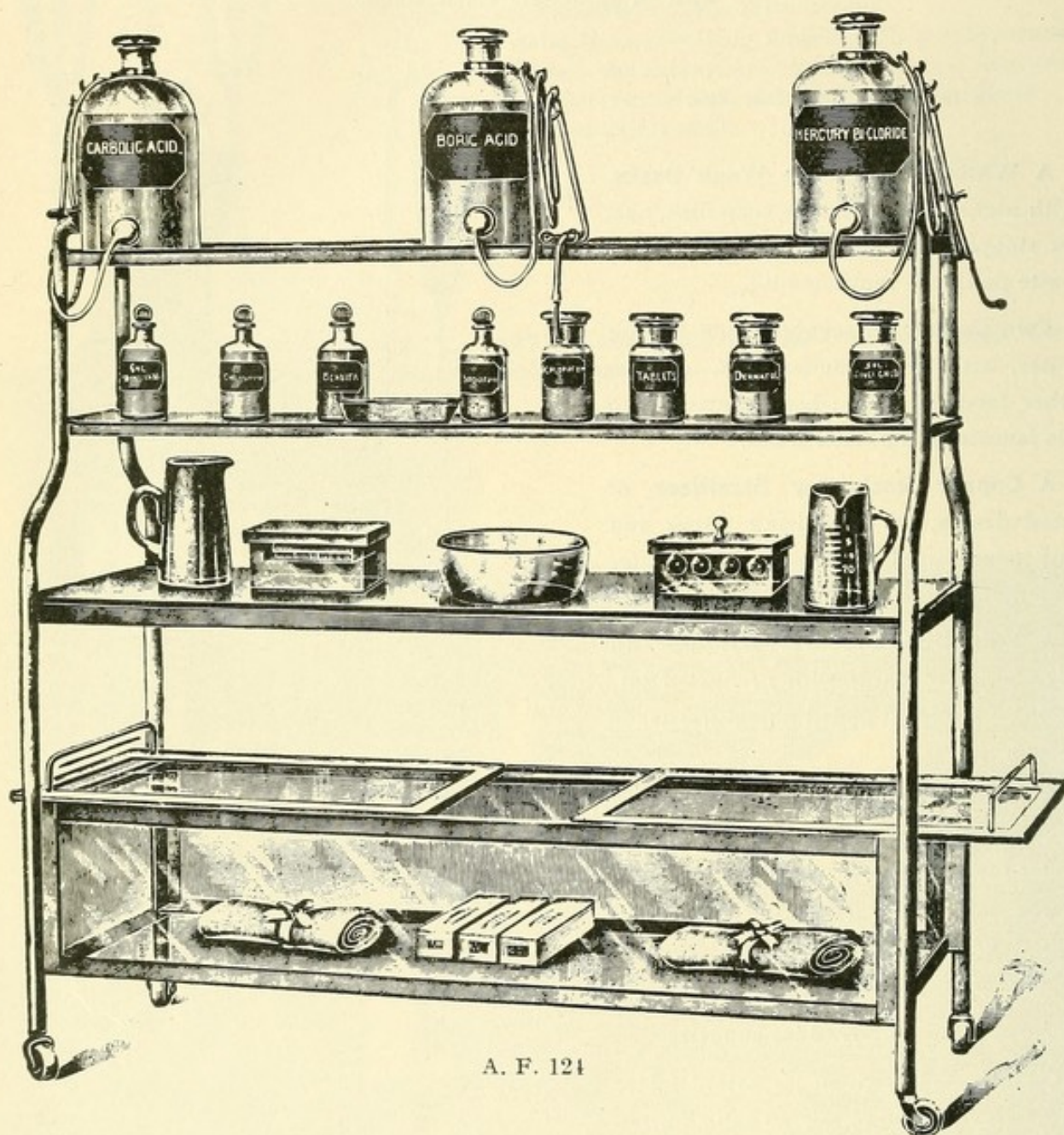
**No. 0. Wocher Complete Wash Stand**, with gas-heating burners.....\$75 00

**No. 0A Wocher Complete Wash Stand**, with Primus kerosene burners..... 80 00



## ASEPTIC FURNITURE.

## SHELF STAND AND DRESSING CASE.



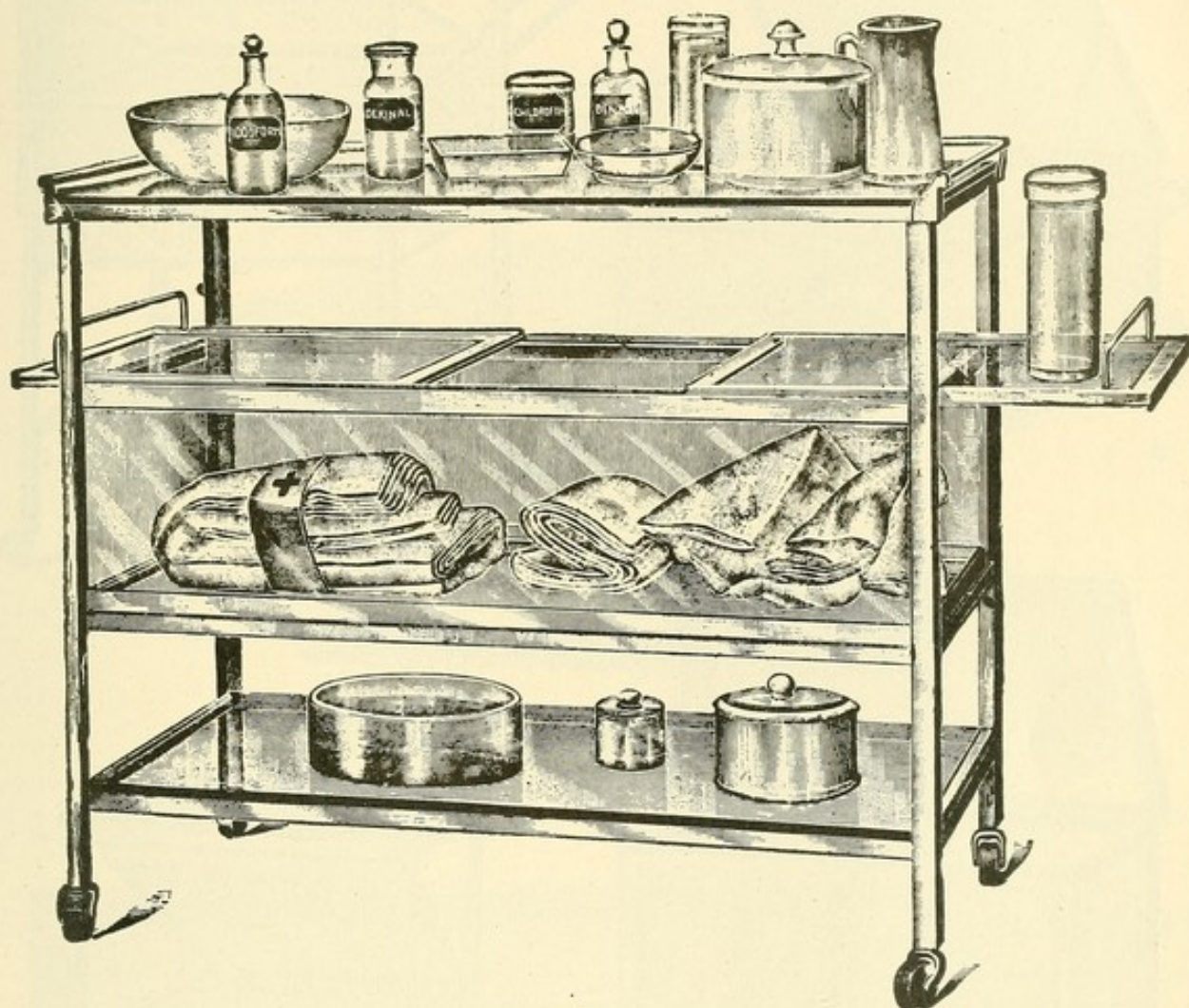
A. F. 124

**A. F. 124. Combined Aseptic Shelf Stand and Dressing Case.** mounted on casters. Constructed of tubular wrought iron, white enameled. Has three crystal plate glass shelves, the two upper shelves measuring 12 x 60 inches. The case has glass back, top, bottom and sides and sliding covers.

Price.....\$142 50.



## SHELF STANDARD DRESSING CASE.



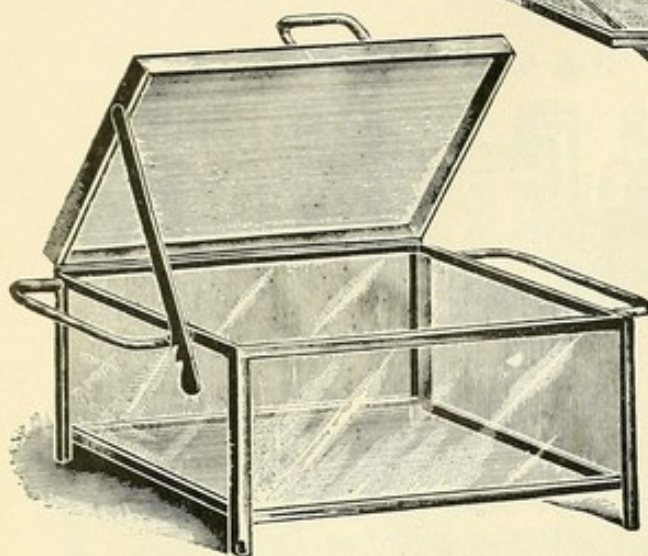
A. F. 126

A. F. 126 **Combined Aseptic Shelf Stand and Dressing Case**, constructed of wrought iron, white enameled, mounted on rubber tired casters; top is crystal plate glass, 24 inches wide by 48 inches long, and has a railing around three sides; the dressing box is full size of frame, and has glass back, top, bottom and sides; covers of box slide, and can be used as shelves; bottom shelf is crystal plate glass.

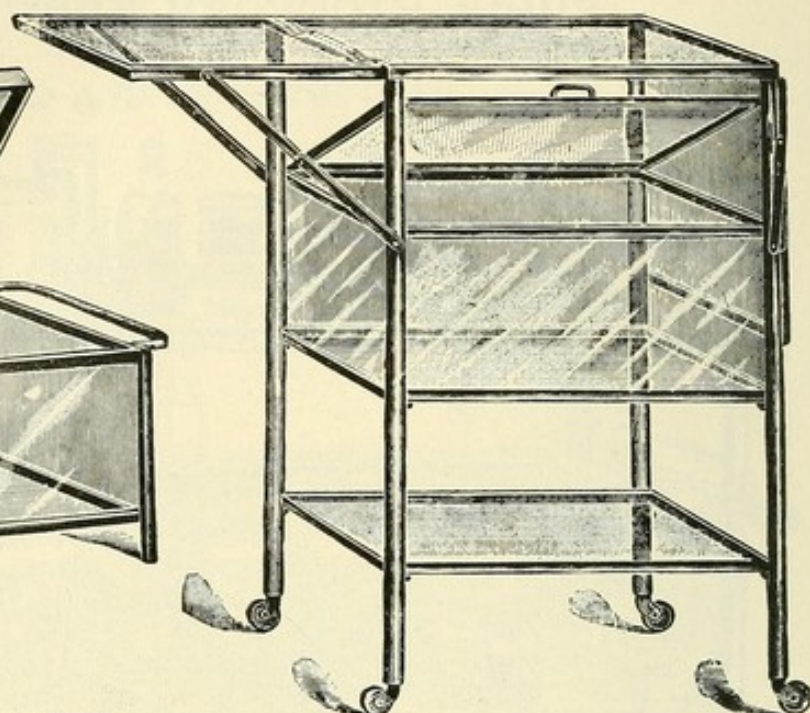
Price.....\$115 00



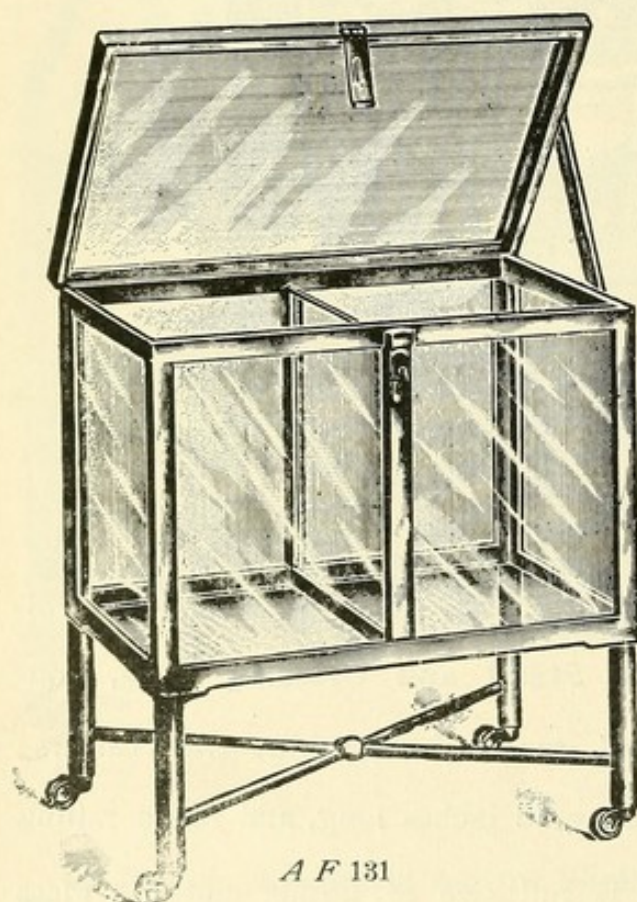
## DRESSING CASES.



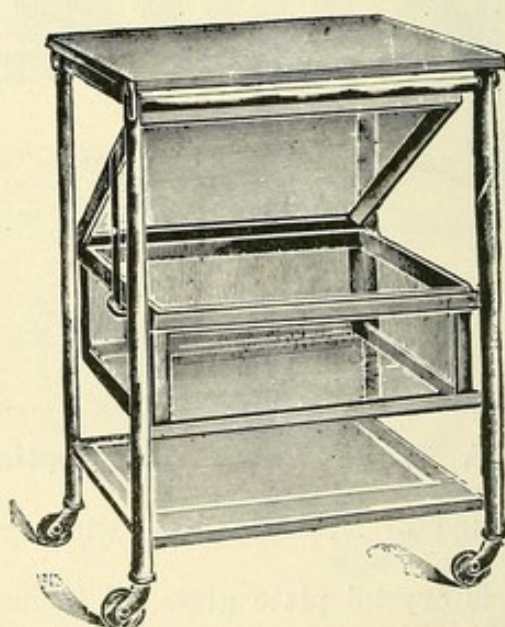
A F 129



A F 132



A F 131

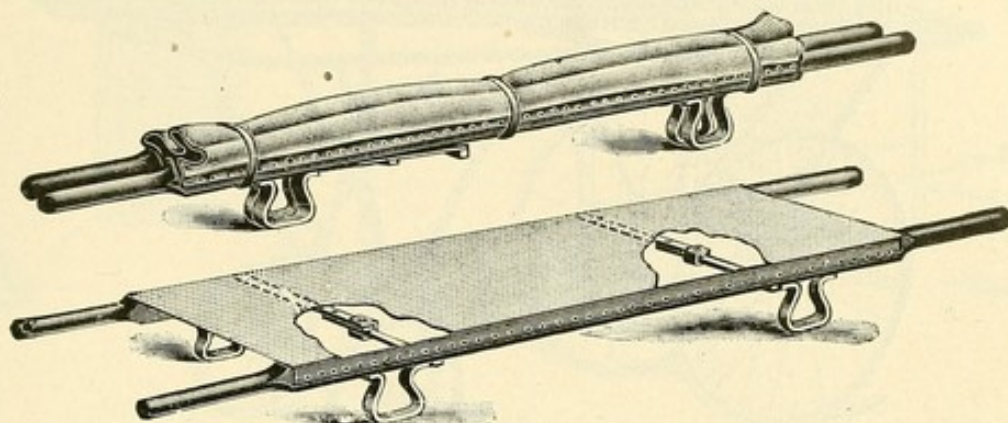


A F 130

- A F 129°** Aseptic Dressing Case, small size, 9 x 9 x 18 inches, with glass back, top, bottom and sides; entire case nickel plated. Price..... \$18 00
- A F 130°** Aseptic Dressing Case, constructed of wrought iron, white enameled; has a plate-glass top 16 x 20 inches, and a case for dressings, with glass top, bottom and sides; also, a lower shelf of steel, white enameled; total height, 33 inches. Price..... 30 00
- A F 131°** Aseptic Dressing Case, constructed of wrought iron, white enameled; case is divided in center by a glass partition, making two separate compartments, each 12 x 16 inches, and 16 inches high; total height, 26 inches. Top is of steel, white enameled, 16 x 24 inches. Price..... 40 00
- A F 132°** Aseptic Dressing Case and Instrument Table, constructed of wrought iron, white enameled; top of table is plate glass, 16 x 20 inches; has two drop shelves, each 8 x 16 inches, which, when raised, make table top 16 x 36 inches; the dressing box has glass bottom, sides and cover; lower shelf is steel, white enameled. Total height of stand, 34 inches. Price..... 50 00



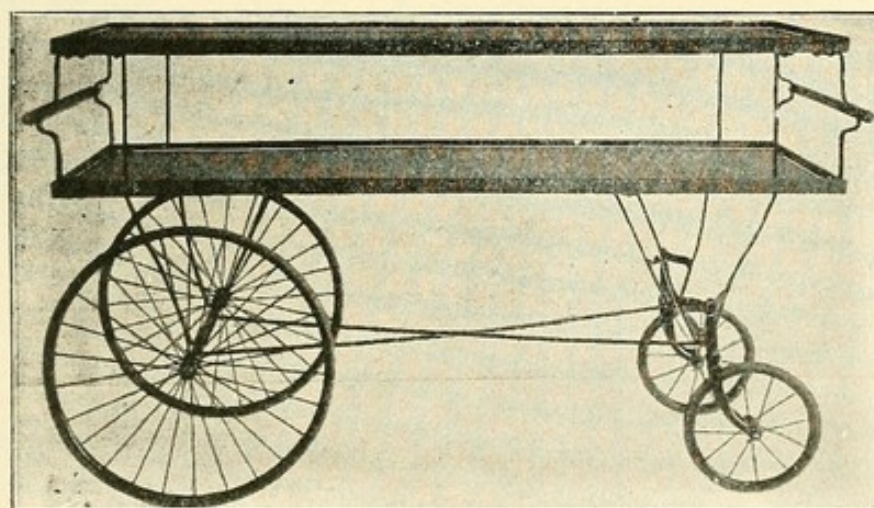
## STRETCHERS.



A. F. 136 U. S. Army Litter.....\$5 50



A. F. 138 Canvas Stretcher, .....\$3 50



A. F. 140

A. F. 140  
**LUNCH TRAY**  
 For Hospitals and  
 Sanitariums.

A new article for the convenience of hospital attendants. Saves innumerable trips to the kitchen besides lessening the length of time required to serve each meal.

Will hold a dozen large sized trays. Easy to handle; nothing about it to wear out or get out of order; shelves are made of hardwood, oiled, with a small molding running around the four sides.

Finished in black, white or maroon enamel. Mounted on strong, steel suspension wheels with solid rubber tires.

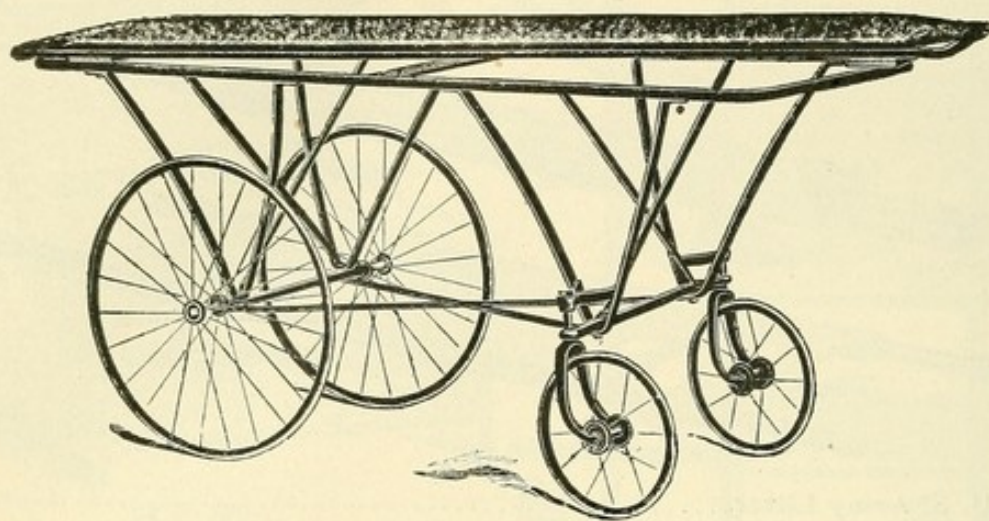
DIMENSIONS: 68 inches long, 25 inches wide; lower shelf 3 feet from floor, upper shelf 4 feet from floor; push handle on each end.

Price .....\$40.00.



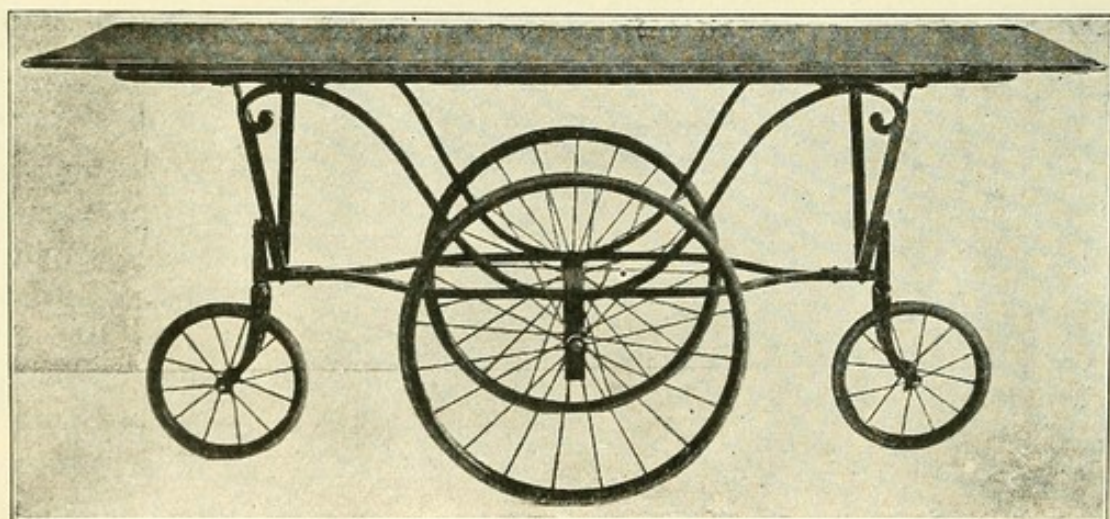
## ASEPTIC FURNITURE.

### WHEEL STRETCHERS FOR HOSPITALS.



**A. F. 142.** The entire frame of wrought iron, finished in black, white or maroon enamel. Built on strong, substantial lines, capable of carrying a weight of over 500 pounds. Length, 6 feet. Will pass through any ordinary doorway. The wheels are steel suspension with solid rubber tires. The large wheels are 24 inches in diameter, the small swivel wheels 12 inches. We furnish two styles of top, hardwood or upholstered.

Price.....\$35.00.

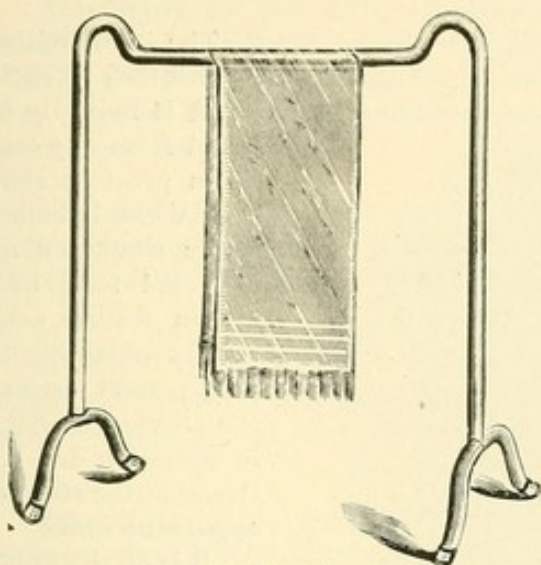


**A. F. 143** Our new design. Handsome in appearance, strong and durable. Both end wheels swivel, allowing the stretcher to turn in a very small space. Finished in white, black or maroon enamel. Length 6 feet, width 26 inches, height 34 inches. Furnished with either padded or oak top.

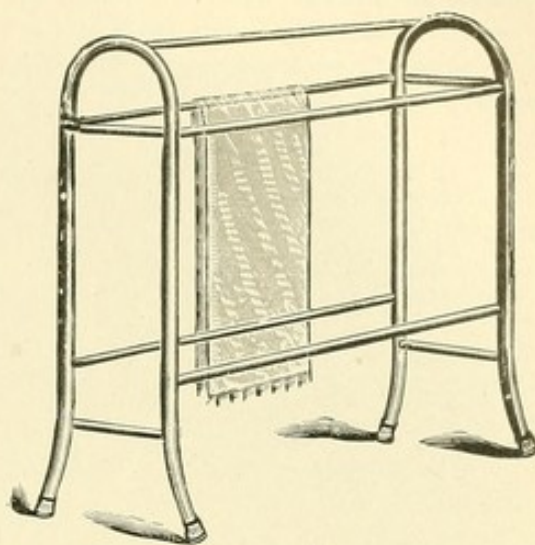
Price.....\$35.00.



## ASEPTIC FURNITURE.

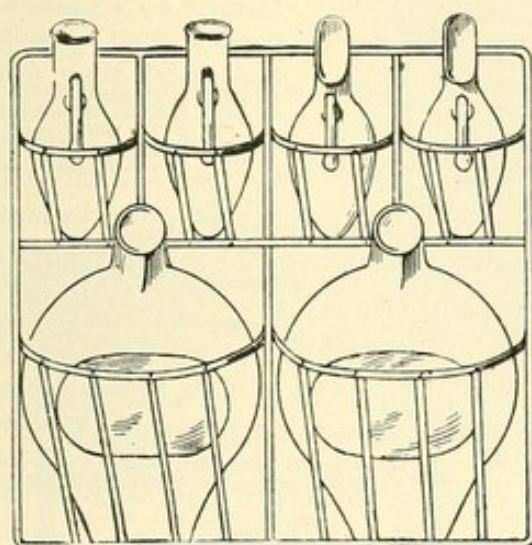


A. F. 146



A. F. 147

A. F. 146*	<b>Towel Rack</b> , all metal, white enameled.....	\$ 3 00
A. F. 147*	“ “ “ “ “ “ “ “ .....	3 50
A. F. 148	<b>Hat and Coat Rack</b> , white enameled.....	10 00
A. F. 149	“ <b>Coat and Umbrella Rack</b> , white enameled .....	15 00



A. F. 150

A. F. 150\* **Rack** of iron, heavily galvanized to prevent rusting (not aluminumized).

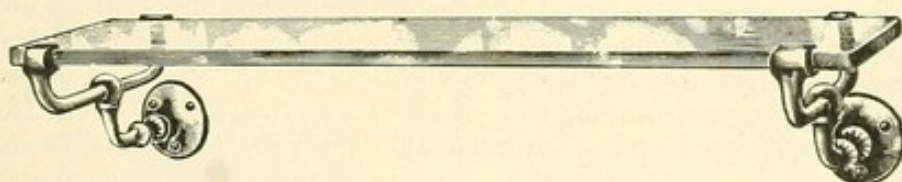
Size A, to hold 6 bed pans and 12 urinals .....\$13 00

Size B, to hold 3 bed pans and 6 urinals ..... 9 50

Size C, to hold 2 bed pans and 4 urinals ..... 8 50

Other designs made to order.

## PLATE GLASS SHELVES WITH BRACKETS.



A. F. 151

We can furnish shelves of any width and length, according to space required.

18 inches long	6 inches wide.....	\$3 00
24 “ “	8 “ “ .....	3 50
30 “ “	8 “ “ .....	4 00
36 “ “	12 “ “ .....	5 00

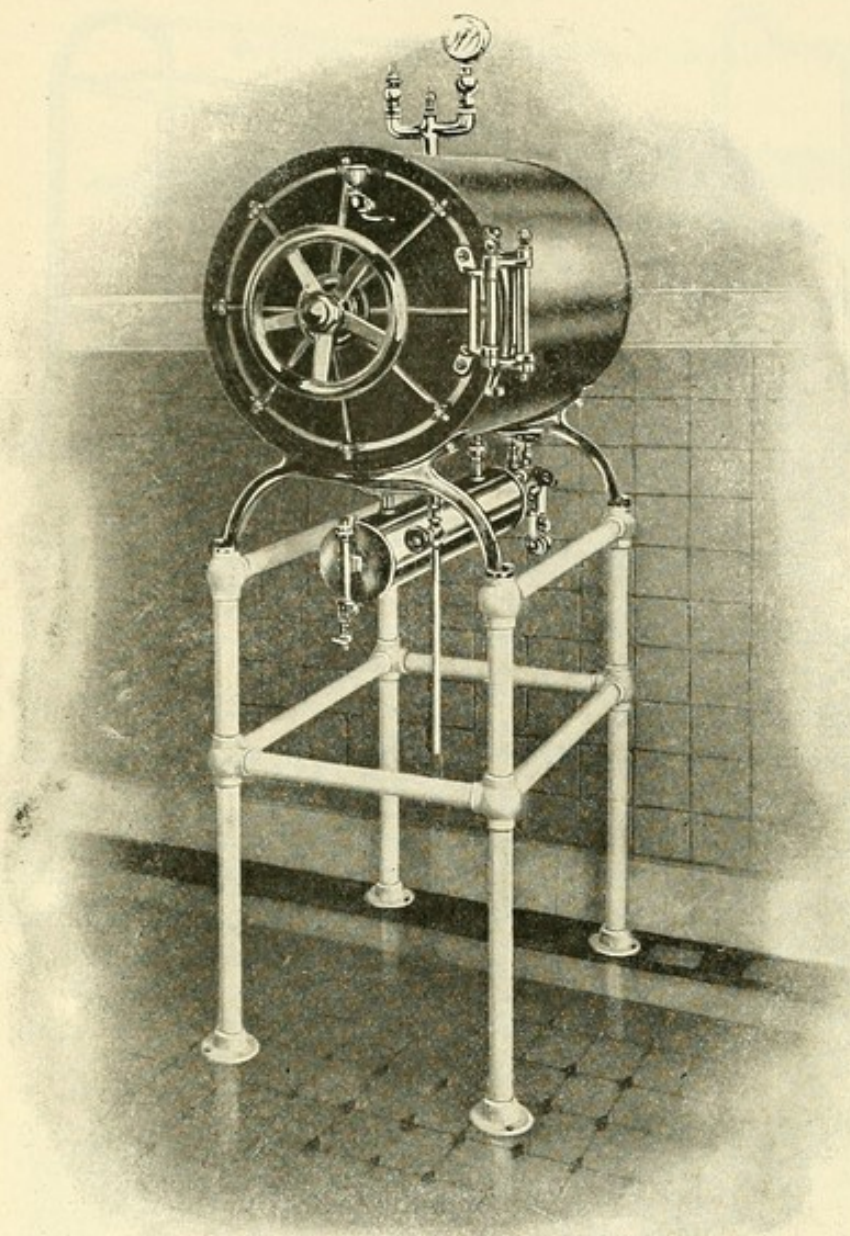
A. F. 152. **Round Glass Towel Racks** with brackets to screw on wall.

24 inches long.....\$2.50

All Instruments designated with a \* are illustrated.



## AMERICAN DRESSING STERILIZER.



The **AMERICAN DRESSING STERILIZER** is radically different from any other steam pressure sterilizer; while it embodies in simplified and perfected form every known feature essential for obtaining the most perfect results in the shortest time it is, in operation and construction, the **simplest apparatus made.**

It is of the **double cylinder** type with steam space entirely surrounding, except at door of entrance, the sterilizing chamber the walls of which are formed by a brass or copper shell (tinned internally) thus providing steam space between the end of chamber and end of outer cylinder, thereby turning into **heating surface** what in other makes is condensing surface. At the center of back, between these two ends, is located our **special valve** with dial

and indicator by means of which steam is admitted to chamber, withdrawn from chamber and vacuum created in chamber at will; operator cannot go wrong.

Our **independent generator**, which supplies steam for sterilizing, is so constructed that it can be easily taken apart and cleaned in a very few minutes; the usual and cheaper method is to partly fill the space surrounding chamber with water, placing burners underneath; this construction does not provide for cleaning out of sediment, **the certain accumulation of which not only retards the process of sterilization but sooner or later necessitates expensive repairs.**

**Others** by means of various devices, have attempted to minimize the evil effects of excessive moisture in the steam due to condensation, the prime cause of wet dressings. The **AMERICAN** has no need of such device for its construction eliminates practically 75% of the condensing surface, thereby preventing rather than removing condensation, thus producing an apparatus far more **economical in operation** and **insuring thoroughly dry and sterile dressings within one minute after steam is withdrawn from chamber**, an accomplishment heretofore regarded impossible, and still impossible with any other sterilizer. This means a **saving of from 25% to 50% in time and operating expense.**

Material and equipment guaranteed to be the best quality throughout. Sterilizing chamber tinned internally thus insuring utmost cleanliness. Positively **no** cast iron used in the



construction of our standard apparatus. Door of entrance neat and simple in design—most effective in operation. Removable semi-metallic packing; can be replaced easily by attendant.

**Sterilizing by Hot Air.** On account of the greatly reduced condensing surface the **AMERICAN** is the **ideal** hot air sterilizer as well as the **ideal** steam pressure sterilizer. The **workmanship** on all **AMERICAN** apparatus is guaranteed to be the best throughout, but to meet varying demands we furnish our product in the following classes arranged for steam, gas or kerosene heat as ordered.

#### CLASS "A."

Ebonized steel door and end, cold drawn riveted copper shell (tinned internally) forming walls of sterilizing chamber, polished copper jacket, polished brass fittings and mounted on white enameled tubular steel stand.

#### CLASS "B." (Our Standard Finish.)

Ebonized or ebony enameled bronze and copper doors and ends, seamless drawn brass or copper shell (tinned internally) forming walls of sterilizing chamber, jacket and all fittings highly polished nickel plate, mounted on white enameled tubular steel stand.

#### CLASS "C."

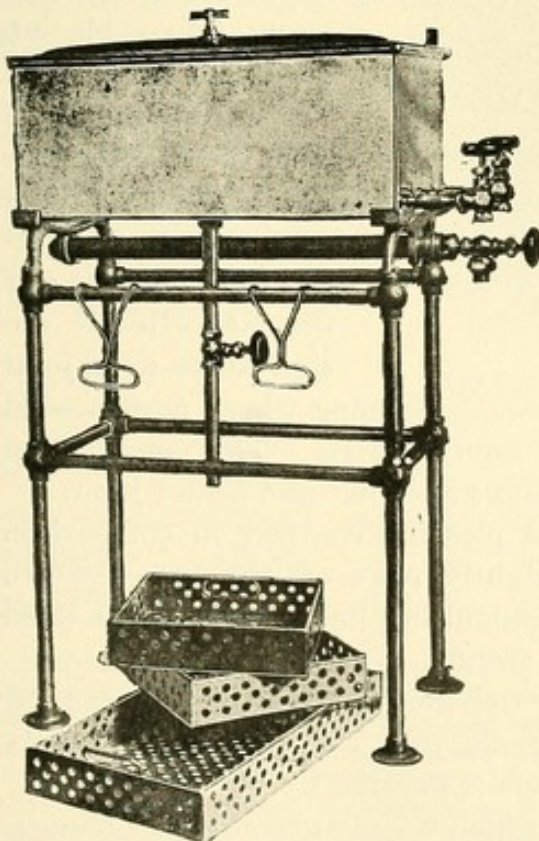
Bronze, copper and brass construction throughout, highly polished. Seamless drawn brass or copper shell (tinned internally) forming walls of sterilizing chamber, fittings highly polished brass and mounted on white enameled tubular steel stand.

#### SIZES AND PRICES.

	No. 0-9 x 19	No. 1-12 x 20	No. 2-14 x 22	No. 3-16 x 24	No. 4-20 x 28	No. 5-24 x 32
Class "A".....	\$125.00	\$200.00	\$250.00	\$275.00	\$375.00	\$600.00
Class "B".....	150.00	225.00	300.00	325.00	425.00	650.00
Class "C".....	165.00	250.00	350.00	425.00	600.00	825.00

### INSTRUMENT STERILIZER.

These are made of extra heavy material of the highest quality, have re-inforced band at top both riveted and sweat on, seamless oval dome covers. Interior and trays are heavily coated with pure tin. Designed for heating with either steam, gas or oil.



A. F. 303

A. F. 303—7 inches deep, 12 inches wide and 22 inches long, made of heavy polished brass or copper, seamless dome cover, one perforated metal tray with hooks, with steam coil for heating or arranged for gas heat as desired, mounted on wall brackets or white enameled steel stand .....\$55.00

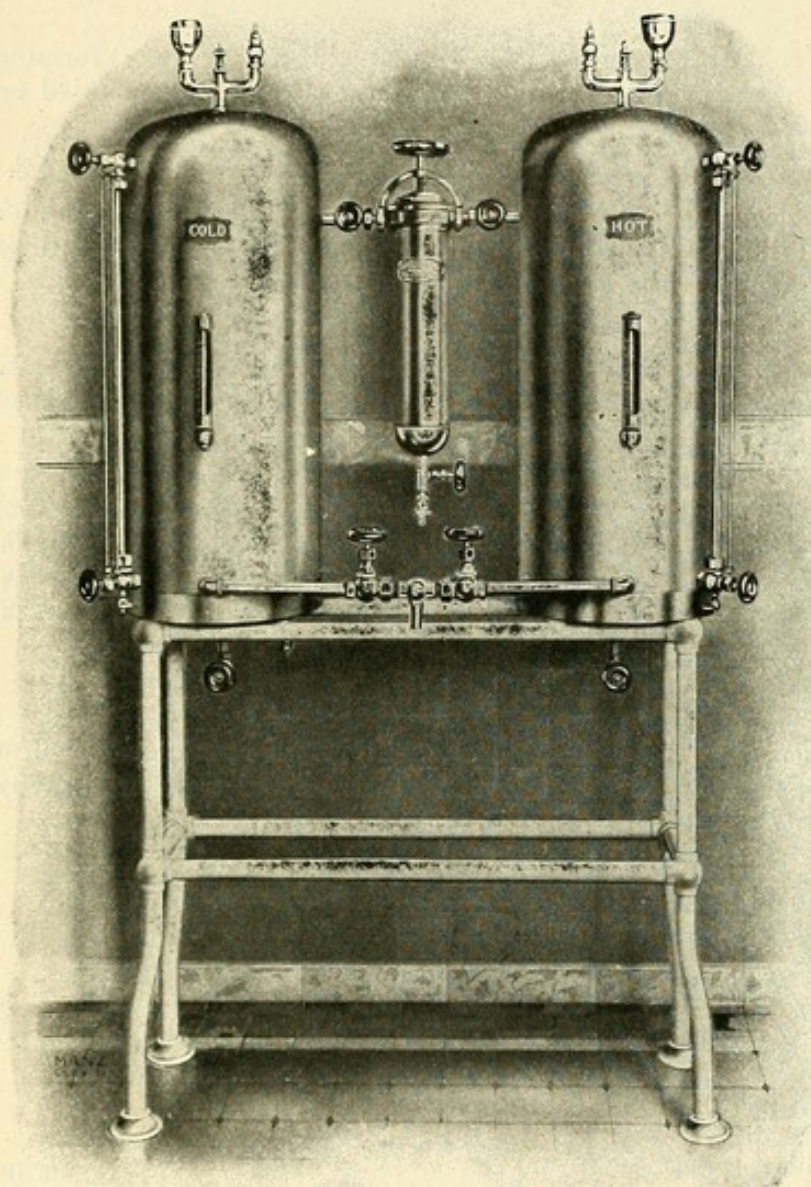
A. F. 305—Same as above heavily nickel-plated .....\$60.00

A. F. 307—10 inches deep, 16 inches wide and 24 inches long, made of extra heavy polished brass or copper, seamless dome cover, two large perforated metal trays with hooks, fitted with steam coil for heating or arranged for gas heat as desired, mounted on white enameled stand .....\$90.00

A. F. 309—Same as above heavily nickel-plated ....\$100.00



## AMERICAN WATER STERILIZERS.



In the **AMERICAN WATER STERILIZERS** we present an entirely new construction, one which proves its superiority so clearly as to make comment almost superfluous.

We claim without fear of successful contradiction, that our apparatus offers the only construction that can be called **accessible**. You can "clean at" those makes of water sterilizers with removable tops but you cannot clean them, for it is absolutely impossible to reach all surfaces of the coils and shell from the top; the sediment, whatever there may be, naturally settles to the bottom and the **AMERICAN** design **alone** with joint

at bottom and removable shell permits of thorough cleaning where most needed and at the same time gives easy access to all internal parts. This construction not only removes set screws from sight but insures a tighter and neater joint.

The **nicely rounded seamless tops** offer a pleasing contrast in comparison with the "joint-at-top" construction, its unsightly rows of cap screws which become more and more unsightly after the attendant has had a wrench on them a few times and which are so difficult to clean around.

The **filter** is unquestionably the **simplest** and most **perfect** on the market. There are no loose or complicated parts. Filtering tube can be removed **easily** and **quickly** for cleaning. Extra tube with each apparatus.

The **combination draw-off**, by means of which water at any desired temperature may be drawn from a single outlet, saves considerable time and materially



lessens the opportunities for refertilization. (Will furnish separate draw-offs if desired.)

The **self-contained stand** of improved tubular steel construction combines great strength and lightness with neatness of design and ease in cleaning.

The **material** is guaranteed to be of the best quality throughout. The interior of both hot and cold tanks is heavily coated with pure tin, also the coils for heating and cooling.

The **equipment** furnished is of the highest grade and includes thermometers registering both temperature and pressure, atmospheric-filtering vacuum valves, safety and relief valves, water gauges and other valves, except those for steam and water connections, which are part of the installation. Every apparatus thoroughly tested to more than three times working pressure before leaving factory.

The **workmanship** on all **AMERICAN** apparatus is guaranteed to be the best throughout but to meet varying demands we furnish our product in the following classes arranged for either Steam, Gas or Oil heating as desired.

#### CLASS "A."

Highly polished cold riveted copper reservoirs with oval tops, polished brass fittings, separate draw-offs and mounted on white enameled tubular steel stand.

#### CLASS "B." (Our Standard Finish.)

Reservoirs of cold drawn **seamless** brass or copper shells highly polished and heavily nickel-plated, tinned internally, bronze castings with nickel-plated brass fittings, combination draw-off and mounted on white enameled tubular steel stand.

#### CLASS "C."

Reservoirs of cold drawn **seamless** brass shells highly polished, tinned internally, bronze castings, polished brass fittings, combination draw-off, mounted on white enameled tubular steel stand.

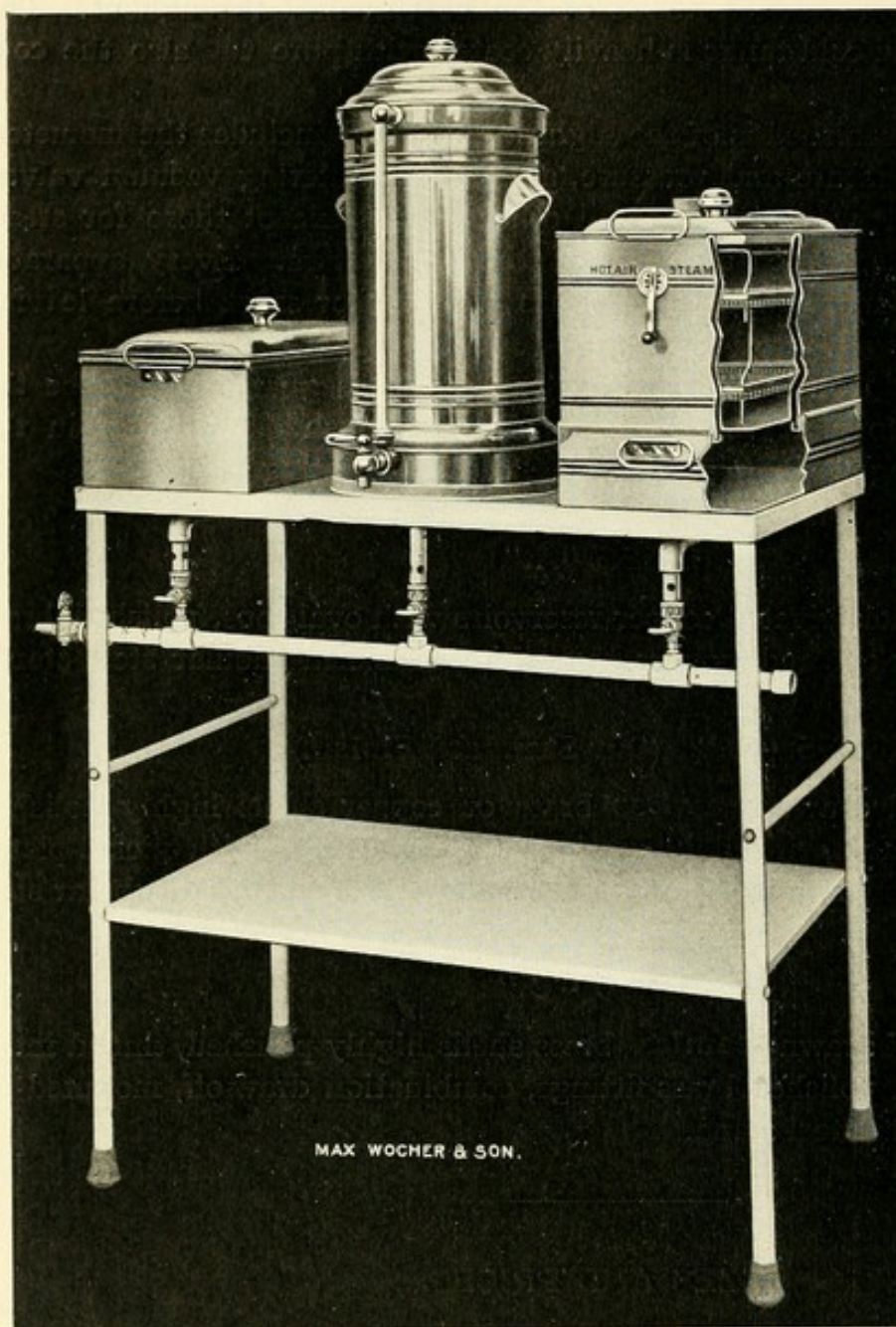
#### SIZES AND PRICES.

	No. 0 6 galls.	No. 1 15 galls.	No. 1½ 20 galls.	No. 2 25 galls.	No. 3 50 galls.	No. 4 75 galls.	No. 5 100 galls.
Class "A" . . .	\$150.00	\$250.00	\$325.00	\$400.00	\$600.00	\$750.00	\$ 900.00
Class "B" . . .	175.00	300.00	375.00	450.00	675.00	825.00	1000.00
Class "C" . . .	200.00	350.00	425.00	500.00	750.00	950.00	1100.00

NOTE.—No. 0 is regularly furnished for gas heat with burners underneath but is made on order for either steam, kerosene, alcohol or electric heating and mounted on legs or brackets. Other prices given above cover the apparatus arranged for steam heat, but Nos. 1, 1½ and 2 will be arranged for gas or kerosene heating at \$25.00 list additional, and when so arranged will include independent generator for each reservoir, so constructed that it can be easily taken apart for cleaning and so that either tank may be operated independent of the other without the slightest possibility of injury so long as there is any water in the reservoirs. This is a more expensive construction than the older types where burners are placed directly underneath the reservoirs, quicker in action and greatly superior in every respect.



## COMPLETE STERILIZING OUTFIT.



MAX WOCHER &amp; SON.

W. C. 1579.

FOR OFFICE OR  
SMALL HOSPITAL.

An up-to-date plant for a surgeon. For quickly sterilizing and heating water and sterilizing instruments, gauze, towels, etc. A most useful and attractive piece of furniture.

**The Gauze Sterilizer** is made of copper and is supplied with two trays. It has a steam and hot air drying feature, and does not allow fumes from gas enter same as some of the similar apparatus on the market.

**The Water Sterilizer** is copper, and is supplied with water gauge.

**The Instrument Sterilizer** is copper, with perforated, removable tray.

**The Stand** is of our special construction, and is supplied with Gas Burners or Primus Coal Oil Stoves.

- W. C. 1579.** Complete outfit, consisting of Instrument Sterilizer, 17 x 8 x 6 inches. Dressing Sterilizer, 16 x 6 $\frac{3}{4}$  x 7 inches. Water Sterilizer, 3 gallons, with gauge and faucet. High White Enameled Stand. Polished Copper ..... \$45.00
- W. C. 1589.** Same as above. Nickel-plated ..... 50.00
- W. C. 1593.** Instrument Sterilizer, 22 x 12 x 7 inches. Dressing Sterilizer, 22 x 10 x 10 inches. Water Sterilizer, 5 gallons, with gauge and faucet. High White Enameled Stand. Polished Copper ..... \$90 00
- W. C. 1601.** Same as above. Nickel-plated ..... 100.00



## STERILIZERS AND WATER FILTER.

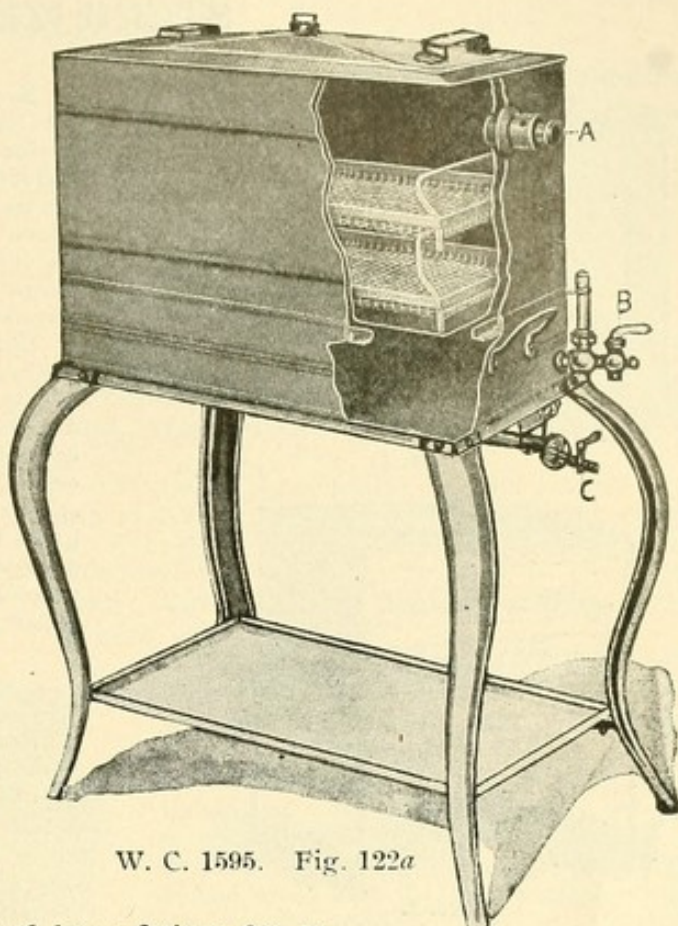
### Wocher-Rochester Combination Sterilizer.

Steam, Hot Air, Boiling Water.

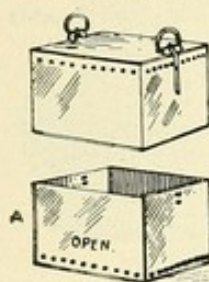
This is an excellent pressure sterilizer at a low price. It is the same design as the Rochester Sterilizer but of large size, and has, in addition, a water gauge and faucet for obtaining hot water in the operating room.

It is designed for gauze and instruments and is furnished with the wire gauze trays as shown in Fig. 122a, or with the gauze receptacles as in Fig. 122b.

Sterling chamber, 18 inches long, 8 inches wide, 8 inches deep. Base, 19 inches long, 9 inches wide, 5 inches deep, with glass gauge and brass cock to draw off water.



W. C. 1595. Fig. 122a



122b

Polished copper, tin lined, brass fittings, \$21 50

The same, nickel plated ..... 25 00

Price for two Schim-  
melbush Gauze Re-  
ceptacles, as illus-  
trated (122b), addi-  
tional ..... 8 00

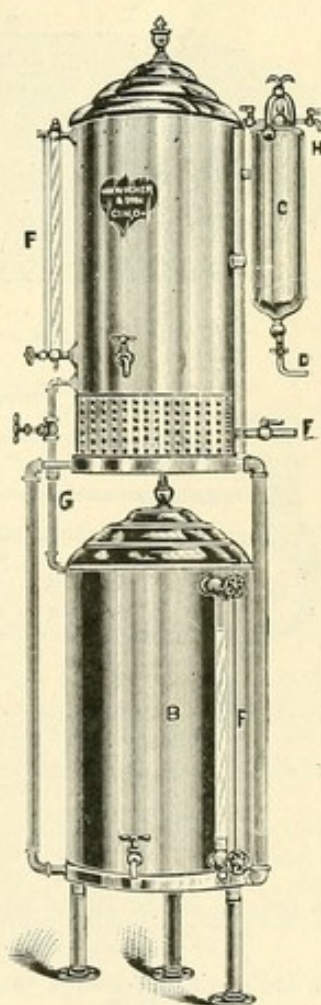
Fitted with coil to at-  
tach to steam plant,  
extra ..... 5 00

White Enameled Stand, with gas burner extra ..... 9 50

" " " with extra shelf for oil stove, extra, 9 50

Prices of smaller or larger sizes on application.

Primus Wickless Blue Flame Oil Stoves, each ..... 4 00



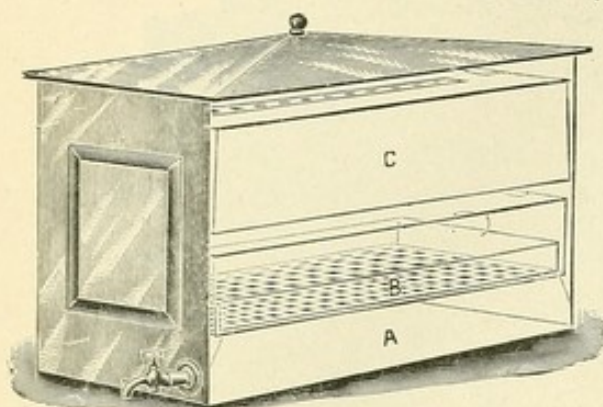
W. C. 1603

**W. C. 1603 Water Sterilizer and Filter.** This Sterilizer is constructed with a view to supplying sterile hot and cold water, a most important adjunct to every operating room. It is arranged for gas heat, and has every convenience for the perfect and successful sterilization of water. The apparatus has filter (C) connected direct to the street water system. The upper tank (A) is for hot water, having a capacity of fifteen gallons. Convenient piping transfers the water to the lower tank or reservoir (B), which holds twenty gallons. The whole apparatus is beautifully nickel plated and mounted on an iron stand, white enameled.

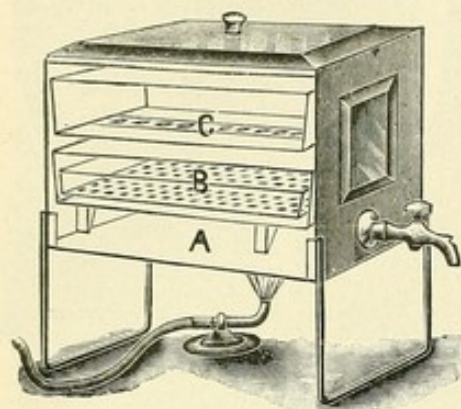
Price, net ..... \$100 00



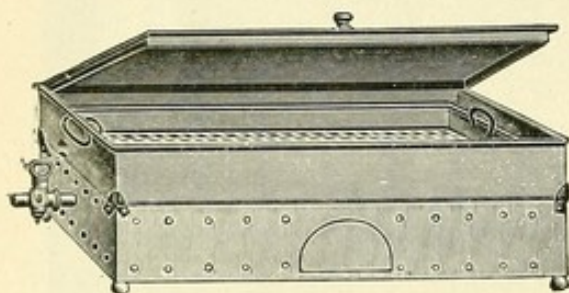
## STERILIZERS.



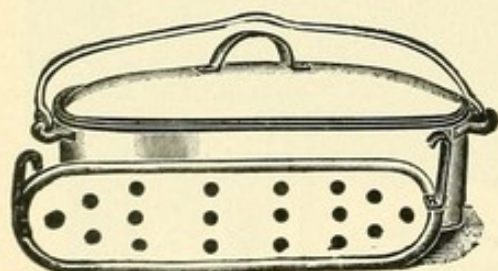
No. 2.



No. 3.



No. 5.a



No. 6.

**No. 2\* Surgeon's Combination all Copper Sterilizer**, for instruments, dressings, towels and water. As sterilized water is used extensively in every operation and same is conveniently sterilized in this apparatus it has made the latter very popular. It consists of a nickel-plated copper frame, size 15 inches long; 8 inches high and 8 inches wide. Water is placed in lower part as shown on illustration figure A and drained through stopcock on end.

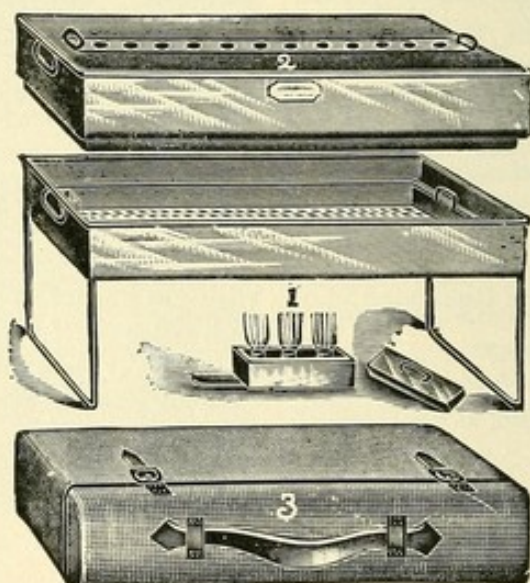
Instruments are sterilized after the Schimmelbusch method by placing same in a one per cent. Soda Solution in pan B which is supplied with a perforated tray for draining the instruments. The dressings, towels, etc., are placed in a box C, leaving the cover and bottom orifices or slides of same open, until sterilized. When sterilized the orifices or slides are closed, permitting the gauze box to be carried to place of operation without danger of infection. This is an advantage our sterilizers possess over others, where gauze is placed loose in the apparatus, which requires handling after sterilization.

Price. ....\$13 50

**No. 2A.** Same pattern as the above, but made of tin with copper bottom, and having a wire basket for the gauze instead of copper box C.

Price.....\$7 00

All tin sterilizers rust, hence are not as serviceable as the copper.



No. 4.

**No. 3\*** Oculist's or Dentist's Combination Sterilizers, same principle as above, heated with Bunson burner, size  $9\frac{1}{2} \times 5\frac{1}{2} \times 5\frac{1}{2}$  inches. Price .....\$8 50

**No. 4\*** Portable Combination Sterilizer, for sterilizing Gauze and Instruments, and for carrying necessary instruments to an operation. All parts made of copper, nickel-plated; consists of one instrument pan (1) with perforated tray, one Gauze box (2), which fits snugly on the instrument pan, one 3-burner alcohol lamp and one canvas case (3). For carrying, the feet and lamp are placed into the pan (1) which is placed into the Gauze box (2) with any instrument desired. All are carried in canvas cover (3): size  $14 \times 7 \times 3\frac{1}{2}$  inches. Price.....\$12 00

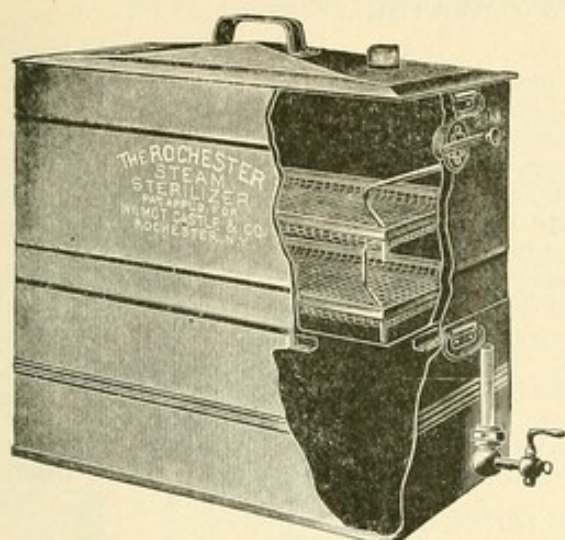
**No. 5a\*** Specialists' Office Sterilizer, all copper, nickel-plated, size  $14 \times 7 \times 3\frac{1}{2}$  inches. This sterilizer has a hinged lid with wood knob for raising same to place instruments into sterilizer while boiling. Complete with Bunson burner .....\$8 50

**No. 6\*** Sterilizing Kettle, of enamel ware, with perforated tray, to lift out, 16-inch, \$2 75; 18-inch, \$3 50; 20-inch, \$1 00.

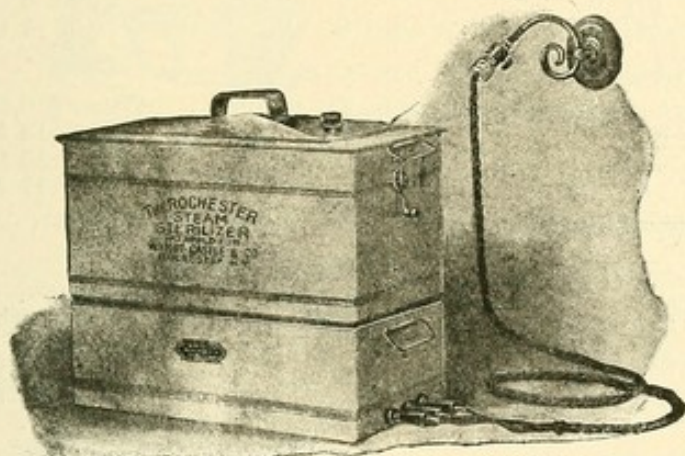
All instruments designated with a \* are illustrated.



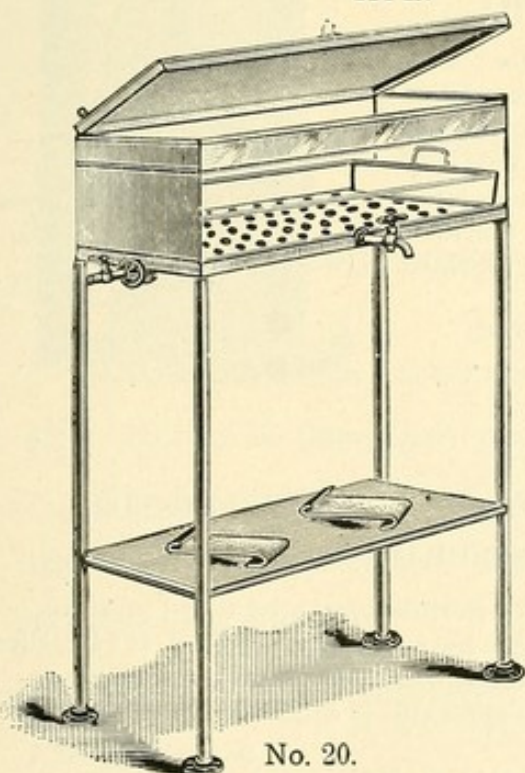
## STERILIZERS.



114 1/2.



114 E.



No. 20.

All instruments designated with a \* are illustrated.

**114 1/2\* Improved Rochester Combination Sterilizer**, with large water sterilizing chamber, the latter supplied with faucet and water gauge. It is a simple but perfectly constructed sterilizer, portable or stationary, and adapted for use with any kind of a stove or burner, or we can supply:

A stand with Blue Flame Gas Burner;

A Folding Stand and Alcohol Lamp; or

Equip the Sterilizer with the most approved and economical Electric Heater.

Any of the three sterilizing agents, *dry heat, steam or boiling water*, may be utilized at will.

The sterilizing chamber, by the single turning of a valve, may be filled with either steam or hot air, and in this way instruments or dressings may first be subjected to dry heat, then steam-sterilized, then thoroughly and quickly dried by hot air.

The apparatus consists of a double-walled chamber. The outer wall rests in the groove of a removable base, which forms a water joint.

This base may be used for sterilizing water or instruments with boiling water, "one percent soda solution", if desired, and dressings, gowns, etc., may at the same time be steam-sterilized in the chamber above.

Size 15 in. long, 13 in. high and 7 1/4 in. wide.

Price .....\$16 00

**Aluminum Finish Stand**, with gas burner, low..... 1 50

**Aluminum Finish Stand**, without gas burner, folding..... 60

**Copper Alcohol Lamps**..... 1 50

#### 114 E.—Electric Heated Rochester Sterilizer.

This is the regular No. 114 Rochester Sterilizer, supplied with the well-known Prometheus Electric Heating device.

Price, complete.....\$25 00

#### Wocher's Surgical Instrument Sterilizer No. 20.

All copper, nickel-plated with perforated draining pan, pan lifters, and supplied with nickel-plated stop-cock as shown. The outfit is mounted on a solid white enameled stand, having milk white glass shelf.

A Bunsen Gas Burner and air inlet supply cock is adjusted on the stand, and has been found the most satisfactory instrument sterilizer for the operating room. Coils for steam heating.

Primus Kerosene Burners or Electric Heaters can also be supplied if desired at special price.

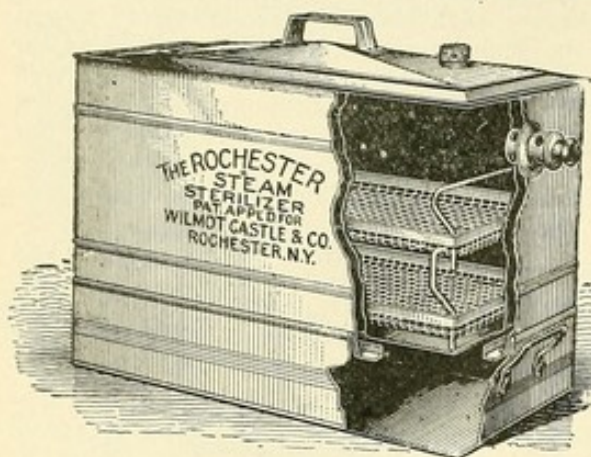
Size of sterilizer, 20 inches long, 10 inches wide, 7 inches deep and entire outfit standing 39 inches high.

Price .....\$35 00



## ROCHESTER COMBINATION STERILIZERS.

STEAM, HOT AIR, BOILING WATER.



Every doctor realizes that he should have an efficient sterilizer as part of his office equipment. Rochester Combination Sterilizers meet the requirements better than any apparatus made. They are so constructed that dry heat or steam can be turned into the sterilizing chamber at will by simply opening or shutting the valve. Thus, to prevent excessive condensation, instruments and dressings can be heated by hot air, then steam can be turned in and after the articles are sterilized they can be quickly dried off again by hot air. If desired the base can be utilized for sterilizing in boiling water (one per cent. soda solution) and the whole upper part used for steam sterilizing dressings, etc., at the same time.

### SIZES AND PRICES OF STERILIZING CHAMBERS.

HEAVY TIN, WITH COPPER BOTTOM.

No. 104.	Length, 14 inches.	Width, 6 inches.	Depth, 6 inches.	Price, \$5 50
No. 106.	" 16 "	" 6 3/4 "	" 7 "	" 6 00
No. 108.	" 18 "	" 7 1/2 "	" 8 "	" 7 00

ALL COPPER, POLISHED.

No. 107.	Length, 7 1/2 inches.	Width, 3 1/2 inches.	Depth, 3 1/2 inches.	Price, \$ 6 00
No. 114.	" 14 "	" 6 "	" 6 "	" 12 50
No. 116.	" 16 "	" 6 3/4 "	" 7 "	" 15 00
No. 118.	" 18 "	" 7 1/2 "	" 8 "	" 17 50

Nickel plating, 75c., \$1.00, \$1.25, \$1.50 extra, according to size. Special sizes for hospitals made to order.

### STANDS.

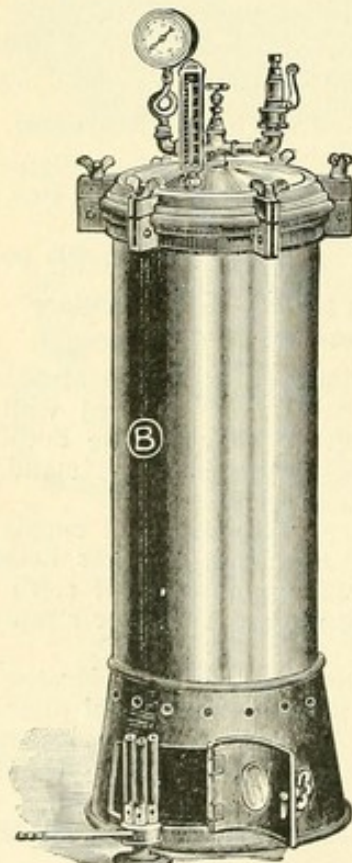
These Stands are made in a very substantial manner and have folding legs.

Without gas burner	\$0 60
With gas burner	1 50

### ALCOHOL LAMPS.

Where gas is not accessible these Lamps are very convenient. They can be used in connection with stands without gas burners.

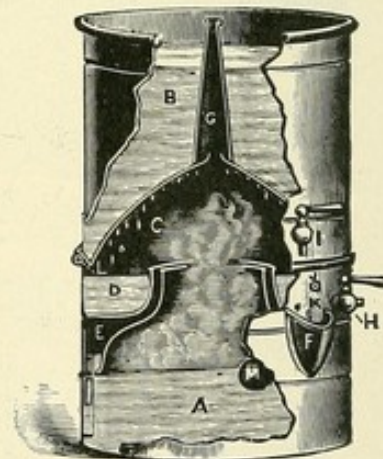
Tin	Each, \$1 00
Copper	" 1 50



### THE RALSTON STILL.

This apparatus employs a "new process" distillation—the latest achievement of scientific investigation—the most reliable and convenient method known of supplying a choice quality of **pure distilled water** fully aerated with purified and sterilized air.

Price.....\$10 00



### THE AUTOCLAV VERTICAL STEAM PRESSURE STERILIZER.

This apparatus is made for sterilization under steam pressure. The boiler is made of extra heavy copper, tin-lined, is 24 inches deep and 11 inches in diameter, with a perforated rack inside. The extreme right of the apparatus is 40 inches.

Price.....\$60.00

W. C. 1723.



## THE ARNOLD STERILIZER AND PASTEURIZER.



Physicians are quite unanimous in recommending cow's milk as the best substitute for mothers' milk, but insist that it shall be sterilized. Some say at high temperature (212° F.), and others at low temperature (167° F.).

**The Arnold Steam Sterilizer** is a cheap, simple and reliable apparatus that can be used for either **High or Low Temperature Sterilizing**.

Experiments in the principal laboratories of the country have proved that an unvarying temperature of 212° F. is maintained in this apparatus, and that milk treated therein for one hour is absolutely *free from all germs of disease*, and will keep indefinitely without ice.

By simply removing the Condenser or Hood, the Sterilizer is converted into a Pasteurizer, maintaining a temperature of 160° F. to 170° F., which practically destroys all germs and does not impair the nutritive properties of the milk.

### PRICE LIST—FAMILY SIZES.

No. 1.	Heavy tin, copper bottom, with rack cleaning brush and 7 bottles.....	\$3 00
No. 2.	" " " " " " " " 8 " .....	3 50
	Extra bottles, per dozen.....	60
	Croup attachments with 10-inch tubes.....	30
	Pure Rubber Nipples, per dozen.....	50
	Sterilizer Brushes.....	10

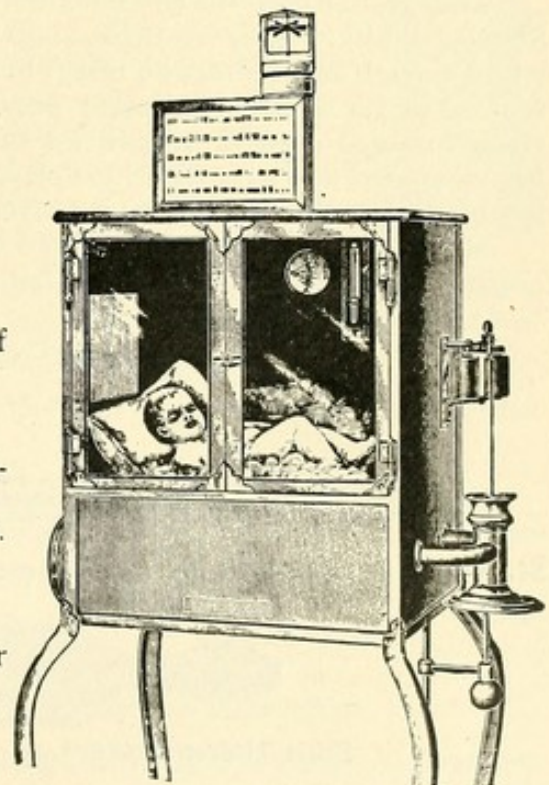
## THE INFANT INCUBATOR,

### FOR PREMATURELY BORN INFANTS.

This apparatus is constructed entirely of steel, and can be thoroughly cleaned.

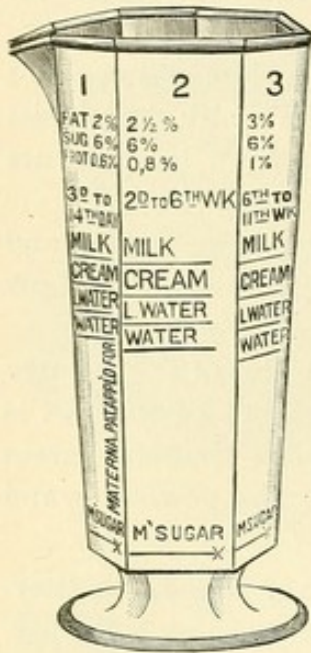
The temperature is regulated by an electric thermometer, actuated by four dry cells. Price upon application.

We carry one apparatus in stock for rental purpose.





## NURSING SUPPLIES.



### The "Materna" (Estraus) for the Home Modification of Milk,

As suggested by Dr. Sidney V. Haas, enables the physician to successfully cope with the ever-perplexing problem of Artificial Infant Feeding. It is devised upon the now-accepted idea that cow's milk in a modified form is the most rational substitute for mother's milk. Heretofore the expense of milk modified in accordance with a prescription and the difficulty of having it properly modified at home have prevented many physicians from recommending its use.

Price.....\$1 50

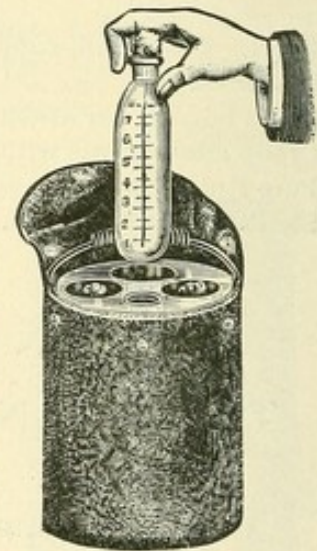
## ROCHESTER FOOD WARMERS.

(AND COOLERS.)

These Warmers are made of copper, and, unlike rubber, which is very perishable, will last a life-time. Besides, they are much cheaper than rubber warmers. They are covered with a removable felt cosy which makes them complete in themselves. No blanket is required to keep them warm. Boiling water is poured into the jacket through the screw-cap opening. The bottles containing food are placed in the tubes and do not come in direct contact with water.

They can be used for any food, but are especially adapted for Sterilized milk. They hold three bottles, and will keep the food warm enough for feeding, at least eight hours. They rob bottle feeding of its worst drawbacks; **parents or nurses who use them are not obliged to get up in the night to heat food for the baby**, and as there is no delay, baby will not become restless by having to wait for its food after waking.

Milk or other food can be kept cool by substituting finely crushed ice or ice water instead of hot water.

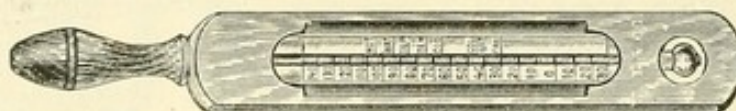


Price, Polished Copper with Felt Cosy, \$2.00.

Bottles extra (three) 25 cents.



Sterilizing or Pasteurizing Thermometers, each .....\$0 75



Bath Thermometers, 8-inch, \$0.25; 9-inch, \$0.35; 12-inch, \$0.60

For Sterilizers see Index.



## DISINFECTING APPARATUS.

### The "Copper Retort" Formaldehyde Gas Generator.

Formaldehyde Gas is being universally and almost exclusively used by Bacteriologists, Physicians, Boards of Health and Hospitals, for disinfection of wards, rooms and clothing. It is also being extensively used for sterilization of instruments, catheters, etc., with excellent results.

This Generator is of copper and brass throughout. It is supplied with Primus blast lamp, and is operated from the outside of room. Either a 40 per cent. solution of formaldehyde or formalin pastils can be used. All parts interchangeable. Will disinfect a room of 12,000 cubic feet with one filling.

Price .....\$12.50

### The "Sanitary" Formaldehyde Gas Generator.

This apparatus consists of a cylindrical copper receiver with a shallow corrugated copper chamber beneath the same, communicating by a suitable means with the room or apartment to be disinfected; a valve controls the entrance into the heating chamber from the receiver; a Swedish heating lamp heats the same.

**MECHANICAL OPERATION.**—A quantity of solution of formaldehyde is put into the receiver through the opening on top. The heating lamp is lit and the shallow chamber below the receiver brought to a red heat. The valve is then opened, and a fine stream of the formaldehyde solution allowed to pass into the shallow chamber. Upon coming in contact with the heated metal the solution is instantly decomposed, and the formic aldehyde gas liberated through the pipe. The gas is superheated, dried and purified as it passes from the chamber into the room or apartment being disinfected.

This apparatus, like the above, is operated on the outside of the apartment to be disinfected, and the gas conveyed by means of a flexible rubber tube through the key-hole of a door or other opening.

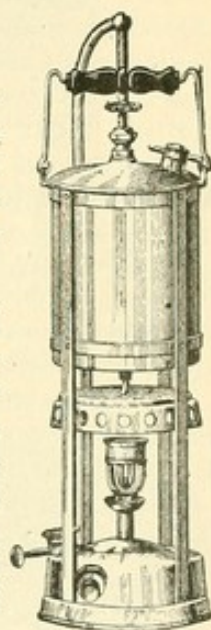
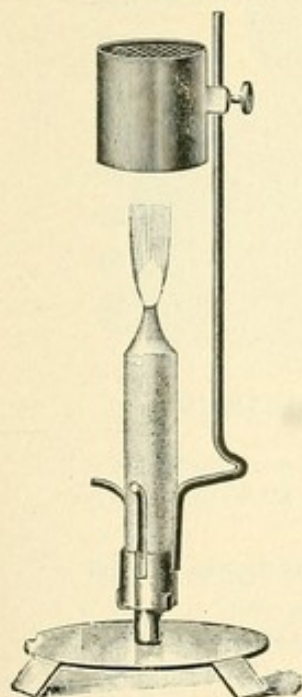
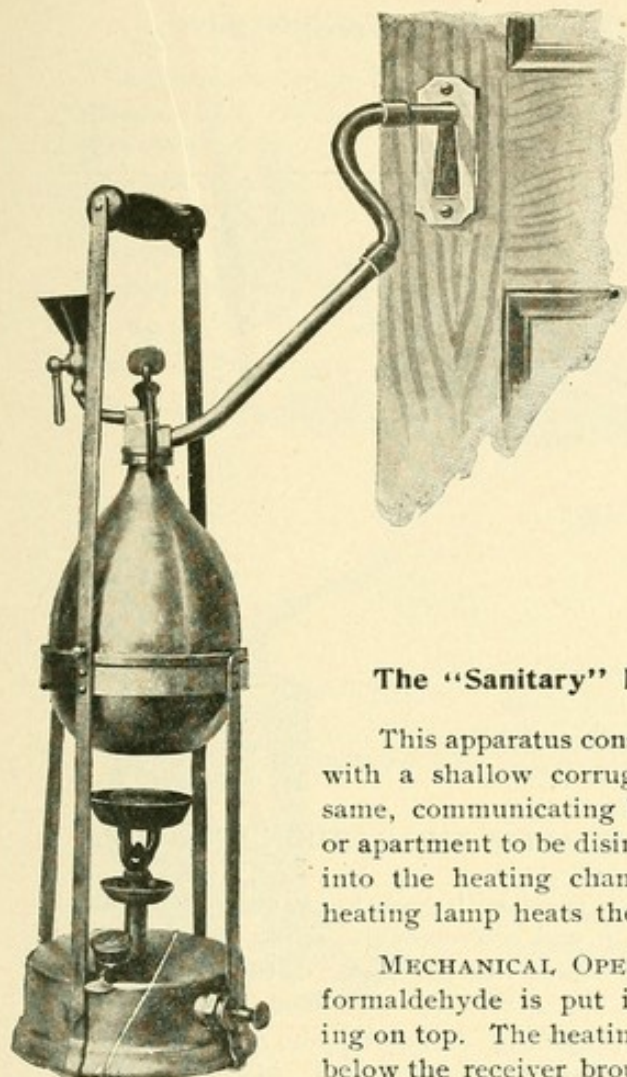
Data on Formaldehyde Gas Disinfection and full description of above apparatus furnished on application.

Sanitary No. 1 Improved. Capacity, 15,000 cubic feet. Designed for general apartment disinfecting .....\$27.50

Sanitary No. 2. Capacity, 50,000 cubic feet. Designed for very extensive work ..... 75.00

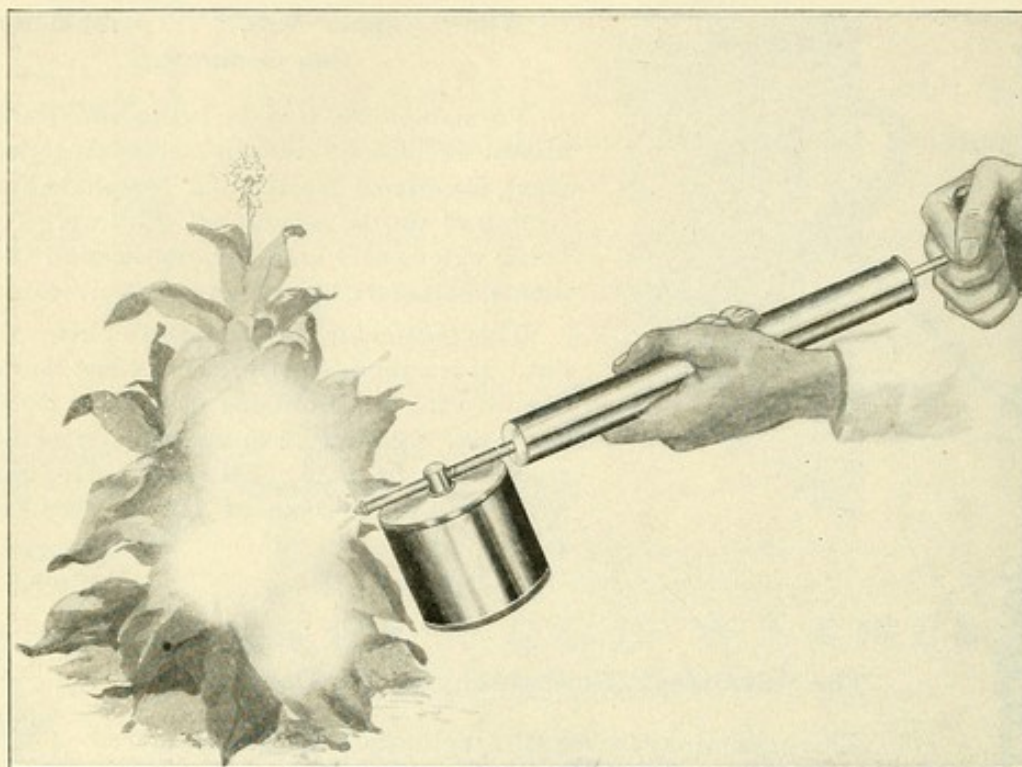
### The Universal Formaldehyde Gas Generator.

A cheap apparatus for disinfecting small rooms or closets, constructed so it can be used with a candle, kerosene lamp or gas. Price .....\$1.50





## DISINFECTING APPARATUS.



### THE HOUSEHOLD SPRAYER, THE HOSPITAL SPRAYER, THE GARDEN SPRAYER.

The only instrument that throws a continuous fine spray with great force, either straight forward, up, down, or sideways, thus making it possible and convenient to spray under seats and other furniture, into cracks, crevices and corners, behind heating pipes, or through small opening into closed rooms, etc.

Sprays either oily or watery solutions : coal oil, turpentine, formaldehyde, creosote solutions, nitro-benzine, etc. Producing a fine vapor-like spray, it kills mosquitos, flies and other insects on the wing. A room can be thus cleared of the pests in a few minutes.

Spraying over the surface of ponds, reservoirs and cisterns destroys the larvæ of the mosquito more effectively and with less quantity of solution than by pouring it in.

W. C. 1811.	The Household Sprayer,	straight forward tip, 2 oz. bottle.....	\$1.00
W. C. 1819.	" " " " " " " "	" " large " .....	1.15
W. C. 1827.	The Hospital or Factory Sprayer,	straight and up tips, ½ pt .....	1.25
W. C. 1835.	" " " " " " " "	" " 1 pt.....	1.35
W. C. 1843.	Garden or Plant Sprayer,	straight and up tips, quart.....	1.50

The latter can be used universally for Household, Hospital or Garden, for Germs, Bugs, Plants, and all purposes.

### DISINFECTANT, DEODORANT, GERMICIDE AND INSECTICIDE SPRAY SOLUTIONS.

FORMULA NO. 201. Kills insects on flowers, fruits, vegetables, shrubs, trees, vines, etc. Also kills lice, fleas, etc., on fowls, dogs and other domestic animals. Price, \$2.00 per pint. One pint makes from 15 to 40 gallons of solution.

FORMULA NO. 202. For disinfecting hospitals, sick rooms, cellars, bath rooms, sinks, toilets, dog kennels, stables, chicken coops, etc. Price, \$2.50 per gallon.

FORMULA NO. 203. For killing Roaches, Ants, Bed Bugs, Fleas, Spiders, Mosquitos and all other insect pests. Price, \$2.50 per gallon.



## DISINFECTING APPARATUS.

### SCHERING'S FORMALIN LAMP

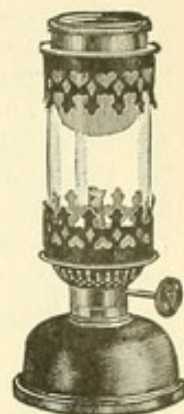
#### FOR SICK-ROOM DISINFECTION AND DEODORIZATION.

Schering's Formalin Lamp is unsurpassed for the prevention of contagious diseases by chemical combination with their noxious principles. It energetically sterilizes, purifies and deodorizes the air, producing a pure, refreshing and odorless atmosphere in the sick room. It is invaluable in the prevention and treatment of catarrhs of all kinds, influenza, diphtheria, measles, scarlatina, whooping cough and other zymotic affections, and is indorsed by the leading hygienists of the world.

By the use of Schering's Formalin Pastils, which are entirely innocuous, the danger of employing the caustic liquid Formalin is avoided.

Price, with Pastils.....\$1.75.

Pastils, per box of 20.....30c.

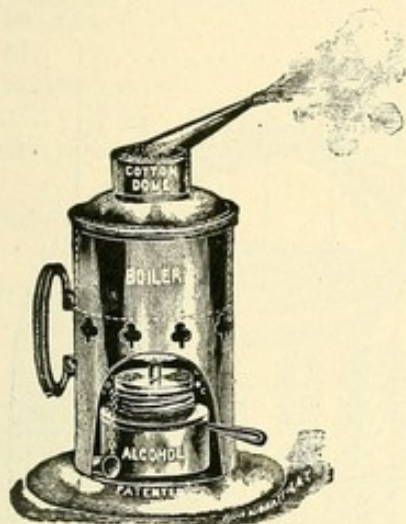


### THE SIMPLEX STEAM VAPORIZER AND FORMALIN LAMP.

(Dr. Janeway's Favorite Inhaler.)

This Lamp enjoys many advantages over cold atomizer and direct heat appliances, in that it volatilizes, softens and prepares all medicinal substances, for inhalation, by the aid of steam, carrying the medication in a "warm, healing vapor" to the nose, throat and lungs thoroughly prepared for immediate action and benefit. Full directions and formulas accompany each instrument. The Lamp is also the Leader on the market for disinfecting rooms, closets, coaches and libraries by Formaldehyde solution.

Price, .....\$1.50



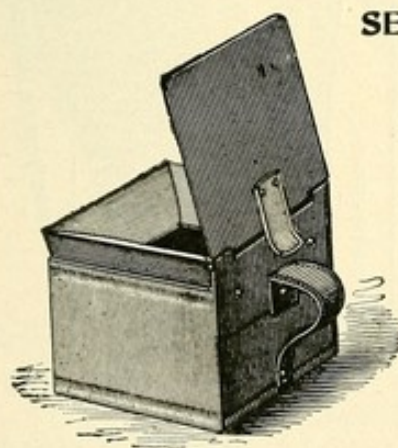
### SEABURY'S SANITARY CUSPIDORS.

Light, Clean, Aseptic, Cheap.

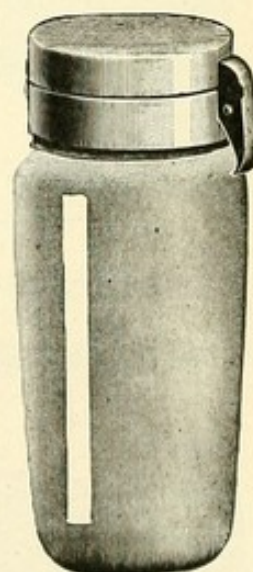
They consist of a waterproof container inserted and retained in a metal frame. After using, these cups are easily removed, and should be destroyed *by burning*, so as to obliterate all germs of disease, and replaced by new ones.

#### PRICES :

Cuspidors, with Cover.....each,	\$0 35
Extra Cup Papers.....per box of 20,	25
" " " .....per 100,	1 00



Seabury Cuspidor.  
Patented 1889.



Aluminum Spit Cup.

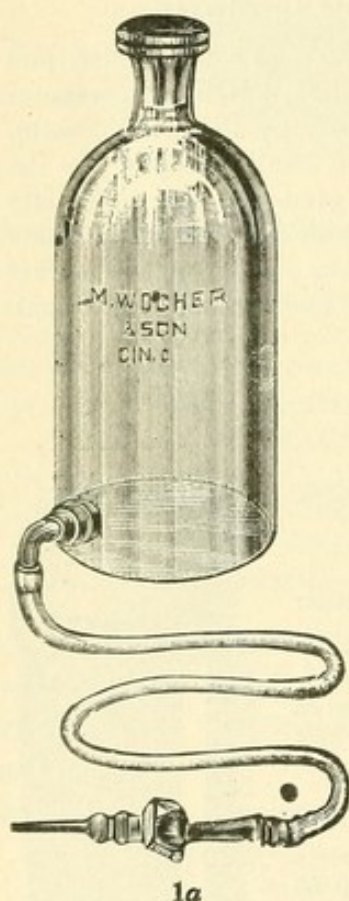
### SPIT CUPS.

Spit Cup or Flask, aluminum, with spring lid, to be carried in the pocket.....	\$1 75
" " blue glass, with handle.....	30
" " porcelain, with funnel removable.....	35
" " white enameled steel.....	75

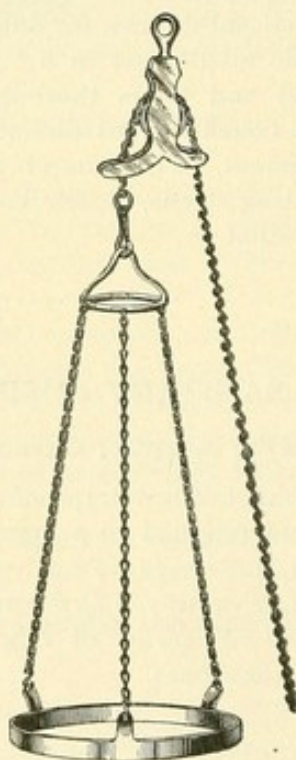


## WOUND IRRIGATORS—GLASS TRAYS.

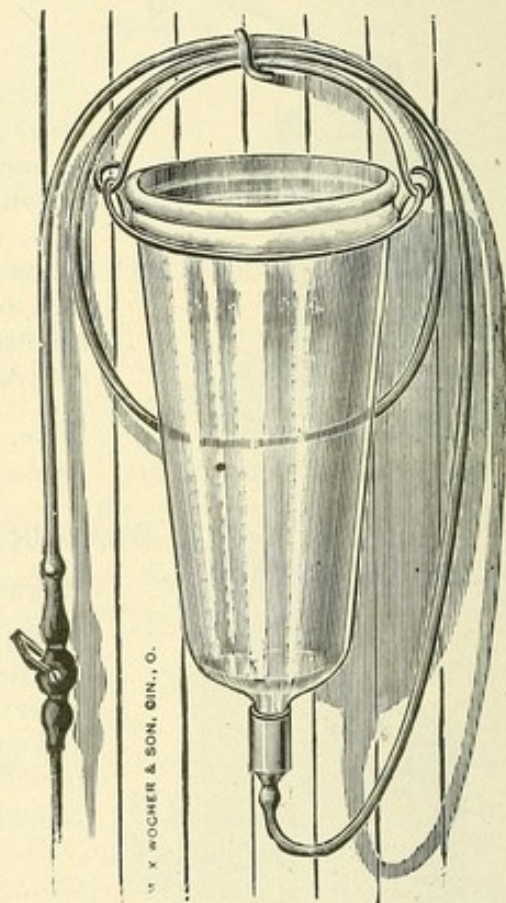
1a*	Irrigator Bottle, with tubulure and fitting, six feet of tubing and Esmarch shut-off.....	2-gal., \$3.75; 3-gal., \$4 50
2a	Irrigator Bottle, with tubulure only.....	2-gal., 2.75; 3-gal., 3 50
3a*	Percolator Frame, with lock pulley to be raised and lowered. Can be suspended to ceiling or wall bracket. Price as illustrated.....	3 50
4a	Percolator Frame, with wall bracket, Valentine's, see index "Valentine".....	3 50
5a	Percolator, without fitting.....	1-gal., \$0.75; 1½-gal., \$1.00; 2-gal., \$1.15; 3-gal., 2 00
6a	" Valentine's, 40-ounce.....	75
7a	" fitting hard rubber to connect tubing.....	35
8a	" " soft rubber nipple and h. r. fitting.....	35
9a	Tubing, for percolator, with large end.....	1.25
10a	" " " Valentine, with heavy shutoff end.....	1 50
11a	" regular, for 7a or 8a, per foot.....	white, 5c.; red, 09
12a*	Percolator Irrigator, complete, with frame as shown to suspend from ceiling, or wall bracket with 6 feet of tubing, shutoff, pulley and rope, 1½-gal., \$3.50; 2-gal., \$4.00; 3-gal., 4 75	
13a	Saline Apparatus, see index "Kelly's".....	3 50
14a	Esmarch Shutoff.....	60
15a	Nozzles, glass, for wound irrigation, each.....	15



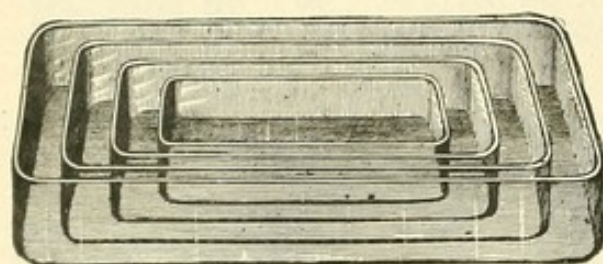
1a



3a



12a



16a

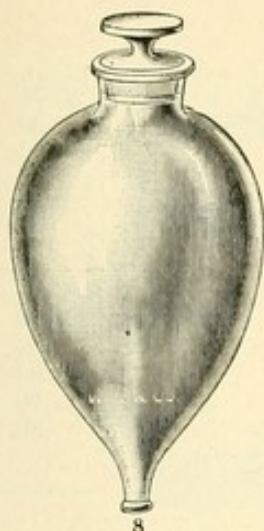
16a\* Glass Trays, clear crystal glass, straight walls.

5	x	3	inches, each.....	\$0 50
6¾	x	4¼	" ".....	75
9	x	4¾	" ".....	1 20
10½	x	6½	" ".....	1 50
12	x	7	" ".....	2 00
13¾	x	8¾	" ".....	2 75
18	x	10½	" ".....	6 00

All instruments designated with a \* are illustrated.



## HOSPITAL GLASSWARE, Etc.



8



9



10

**8\* IRRIGATOR, Balloon Form, of Crystal Glass.**

To suspend from ceiling, complete, with metal collar, chains and pulley, 6 feet rubber tubing and Esmarch shut-off.....

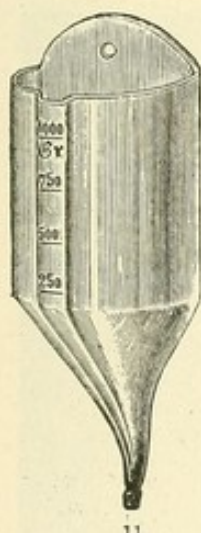
\$.66 00

**9\* IRRIGATOR, Crystal Glass, without Handle.**

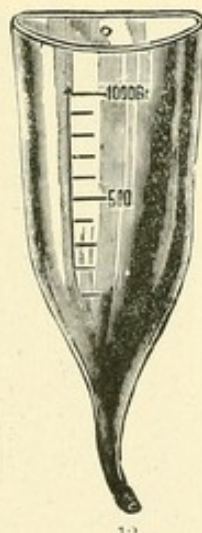
Capacity 1 quart.....	plain, \$0 70; graduated, \$0 85
" 2 ".....	" 1 05; " 1 30
" 3 ".....	" 1 40; " 1 70
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00

**10\* IRRIGATOR, Crystal Glass, with Handle.**

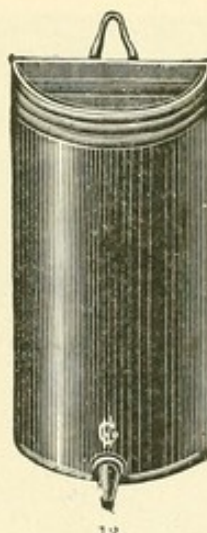
Capacity 1 quart.....	plain, \$0 80; graduated, \$0 90
" 1½ ".....	" 1 05; " 1 25
" 2 ".....	" 1 10; " 1 40
" 3½ ".....	" 1 60; " 1 90
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00



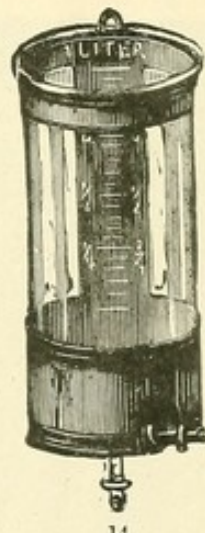
11



12



13



14

**11\* IRRIGATOR, Crystal Glass, Funnel Shaped, Flat Back. Extra Fine.**

Capacity 1 quart, graduated.....	\$0 85	Capacity 1½ quarts, graduated.....	\$1 00
" 2 ".....	1 10	" 3½ ".....	1 50
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00		

**12\* IRRIGATOR, Crystal Glass, Funnel Shaped, Flat Back.**

Capacity 1 quart, graduated.....	\$0 90	Capacity 1½ quarts, graduated.....	\$1 00
" 2 ".....	1 20	" 3½ ".....	1 80
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00		

**13\* IRRIGATOR, Zinc Metal, Fire Bronzed Outside.**

Capacity 1 quart, \$0 30; 2 quarts, \$0 45; 3 quarts.....	\$0 55
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00

**14\* IRRIGATOR, Glass Cylinder in Metal Frame.**

Capacity 1 quart, \$0 90; 2 quarts, \$1 35; 3 quarts.....	\$2 25
6 feet rubber tubing and Esmarch shut-off, additional.....	1 00

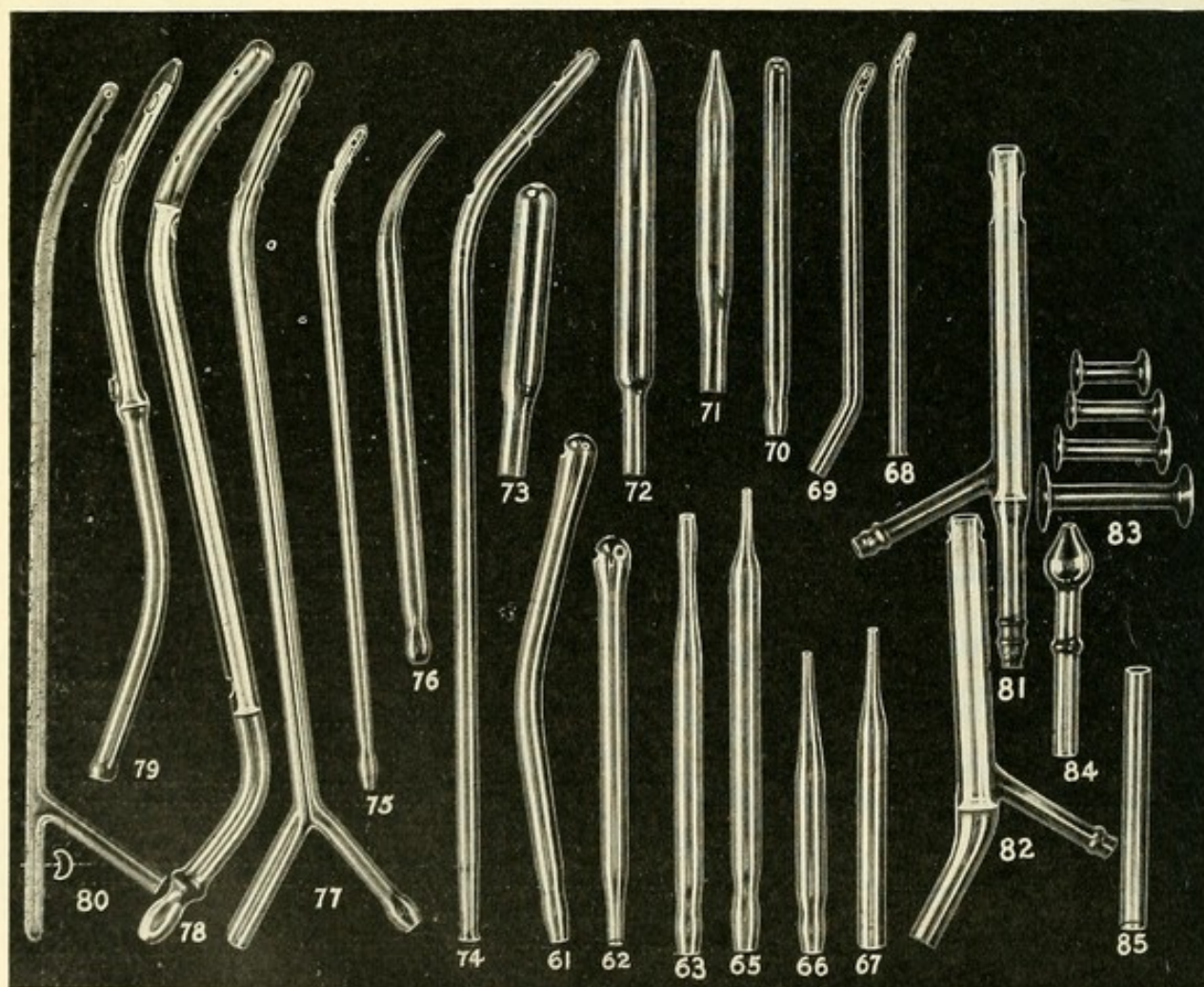
For Urethral Irrigators, see page

All Instruments designated with a \* are illustrated.



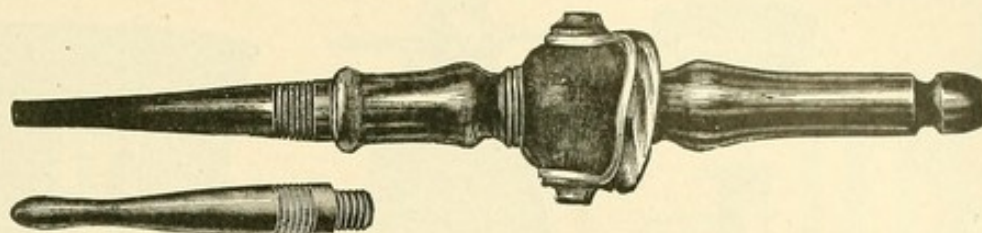
## GLASS IRRIGATING NOZZLES.

			Heavy.	Light.
61.	Glass Vaginal Nozzles, 3 hole, curved.....	per doz.,	\$1.50	\$0.75
62.	" " " " straight .....	"	.75	.50
63.	" Nozzles, olivary tip, 6 inch.....	"	.90	.50
64.	" " " " 4 " .....	"	.75	.40
65.	" " " " trapering tip, 6 inch .....	"	.90	.50
66.	" " " " 4 " .....	"	.70	.35
67.	" " " " plain end .....	"	.45	.30
68.	" Female Catheters.....		.75	.50
69.	" " " " .....		.75	.50
70.	" Rectal Nozzles, 5 inch.....	per doz.,	.65	.40
71.	" Valentine Nozzles, male, 4½ inch.....	"	1.25	.90
72.	" " " " 6 " .....	"	1.25	.90
73.	" " " " female .....	"	1.25	.90
74.	" Uterine Douche, Chamberlain's.....	large,	.60	
75.	" " " " .....	small,	.40	
76.	" Pipette, straight or curved.....		.20	
77.	" Uterine Douche, double flow.....		.75	
78.	" " " " inside tube for inlet, Bozeman.....		.80	
79.	" " " " " " " " Krevet.....		.60	
80.	" " " " " " " " Budin, with outflow gutter.....		.60	
81.	" Rectal Irrigator, Kemp's.....		1.00	
82.	" " " " Chetwood's .....		.60	
83.	" Spools, for Silk or Catgut .....			
	Length, 1½ in., 1¾ in., 1⅝ in., 1¾ in., 2 in.			
	Diameter, ⅝ in., ⅜ in., ¾ in., ¾ in., 1 in.			
	Per dozen, 40c, 45c, 50c, 55c, 65c.			
84.	Glass Nose Pieces, olivary .....	per doz.,	.75	
85.	" Mouth Pieces, straight, smooth .....	"	.50	



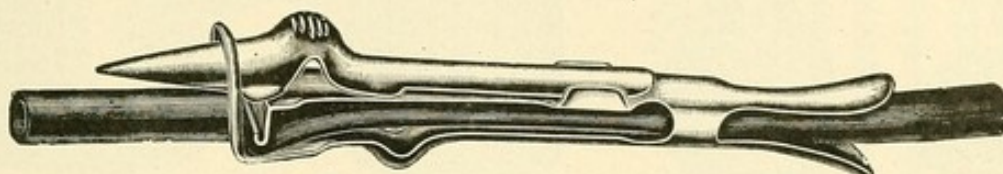


## HOSPITAL GLASSWARE, Etc.



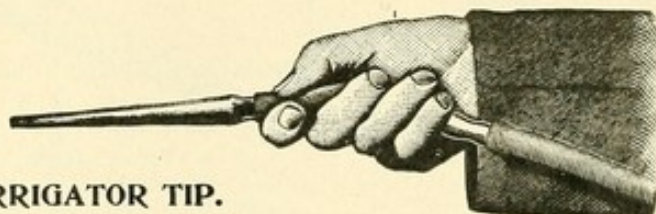
15\* ESMARCH HARD-RUBBER SHUT-OFF.

Two tips ..... \$0 60



16\* ASEPTIC SELF-RETAINING NICKEL-PLATED SHUT-OFF.

Easily adjusted to control the flow through any size tubing, always ready for use.....\$0 60



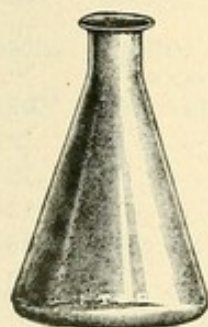
17\* IRRIGATOR TIP.

Rubber and glass ..... \$0 25

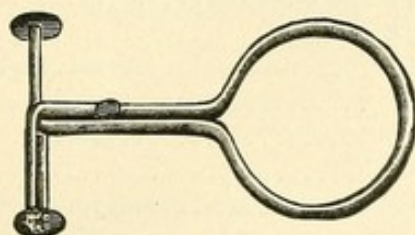


18\* IRRIGATOR TIPS.

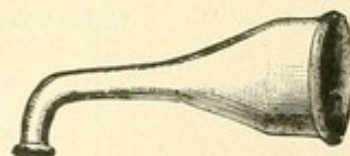
A\* Glass conical ..... per dozen, \$0 60 ..... plain, per dozen, \$0 30  
B\* Glass olivary ..... " " 0 75



19



20



21

19\* FLUSHING BOTTLE OR HAND IRRIGATOR.

Capacity, 1 quart.....\$0 40      2 quarts..... \$0 80

20\* PINCH COCK.

Made in three sizes ..... each, \$0 20

21\* IRRIGATOR SPOUT CAPS.

Soft rubber, for slipping over spouts of bottles to make connection with rubber tubing.

Each ..... \$0 30

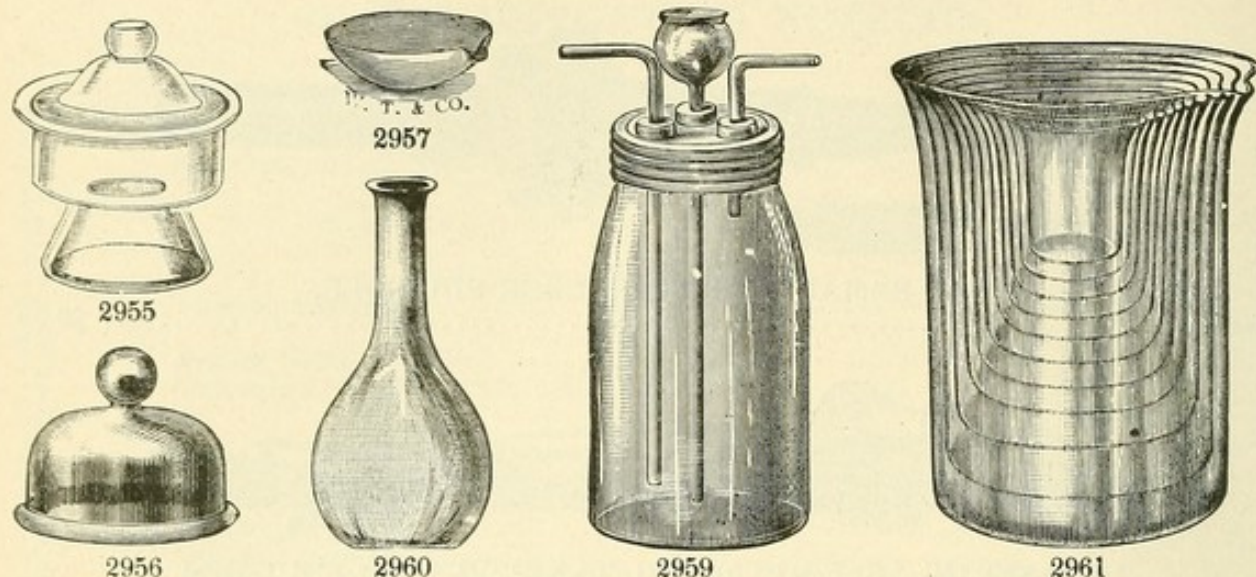
22 IRRIGATOR TUBING.

Red rubber, 9-ft. lengths, with funnel end to slip over spouts of bottles..... each, \$1 25  
Tubing, white rubber, ordinary,  $\frac{1}{4}$  inch diameter ..... per foot, 05

All instruments designated with a \* are illustrated.



## CHEMICAL APPARATUS AND GLASSWARE.



2955*	Dessicating Jar, 4½ inch diameter.....	each, \$0	90
2956*	Bell Glasses, short, 4 ".....	"	40
	" " 6 ".....	"	65
	" " 8 ".....	"	90
2957*	Evaporating Dish, Porcelain, with lip, 1 ounce.....	"	12
	" " " 2 ".....	"	14
	" " " 3 ".....	"	18
	" " " 4 ".....	"	22
	" " " 6 ".....	"	25
	" " " 8 ".....	"	35
2958	" " Watch Crystals, assorted sizes.....	doz.	40
2959*	Chemical Jar, pint.....		65
	" " quart.....		70
	" " gallon.....		80
2960*	Chemical Flask, Best Bohemian, 4 ounce.....	each,	10
	" " " 8 ".....	"	14
	" " " 16 ".....	"	20
2961*	Beakers, Nest of 5— 1, 3, 4, 5 and 6 ounce.....	"	70
	" " 6—1, 2, 3, 4, 6 and 8 ".....	"	85
2962	" wide, with lip, 1 ounce.....	"	07
	" " 2 ".....	"	10
	" " 3 ".....	"	12
	" " 4 ".....	"	13
	" " 6 ".....	"	15
	" " 8 ".....	"	18
2963	Bottle with Tubulature, (Irrigator) quart.....	1	00
	" " " 1 gallon.....	1	50
	" " " 2 ".....	2	75
	" " " 3 ".....	3	50
2964	Precipitating Jar with lip, 1 pint.....		30
	" " " 1 quart.....		40
	" " " 1 gallon.....		90
2965	Anæsthetic Bottle, Chloroform or Ether, glass caps and stoppers, 4 ounce.....		50
	" " " " 8 ".....		75
	" " " " 16 ".....		1 00
2965a	Specific Gravity Bottles, with Graduation mark on neck, each in case, 5 sizes, 100 gram; 1000 gram; 10 cc; 50 cc; 100 cc.....		1 25

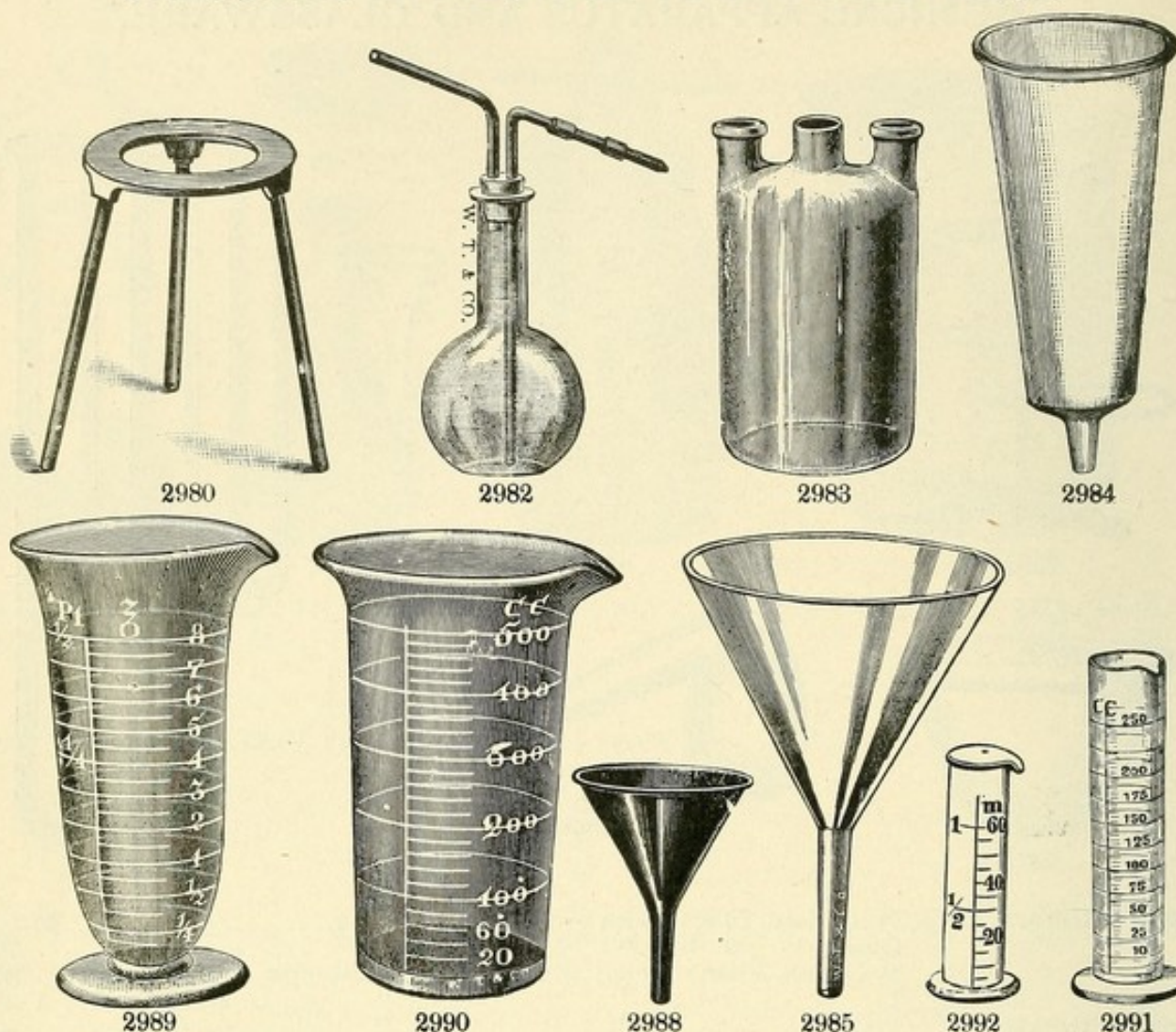
All instruments designated with a \* are illustrated.







## CHEMICAL APPARATUS AND GLASSWARE.

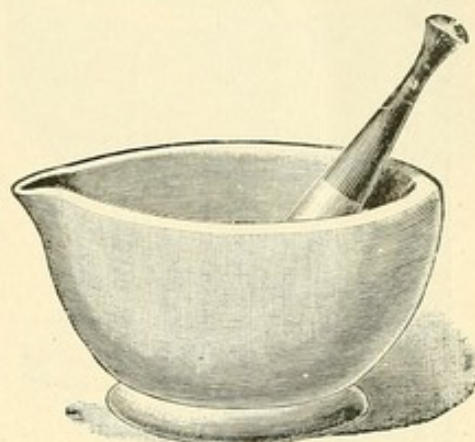
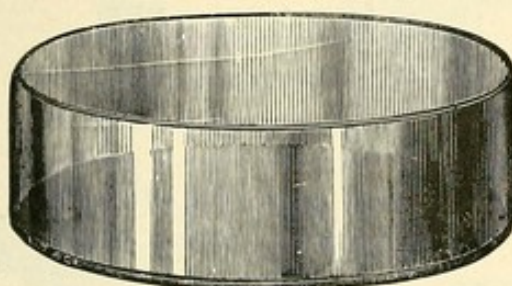
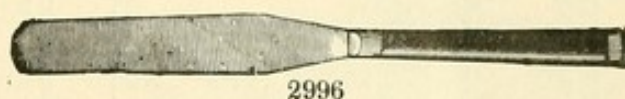
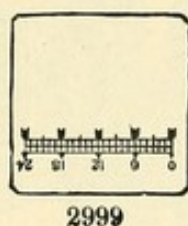


2980*	Tripod, Iron.	7 $\frac{3}{8}$ inches high, 1 ring	\$ 35
2981	"	7 $\frac{1}{2}$ " " with 3 concentric rings, 2, 5 and 7 in. apertures.	60
2982*	Wash Bottle, complete with flexible exit tube	1 pint, 50c.; 1 quart,	75
2983*	Woulff Bottles,	$\frac{1}{2}$ pint, 3 necks, .....	50
	"	quart, 3 " .....	90
	"	gallon, 3 " .....	2 00
2984*	Percolator	Conical, Heavy Glass, pint	25
	"	" " " quart	35
	"	" " " 1 gallon	75
	"	" " " 2 "	1 15
	"	" " " 3 "	2 00
2985*	Glass Funnel, plain,	1 ounce	08
	"	" 2 "	10
	"	" 4 "	13
	"	" 8 "	15
	"	" Pints	20
	"	" Quart	25
2986	"	and-Made, $\frac{1}{2}$ oz. long slender stem	20
2987	"	Stoppered, $\frac{1}{2}$ pint	35
	"	" pint	40
	"	" quart	50
2988*	Hard Rubber Funnel,	$\frac{1}{2}$ pint	40
	"	pint	60
	"	quart	75
2989*	Graduates, Glass, Cone Shape.		
	Double Scale, 60 Minims and 5 CC	20c	Double Scale, 2 oz. and 60 CC 30c.
	120 " " 10 "	25c.	4 " " 125 " 40c.
	$\frac{1}{2}$ oz. " 15 "	20c.	8 " " 250 " 60c.
	1 " " 30 "	25c.	16 " " 500 " 90c.

All instruments designated with a \* are illustrated.



## CHEMICAL APPARATUS AND GLASSWARE.

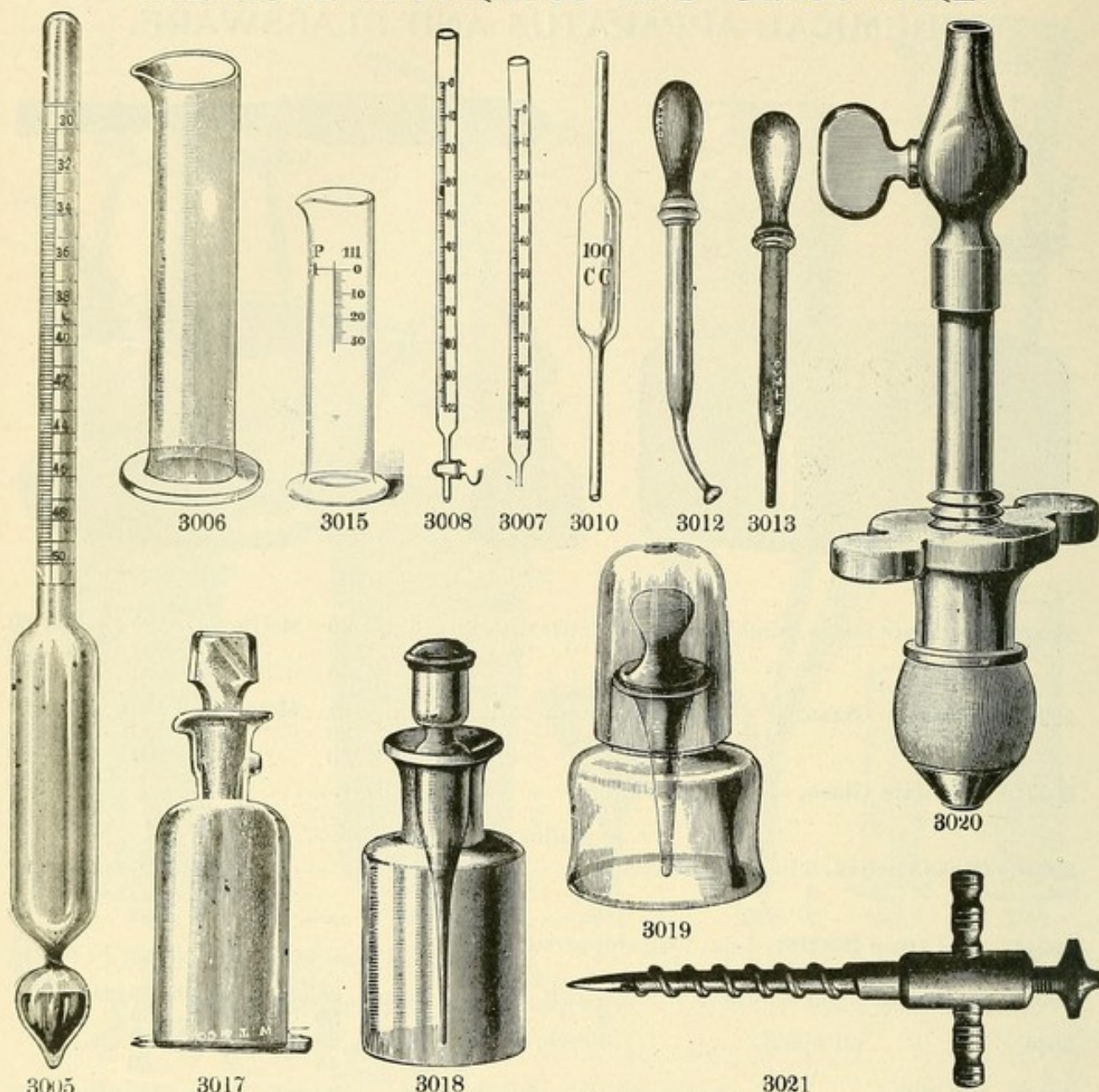


2990*	Graduate Glass, tumbler shape ;	Metric scale 15 c. c., \$0 25	Metric scale 120 c. c., \$0 60
		" " 30 " 35	" " 250 " 80
		" " 60 " 50	" " 500 " 1 00
2991*	Graduate Glass, { Cylindrical on foot, }	Metric scale 10 c. c., 25	Metric scale 120 c. c., 60
		" " 30 " 30	" " 250 " 80
		" " 60 " 40	" " 500 " 1 00
2992*	Graduate Glass, on foot, 60 minim.....		20
	120 " .....		25
	5 c. c. graduated in $\frac{1}{2}$ c. c.....		75
2993*	Glass Dishes, 3 inches diameter.....		16
	6 " " .....		40
	9 " " .....		80
2994*	Acid Drop Bottles, 1-oz., long stoppered.....		20
2995	" " 2 " " .....		35
2996*	Spatulas, wood handle.....	3-inch, 20 cts.; 4-inch, 26 cts.; 5-inch, 30 cts.;	
		6 " 35 " 7 " 50 " 8 " 60 "	
2998	" all metal.....	3-inch, 30 cts.; 4-inch, 35 cts.; 5-inch, 40 cts.;	
		6 " 45 " 8 " 60 "	
2999*	Pill Tile.....	6-inch, 50 cts.; 8-inch, 75 cts.; 10-inch, \$1.00; 12-inch,	1 75
3000*	Alcohol Lamp, glass, 2-oz., with ground glass cap.....		25
3001	" 4 " " " .....		35
3002*	Mortar and Pestle, Wedgewood.....	No. 0000, 3-inch, 25 cts.; No. 1, 4 $\frac{1}{2}$ -inch,	45
		" 000, 3 $\frac{1}{4}$ " 30 " " 2, 5 $\frac{1}{4}$ " 50	
		" 00, 3 $\frac{1}{2}$ " 35 " " 3, 6 " 60	
		" 0, 4 " 40 "	
3003	Rubber Tubing, $\frac{1}{8}$ -inch internal diameter, light, per foot, 4 cts.; heavy, per foot,		6
	$\frac{3}{8}$ " " " " " 5 " " " 7		
	$\frac{1}{2}$ " " " " " 7 " " " 9		
	$\frac{5}{8}$ " " " " " 8 " " " 11		
	$\frac{3}{4}$ " " " " " 10 " " " 13		
	$\frac{7}{8}$ " " " " " 15 " " " 18		
3004	Rubber Tubing, imported pure gum.		
	No. 1, inside diam. 3 m. m., per foot, 5 cts.; No. 8, inside diam. 5 m. m., per foot,		14
	" 2, " 3 $\frac{1}{4}$ " " 6 " " 9, " 6 " " 16		
	" 3, " 3 $\frac{1}{2}$ " " 7 " " 10, " 7 " " 18		
	" 4, " 3 $\frac{3}{4}$ " " 9 " " 11, " 8 " " 22		
	" 5, " 4 " " 10 " " 12, " 9 " " 24		
	" 6, " 4 $\frac{1}{4}$ " " 11 " " 13, " 10 " " 30		
	" 7, " 4 $\frac{1}{2}$ " " 12 " " 14, " 11 " " 38		

All Instruments designated with a \* are illustrated.



## CHEMICAL APPARATUS AND GLASSWARE.

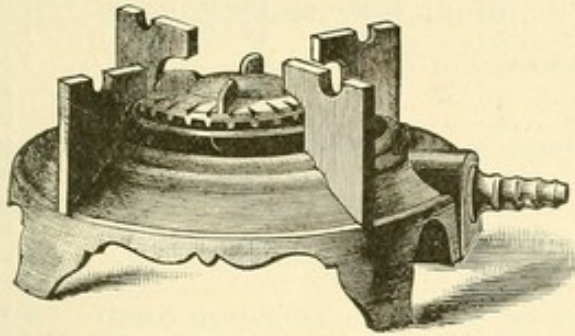


3005*	Hydrometers, for acid, alkali, ammonia, bark, beer, brine, coal oil, cider, chlorine, lye, milk, pickle, salt, syrup, spirit, for liquids lighter than water, for liquids heavier than water, each	\$0 35
3006*	Hydrometer Jars, on foot.....10-inch. 30c.; 12-inch, 35	
3007*	Mohr's Burette, 25 cc., graduated in 1-5, 90c.; graduated in 1-10, \$1 25; 50 cc., graduated in 1-5, \$1 00 graduated in 1-10, \$1 25; 100 cc., graduated in 1-5, \$1 50; graduated in 1-10.....	1 75
3008*	With Glass Stop Cocks, additional, each.....	75
3009	Burette Holders, plain for 1.....	95
	" " " " 2.....	1 25
	" " " " 4.....	1 50
3010*	Volume Pipettes.....5 cc., 20 cents; 15 cc., 40 cents; 25 cc., 60 cents; 50 cc., 65	
3011	Pipette, with Nipple, 30 minim, graduated.....	20
3012*	" Eye, each in separate wood box, per doz.....	55
3013*	" Medicine Dropper, straight or curved.....dozen,	25
3014	" Graduated in 1-10's 5 cc.....	40
	" " " 1-10's 10 cc.....	45
	" " " 1-10's 25 cc.....	65
3015*	Creamometer for measuring percentage of cream in milk.....½ pint, 65 cents; 1 pint, 75	
3016	Milk Test Set, consisting of two jars, 1 pint graduated from 0 to 90, one ½ pint graduated from 0 to 30, and one Lactometer, put up in a neat wooden box, complete.....	2 25
3017*	Dropping Bottles, square or round.....½ oz., 15 cents; 1 oz., 20 cents; 2 oz., 20	
3018*	" " Atropine, with pipette stopper.....	25
3019*	Balsam Varnish or Drop Bottle.....	25
3020*	Compression Bottle Faucet.....	75
3021*	Champagne Cork.....	80

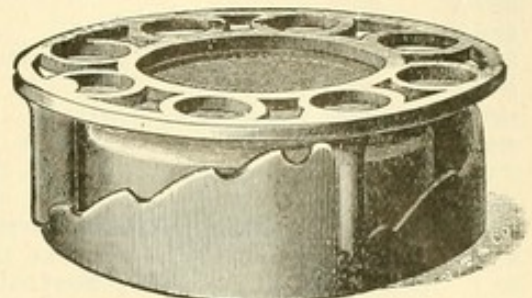
All Instruments designated with a \* are illustrated.



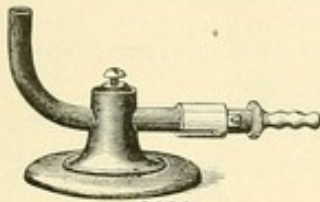
## CHEMICAL APPARATUS AND GLASSWARE.



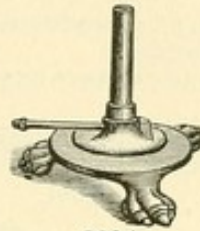
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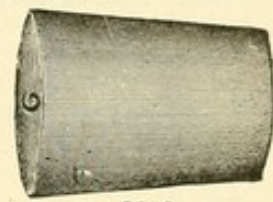
3031



3022



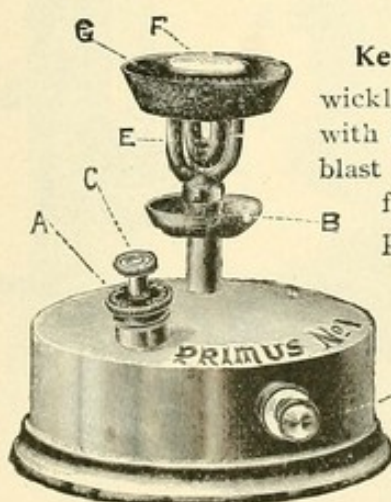
3024



3032

3022*	Bunsen Burner, bent arm, large	\$0 75
3023	" " " " small	50
3024*	" " " " straight, small	35
3025	" " " " large	40
3026	" " " " small, nickel-plated	50
3026a	Koch's Safety Burner	7 50
3027	Bunsen Burner, improved, with flame check and gas regulator	1 00
3028	Tripods for burners, for setting on evaporating dish, etc., small	12
3029	" " " " " " " " large	15
3030*	No. 1 Gas Stove	1 00
3031*	Pocket Stove, with pan for heating fluids, in box	50
3032*	Rubber Stoppers, for Laboratory use.	

No.	Length.	Diam. at Top, Inches.	Diam. at Bottom, Inches.	Solid, Per Dozen.	1-Hole, Per Dozen.	2-Hole, Per Dozen.
1	1 1/2	1 1/2	1 1/2	\$0 20	\$0 25	\$0 30
2	1 3/4	1 3/4	1 3/4	25	30	35
3	2 1/4	2 1/4	2 1/4	40	45	50
4	2 3/4	2 3/4	2 3/4	50	55	60
5	3 1/4	3 1/4	3 1/4	70	75	80
6	3 3/4	3 3/4	3 3/4	85	90	95
7	4 1/4	4 1/4	4 1/4	1 00	1 10	1 20
8	4 3/4	4 3/4	4 3/4	1 20	1 30	1 40
9	5 1/4	5 1/4	5 1/4	1 40	1 50	1 60
10	5 3/4	5 3/4	5 3/4	2 00	2 15	2 30



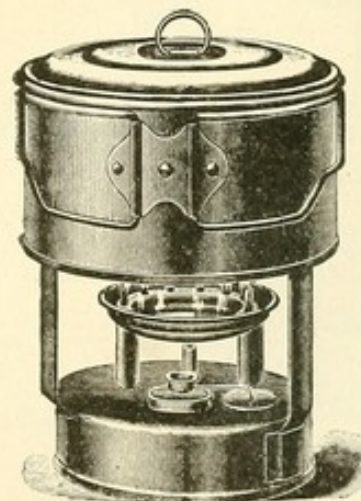
3031a.

**Kerosene Heater,**

wickless, odorless, burns with a powerful blue blast flame which is forced up by compressed air and is therefore non-explosive.

Price, \$4.00.

Same with standard for holding kettles, etc., \$5.75.



3031b.

**Alcohol Gas Stove.**

In this improved stove the alcohol is converted into and burns as a gas.

Price, \$1.00.

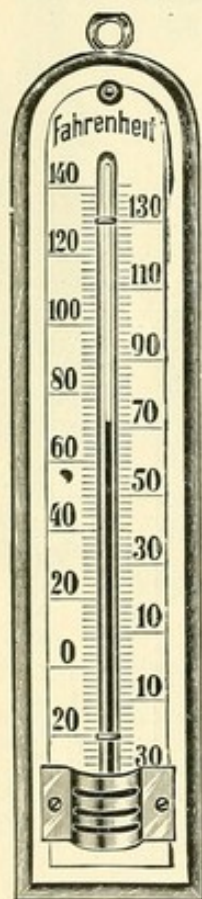


## THERMOMETERS AND SUNDRIES.

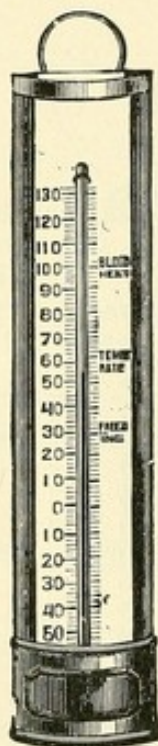
3033*	Chemical Thermometers, graduated on glass, 240° F.....	\$1 00	300° F.....	\$1 25
3033 A	" " " " 100° C.....	1 00	200° C.....	1 25
3033 B	" " " " double scale.....			1 00
3034	" " paper scale, 120° F.....	\$0 35	220° F.....	40
3034 A	" " " " double scale.....			60
3036*	Weather Thermometer, tin case. 6 inch.....	\$0 15	7 inch.....	\$0 20
3037*	" " " " wood back.....	7 inch.....	25	8 inch.....
3037 A*	" " " " glass face.....			1 50
3037 B*	" " " " metal face.....			80
3038	" " " " and Barometer.....			35
3040*	Dairy Thermometer, 8 inch flange, metal scale.....			25
3042	" " " " 8 inch glass.....			25
3042 A	Incubator Thermometer, graduated from 0 to 50° Centigrade.....			1 00
3043	Bath Thermometers, wood case, 8 inch.....	\$0 25	10 inch.....	\$0 35
3043 B*	"Ideal" Feeding and Drinking Cup, for administering nourishment in the recumbent position, each.....	\$0 25	per dozen.....	2 25
3043 C*	Aluminum Spit Cup. Top is removable and can be easily cleansed, each.....			35



3033



3037 A



3036



3037



3037 B



3040



3043 C



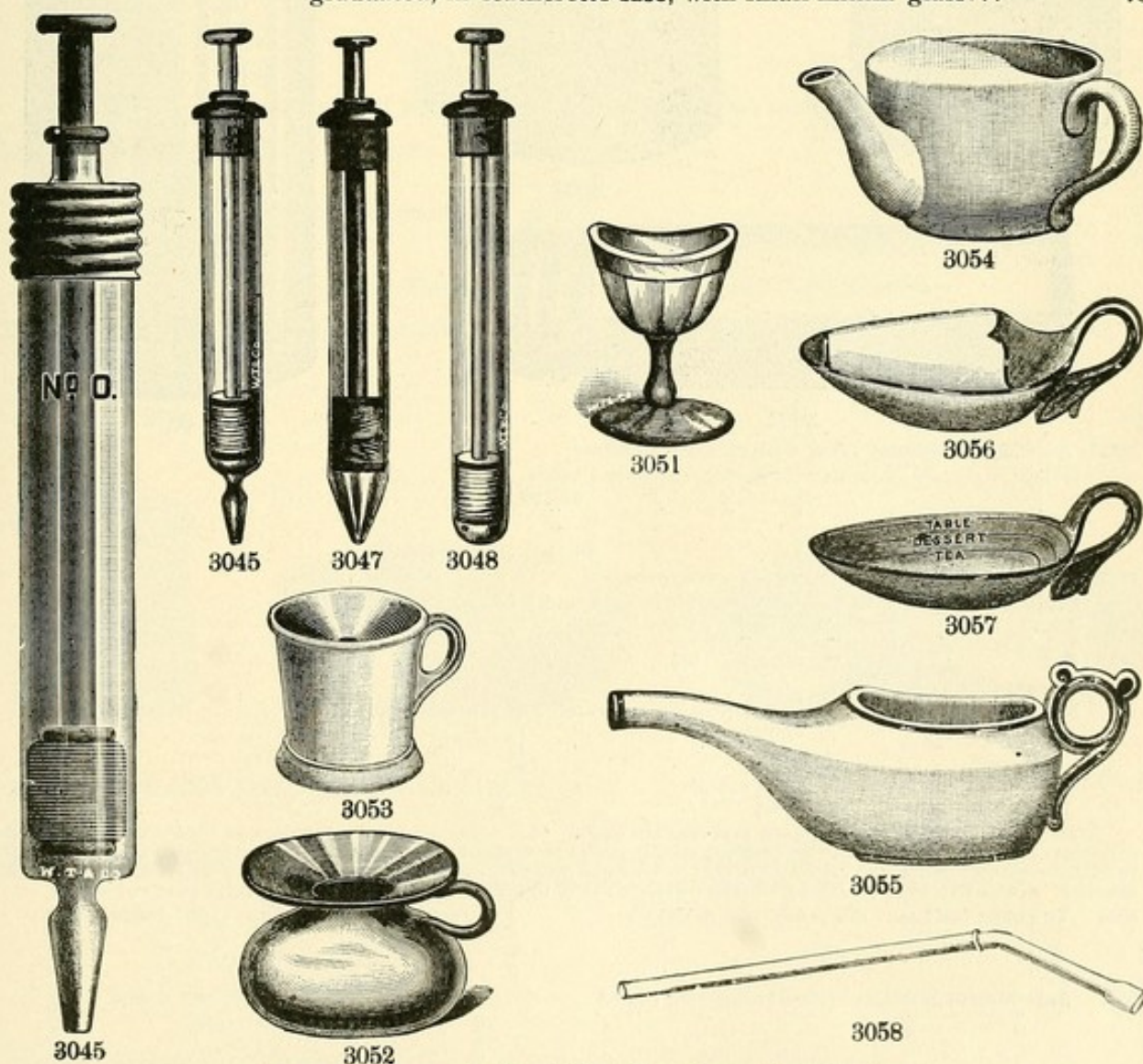
3043 B

All instruments designated with a \* are illustrated.



## GLASS SYRINGES AND SUNDRIES.

3045*	<b>Glass Syringes, male, No. 00</b> .....	per dozen, \$0	75
	" " " " 0.....	"	85
	" " " " 1.....	"	1 00
	" " " " 2.....	"	1 10
	" " " " 3.....	"	1 25
3047*	" " " blunt point, No. 0.....	"	90
	" " " " 1.....	"	1 00
3048*	" " female, No. 3.....	"	1 25
	" " " " 4.....	"	1 50
	" " " " 5.....	"	1 75
	" " " " 6.....	"	2 00
3050	<b>Glass Syringes, for washing out wounds, slender taper point.</b> 2 oz., 80c.	3 oz.	25
3051*	<b>Eye Cups, glass or porcelain</b> .....	each,	15
3052*	<b>Spit Mugs, blue glass</b> .....	"	30
3053*	" " earthenware, with loose funnel.....	"	35
	" " paper, see Index.....		
3054*	<b>Sick Feeders, wide, side spout, plain white</b> .....	"	20
3055*	" " long, front " " " ".....	"	20
3056*	" " porcelain spoon, white and gold flowered.....	"	15
3057*	" " graduated porcelain medicine spoon.....	"	20
3058*	<b>Feeding Tubes, glass</b> .....	"	10
3059	" " " S shape.....	"	15
	" " rubber and linen, see Index.....		
3060	<b>Medicine Glass, graduations engraved</b> .....	"	20
3061	" " " molded.....	"	05
	" " graduated, in leatherette case, with small minim glass ..	"	75



All instruments designated with a \* are illustrated.



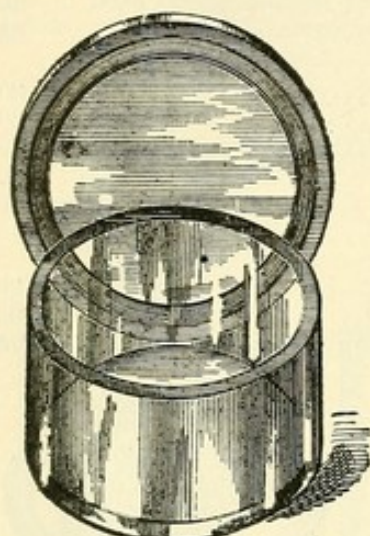
## GLASSWARE.

**3070° Preparation Jar.** The illustration represents a new preparation jar, which we are now prepared to supply, with accurately ground tops fitting absolutely air-tight upon the glass rim of the jar. These jars have no lip or contraction at the top, being made perfectly straight and are specially adapted for holding delicate tissues, which can be removed from them without danger of tearing. As they are absolutely air-tight, volatile liquids can be kept in them for any length of time. Made in three sizes of clear flint glass, and are in every way adapted to microscopical purposes.

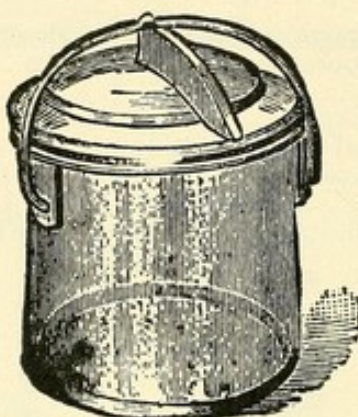
No. 1.	Height inside, 3½ inch; diameter inside, 2½ inch	each, \$0 30
" 2.	" " 1 " " " 2¼ "	" 25
" 3.	" " ¾ " " " 1¾ "	" 20

**3071° Air-tight Museum Jars, small, with wire clamp.** These Jars are especially adapted to laboratory and general microscopical uses and to museum purposes. As they are air-tight, volatile liquids can be kept in them for any length of time and specimens in alcohol can be preserved perfectly. They have no necks, and therefore can be readily cleansed and delicate specimens can be removed from them without danger of injury.

Small size, height 3 inch, diameter 3 inch, capacity 6 ounces	each, \$0 12
Medium " " 4 " " 3 " " 10 "	" 15
Large " " 6½ " " 3 " " 16 "	" 20



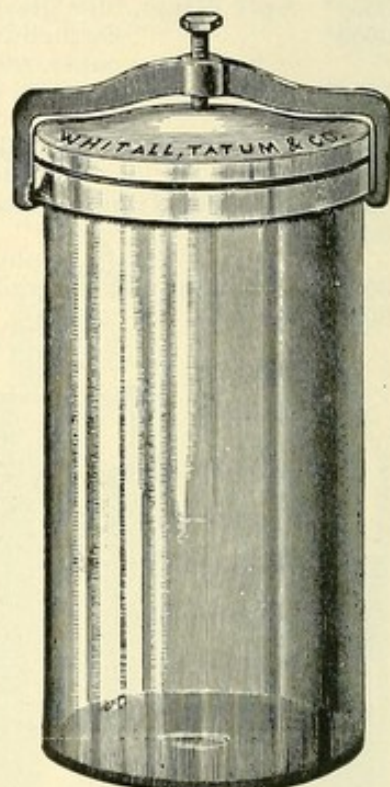
3070



3071



3074



3072

**3072° Air-Tight Museum Jars, with clamp and screw.**

Height, 6 inches, diameter 4½ inches, capacity 1 quart	\$0 75
" 8 " " 6 " " 1 gallon	1 25
" 9 " " 8 " " 2 "	2 15
" 15 " " 9 " " 3 "	3 01
" 24 " " 7½ " " 4½ "	4 00

**3073 Specimen Jars, with ground glass stoppers.**

1 Gallon, height, 12 inches, diameter 7½ inches, width of mouth 3 inches	\$2 00
2 " " 16 " " 7½ " " 4 "	3 25
3 " " 18½ " " 8 " " 5 "	4 75
4 " " 21 " " 9½ " " 6 "	6 50

**3074° Screw Cap Tube Vials.**

No. 45. 1 Drachm. Length 65 Millimeters, diameter 15 Milimeters	dozen, \$0 35
" 46. 2 " " 82 " " 16 "	" 45
" 47. 3 " " 86 " " 19 "	" 55
" 48. 4 " " 83 " " 24 "	" 65
" 49. " " 3½ inches. " ¾ inch	" 75
" 50. " " 5½ " " 7/8 "	" 90

**3075 Vials, for Medicine Cases and Saddle Bags.** In ordering vials used in our medicine cases please give the Catalogue Number of the case for which vials are wanted; also carefully give the length and diameter in Millimeters according to Millimeter Scale—without measuring cork or stopper—of the different sizes of vials wanted. Special vials in lots of one dozen or more made to order. "Metric" Specifications are requested.

<b>3076 Tincture Bottles.</b> Glass stoppered, round	1 ounce	per dozen, \$1 20
" " " " "	2 " "	" 1 40
" " " " "	4 " "	" 1 50
" " " " "	8 " "	" 1 75

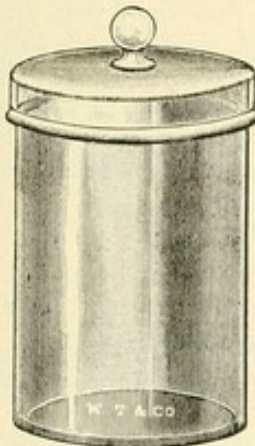
<b>3077 Salt Mouth Bottles.</b> Glass stoppered, round	1 ounce	per dozen, \$1 40
" " " " "	2 " "	" 1 50
" " " " "	4 " "	" 1 75
" " " " "	8 " "	" 2 25

All Instruments designated with a \* are illustrated.

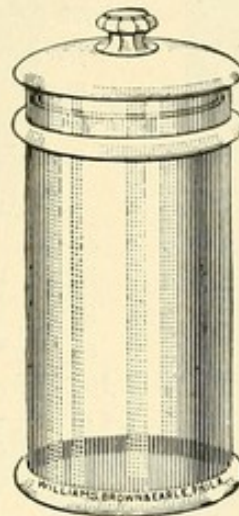


## GLASSWARE.

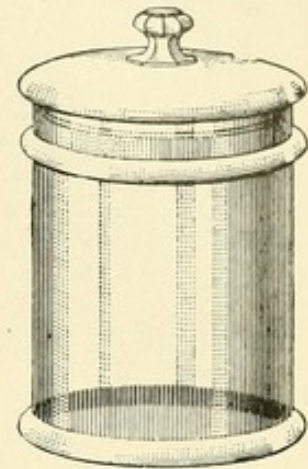
## SPECIMEN OR DRESSING JARS.



3077a



3077b



3077c

**3077A\* Heavy Glass, Well Made, Fine Quality.**

Outside Diameter, 4	inches, height without lid, 4	inches	each, \$0 55
"	" 6	" " 6	" 1 10
"	" 5 1/8	" " 10 1/4	" 1 10
"	" 5 3/4	" " 12 1/2	" 1 20

**3077B\* Tall Form, Ordinary Glass, Lids not Ground.**

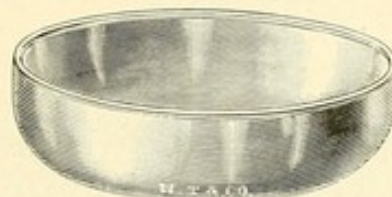
Dimensions, 3 7/8 x 8 inches, capacity, 1 quart	each, \$ 40
" 4 x 8 1/2 " " 1/2 gallon	" 45
" 4 3/4 x 9 1/2 inches, capacity, 3/4 gallon	" 50
" 5 1/4 x 10 1/2 " " 1 "	" 60

**3077C\* Low Form, Ordinary Glass, Lids not Ground.**

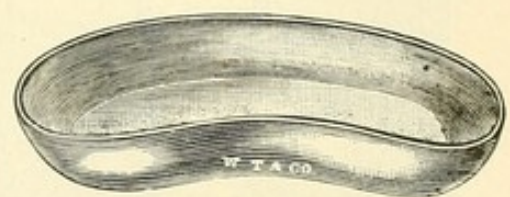
Dimensions, 4 1/4 x 5 1/2 inches, capacity, 1 quart	each, \$ 40
" 4 3/4 x 7 " " 1/2 gallon	" 45
" 5 x 7 1/4 " " 3/4 "	" 50
" 5 3/4 x 7 3/4 " " 1 "	" 60



3078



3079



3079a

3078* Cylinder Jars, Stoppered, 4 x 4 inches	each, \$0 90
3078A* " " " 5 x 5 "	" 1 25

**3079\* Immersion Bowls, for sterile and antiseptic solutions, ground edges, round bottom, 12 inches diameter, made in three colors to readily distinguish the different antiseptics.**

Clear Flint Glass	" 3 50
Amber Glass	" 3 75
Blue Glass	" 3 75

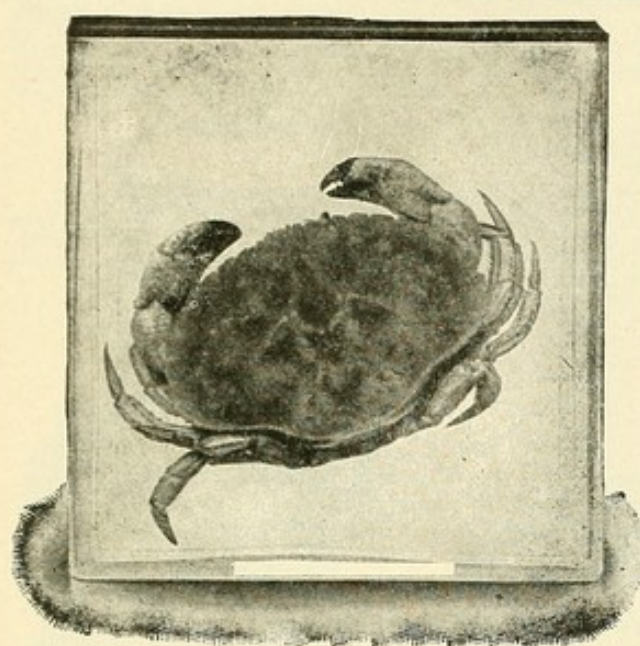
3079A* Glass Pus Basin, 8 inch, 50 cts.; 10 inch, \$0 80; 12 inch	" 1 10
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All Instruments designated with a \* are illustrated.



## GLASSWARE.

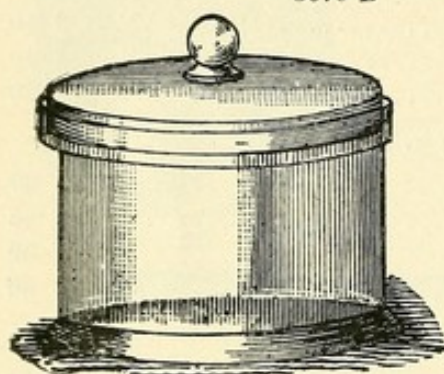
## SPECIMEN JARS.



3079 B

**3079 B\* New Square Glass Box Jar** for permanent mounting and exhibition of specimens. The feature of this jar is the polished flat ground side which affords an excellent view of the contained object.

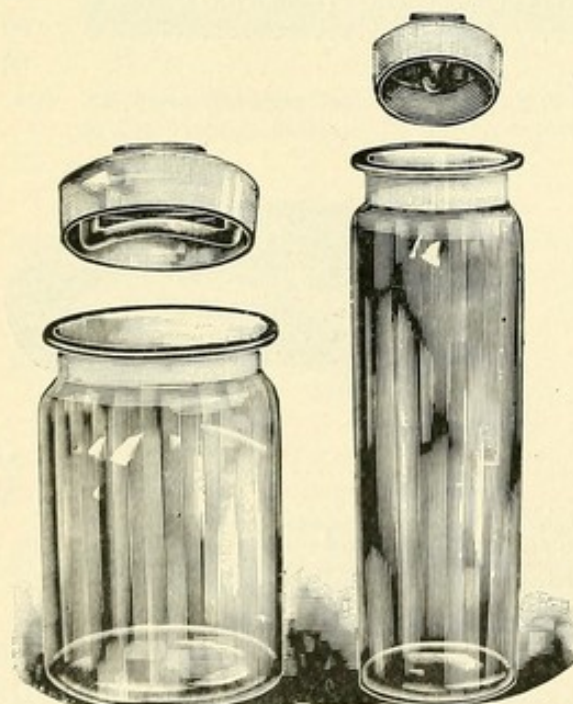
TALL FORM. Each	TALL FORM—Con't'd. Each
4 x 2 x 1 in. \$ 65	30 x 4 x 5 in. \$6 50
5 x 2 x 1 " 75	32 x 6 x 5 " 9 00
8 x 2 x 1 1/4 " 1 25	38 x 5 x 5 " 9 00
8 3/4 x 3 1/4 x 1 1/2 " 1 75	
10 1/4 x 2 1/2 x 1 3/8 " 2 00	
11 7/8 x 2 7/8 x 2 " 2 10	
14 x 6 x 4 " 5 50	
15 x 4 3/4 x 1 7/8 " 3 75	
20 x 2 x 2 " 4 00	
20 x 4 x 5 " 5 50	
30 x 3 x 3 " 5 00	
	<b>FLAT FORM.</b>
	5 1/4 x 4 x 1 1/4 in. 1 45
	6 x 6 x 1 " 1 60
	6 x 6 x 2 " 2 50
	11 x 8 x 3 " 4 50
	15 x 8 x 4 " 5 50
	18 x 8 x 5 " 6 50



3079 C

**3079 C\* Anatomical Jars** made of very strong colorless glass, with overlapping cover fitting in groove. This groove is to be half filled with glycerine or paraffine oil, which, when the cover is on, forms an absolutely hermetical lock, made in the following sizes:

Each	Each
6 x 6 in. \$3 00	10 x 6 in. \$4 50
8 x 4 " 3 00	12 x 6 " 6 00
6 x 8 " 3 60	12 x 8 " 6 75
10 x 4 " 4 00	14 x 8 " 9 50
6 x 12 " 4 20	



3079 D

**3079 D\* Specimen Jars.** The stoppers are provided with hooks, or bars, on which to suspend the specimens. The sizes are measured as follows: Height—from bottom to shoulder; width—diameter at bottom.

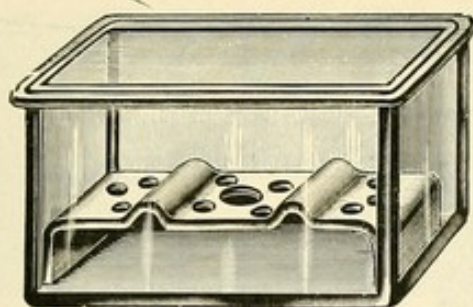
Height	Width	Per Doz
4 x 2 in.		\$ 4 00
4 x 4 "		6 00
5 x 4 "		5 50
6 x 4 "		6 75
6 x 6 "		13 00
8 x 5 "		12 00
8 x 6 "		14 00
8 x 8 "		22 00
9 x 6 "		18 00
10 x 6 "		19 00
10 x 8 "		25 00
12 x 8 "		30 00
14 x 4 "		14 00

These jars are furnished in various other sizes in not less than 1 dozen quantities.

All instruments designated with a \* are illustrated.

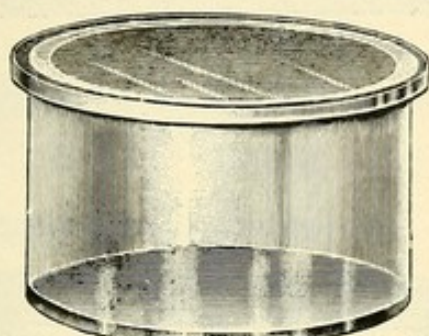


## HOSPITAL GLASSWARE.



W. C. 2479.

Soap and Brush Box, Crystal Glass, Perforated  
bridge. Size,  
3½ x 6¼ x 3¼.....\$2 50



W. C. 2495.

Glass Box, with Ground on Plate Glass Cover.  
Diameter in inches.

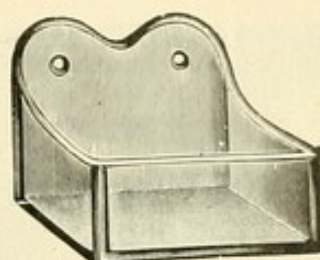
1½ inch.....	\$0 25
2½ ".....	40
3½ ".....	50
4 ".....	70



W. C. 2503.

Glass Box, with Ground on Knobbed Cover.

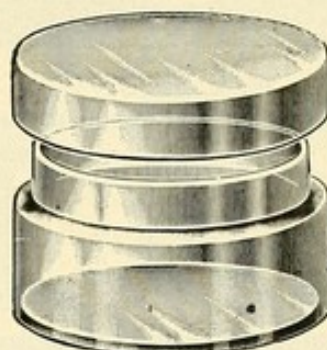
Diameter.	Height.	
2 inch x 1½ inch.....		\$0 25
2½ " x 1½ ".....		35
3½ " x 1½ ".....		40



W. C. 2487.

Open Glass Brush.

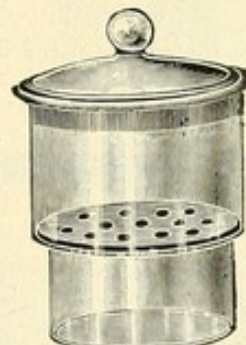
Box.....\$1 25



W. C. 2511.

Glass Box, with Loose Cover.

Diameter.	Height.	
2½ inch. x 1½ inch.....		\$0 25
2½ " x 1½ ".....		30
3½ " x 1½ ".....		40
4½ " x 2 ".....		50



W. C. 2519.

Sponge Jar, Glass, with Loose Perforated  
Glass Plate.....\$2 50



W. C. 2527.

Catheter Tray, Glass, with Polished Edges.

Length, 16 inches; width, 3 inches; Height, 2 inches.....\$4 25



W. C. 2535.

Each.....\$0 10 Per dozen.....\$0 75

Floating Labels, in Air-Tight Glass Tube.

CARBOLIC SOLUTION:

Mercuric Chloride, 1-2000.

Mercuric Chloride, 1-500

Oxalic,

Formaldehyde,

Saline Solution,

Boric,

Sterilized Water,

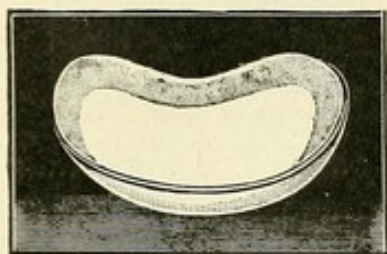
Sterilized Solution,

Lysol.



## ENAMELED WARE.

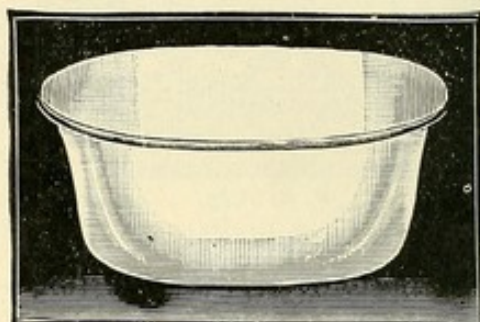
Enameled steel ware is made in many grades. The cheaper are very unsatisfactory, as the enamel is poorly burnt and will chip, while the best, as quoted, are beautiful and highly satisfactory articles, as well as very durable.



W. C. 2583.

Seamless Pus or Dressing Basins.

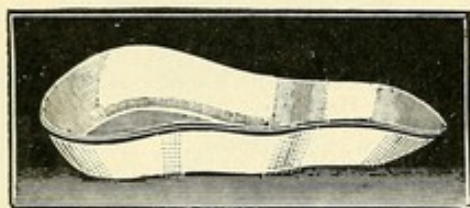
6 in.,	each	\$0.30	; per doz.,	\$3.00
7 "	"	.35	;	3.50
8 "	"	.40	;	4.00
10 "	"	.50	;	5.00
12 "	"	.60	;	6.00



W. C. 2591.

Seamless Deep Solution Basins.

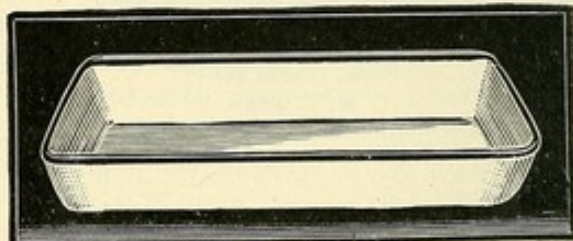
11 3/4 in.,	\$0.70
12 1/2 "	0.85
13 1/2 "	0.95
14 1/4 "	1.05



W. C. 2599.

Seamless Basin, Smith's Pattern.

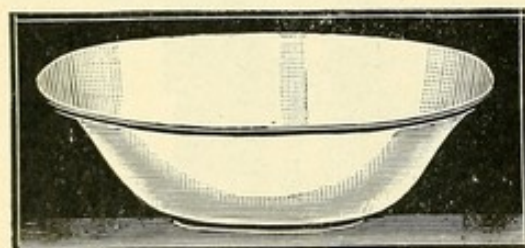
8 x 12 in., \$0.60



W. C. 2607.

Seamless Instrument Trays.

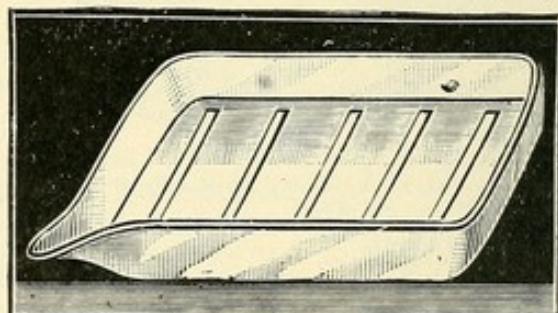
9 x 5 1/2 x 2,	\$0.55	14 x 9 x 3,	\$1.10
11 x 6 1/2 x 2 1/4,	.85	16 x 9 x 3,	1.30
12 1/2 x 8 x 2 1/2,	.95	17 x 10 x 3,	1.50



W. C. 2615.

Seamless Solution Basins.

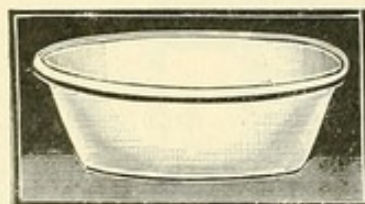
12 1/2 in.,	\$0.50
13 1/2 "	.65
14 1/2 "	.70



W. C. 2623.

Seamless Lipped Surgical Trays,  
ridged bottom.

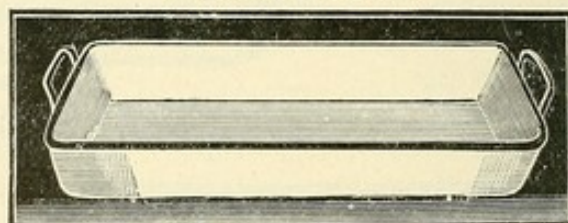
15 x 9 x 2 in., \$1.00



W. C. 2631.

Seamless Flaring Solution Basins.

7 1/4 x 3 in.,	\$0.30
8 x 3 "	.35



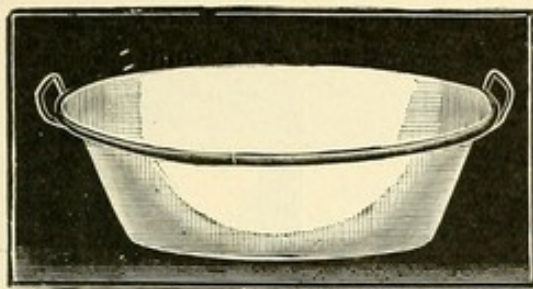
W. C. 2639.

Seamless Instrument Trays, with handles.

10 1/4 x 6 1/4 x 2 1/4 in.,	\$0.65
13 1/2 x 8 1/4 x 2 3/4 "	1.05
16 1/2 x 9 1/2 x 2 3/4 "	1.50

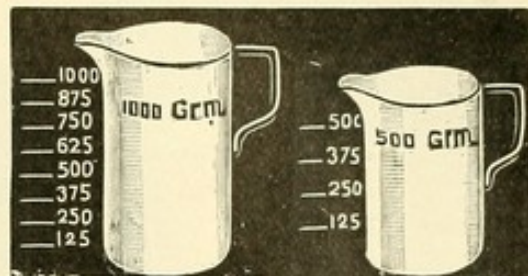


## ENAMELED WARE.



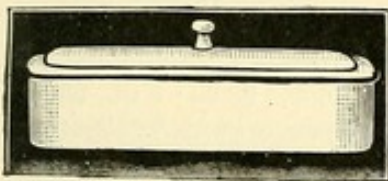
W. C. 2647.

Seamless Oval Dressing Basins,  
with handles.  
14½ inches, \$0.95; 16½ inches, \$1.40



W. C. 2711.

Seamless Graduated Gramme Measures.  
100 grammes, \$0.50; 250 grammes, \$0.55  
500 " .75; 1000 " .95



W. C. 2655.

Seamless Brush or Instru-  
ment Holders, with cover.  
8½ x 3½ in., \$0.90



W. C. 2671.

Seamless Convex Solu-  
tion Basins.  
6¼ in., \$0.40; 8 in., \$0.65



W. C. 2687.

Seamless Feeding Cups.  
4-inch.  
Each, \$0.50; per doz., \$5.10



W. C. 2703.

Seamless Needle Box.  
3½ x 2 in., \$0.35



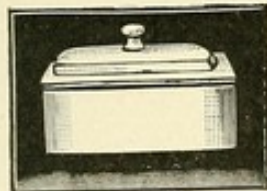
W. C. 2695.

Seamless Spit Cups.  
3 x 4 in., \$0.60



W. C. 2819.

Seamless Spit Cup,  
Funnel shape cover, \$0.55



W. C. 2663.

Seamless Soap Dish,  
with cover. 4½ x 3, \$0.65



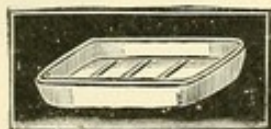
W. C. 2679.

Seamless Cuspidor.  
8 in., \$0.80



W. C. 2735.

Seamless Funnels.  
1 pt., \$0.50; 1 qt., \$0.65

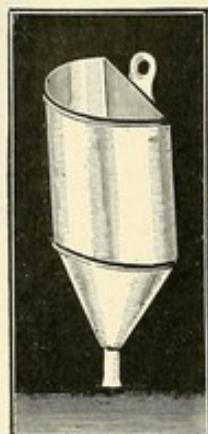
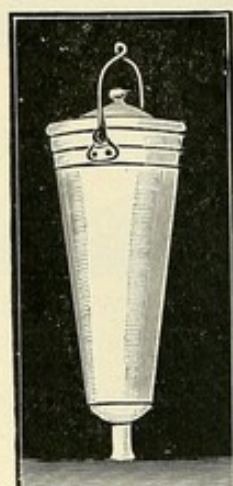
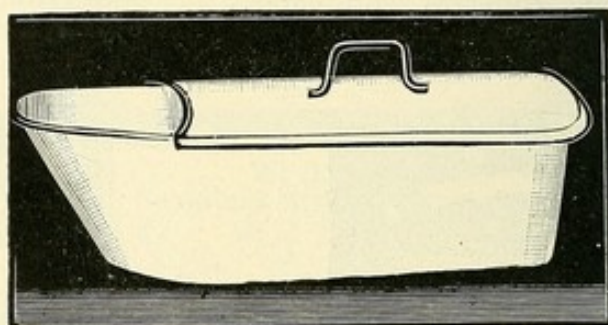


W. C. 2727.

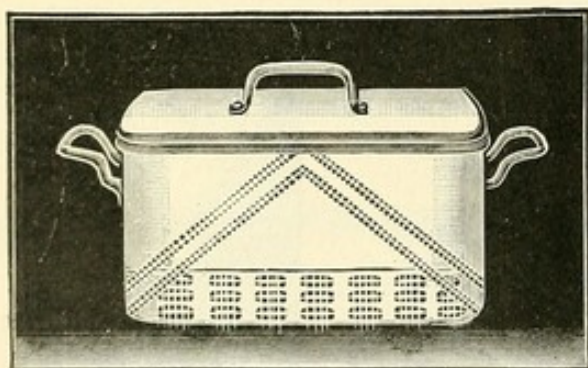
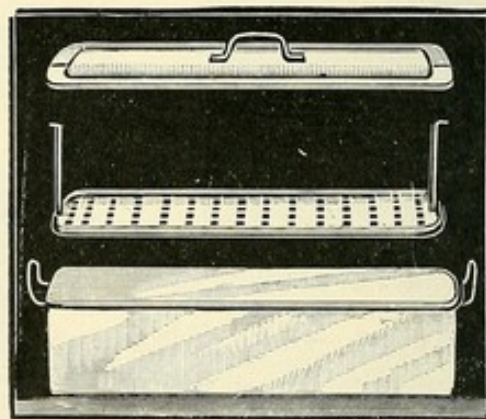
Seamless Soap Dish.  
\$0.20



## ENAMELED WARE.

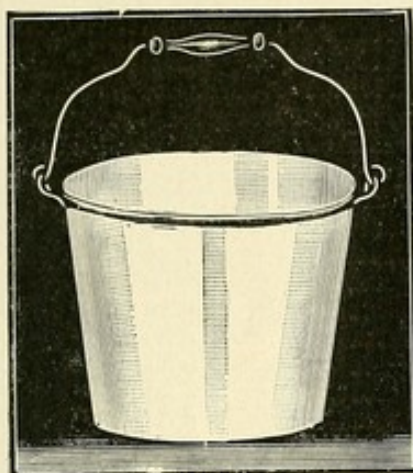
**W. C. 2743.****Irrigators, half round.**1 qt., \$0.55; 2 qt., \$0.70  
3 qt., .80; 4 qt., .90**W. C. 2751.****Irrigators, funnel shaped.**2 qt., \$1.00; 3 qt., \$1.20  
4 qt., \$1.35**W. C. 2759.****Irrigators, round for stands.**6 qt., \$2.90; 8 qt., \$3.50  
12 qt., \$4.10**W. C. 2767.****Seamless Solution Pitchers.**2 qt., \$0.80; 3 qt., \$1.05  
4 qt., 1.35; 5 qt., 1.70**W. C. 2775.****Arm Bath Tub, with cover.**

\$6.50

**W. C. 2783.****Instrument Sterilizing Boilers.** $9\frac{1}{2} \times 7\frac{1}{2} \times 6$ , \$2.15  
 $11 \times 7\frac{1}{2} \times 7$ , 2.75**W. C. 2791.****Seamless Sterilizing Apparatus,**  
with enameled cover and drainer.16 in., \$2.75; 18 in., \$3.25  
20 in., \$3.85

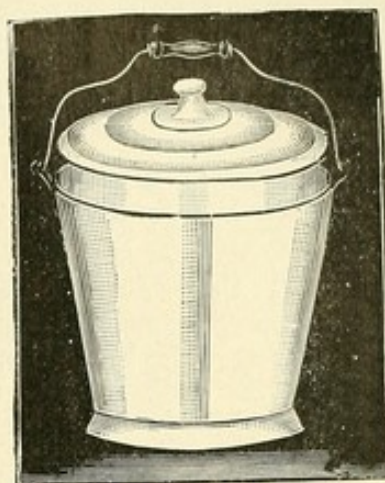


# ENAMELED WARE.



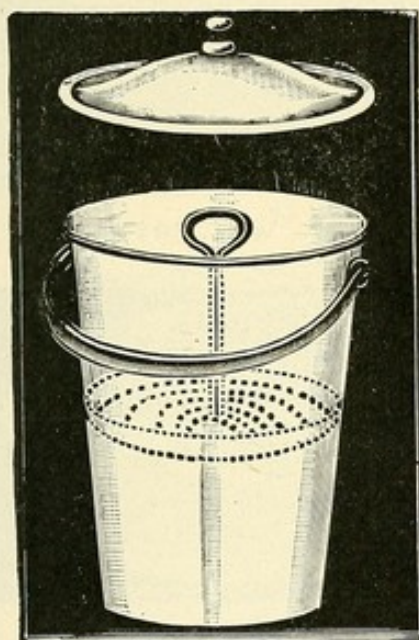
W. C. 2799.

**Seamless Water Pail.**  
10-qt., \$1.20; 12-qt., \$1.45



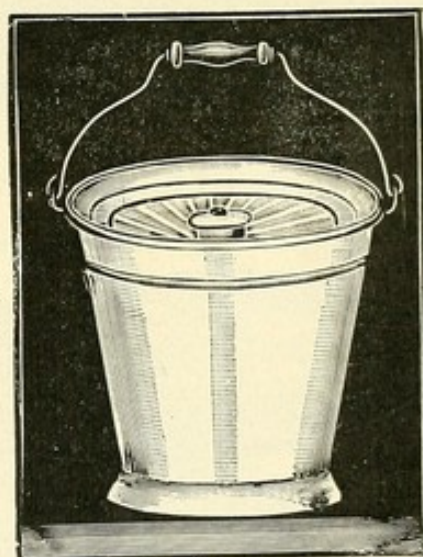
W. C. 2807.

**Seamless Chamber Pail, with cover**  
10-qt., \$2.25; 12-qt., \$2.40



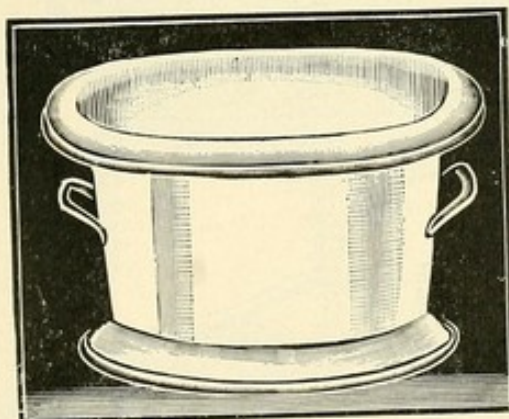
W. C. 2815.

**Dressing Bucket, with removable  
inside drainer, \$7.00**



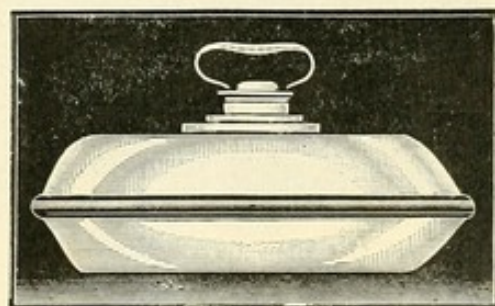
W. C. 2823.

**Seamless Toilet Pails, with foot.**  
10-qt., \$1.80; 12-qt., \$2.25



W. C. 2831.

**Seamless Oval Foot Bath Tub.**  
17 3/4 in., \$4.50



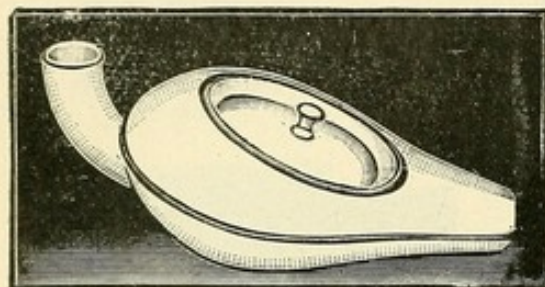
W. C. 2839.

**Enameled Oval Hot Water Flask.**  
\$2.00

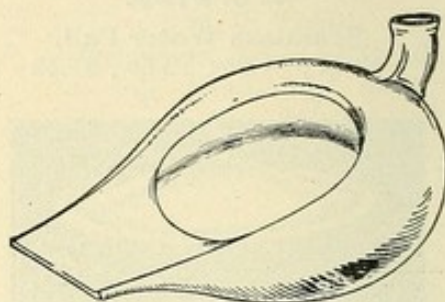


## DOUCHE AND BED PANS.

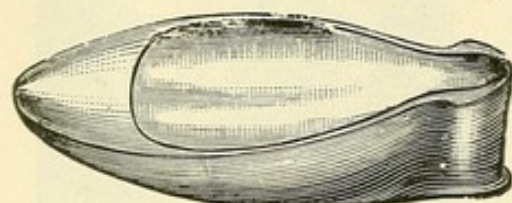
W. C. 2895*	Bed Pan, white enameled	per doz., \$15.00 ; each, \$1.75
W. C. 2903.	" " gray	" 13.50 ; " 1.50
W. C. 2911*	" " porcelain, regular	" 7.50 ; " .75
W. C. 2919*	" " Eureka	" 8.00 ; " .85
W. C. 2927.	Bed and Douche Pan, perfection porcelain	2.50
W. C. 2929.	" " " " small	2.00
W. C. 2935.	" " " " white enameled	4.50
W. C. 2929.	" " " " grey	3.75
W. C. 2943*	Douche Pan, white enameled	per doz., 13.50 ; each, 1.50
W. C. 2951.	" " " " grey	" 12.00 ; " 1.35
W. C. 2959*	" " " " zinc, seamless	" 7.00 ; " .80
W. C. 2967*	Urinal, white enameled, male	" 12.00 ; " 1.25
W. C. 2975.	" " " " female	" 13.50 ; " 1.50
W. C. 2983.	" " glass graduated, male	" 6.50 ; " .60
W. C. 2985*	" " " " female	" 7.20 ; " .70
W. C. 2991.	" " " " plain, male	" 4.80 ; " .50
W. C. 2993.	" " " " female	" 6.00 ; " .60
W. C. 2999*	" " " " porcelain, male	" 6.00 ; " .60
W. C. 3001.	" " " " female	" 6.50 ; " .75



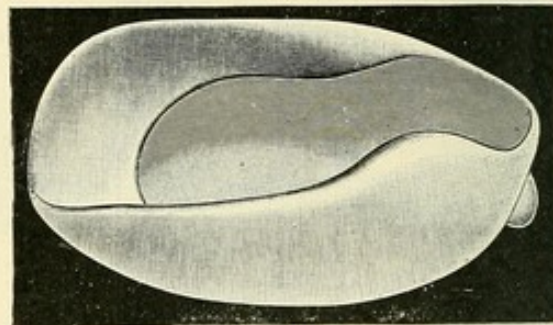
W. C. 2895.



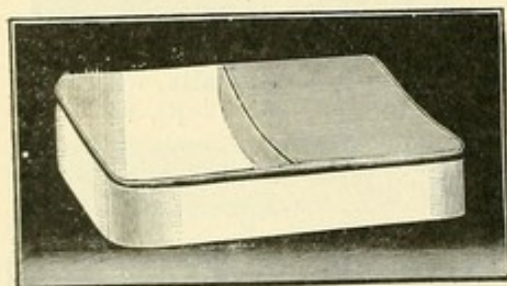
W. C. 2911.



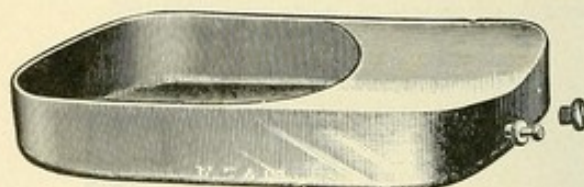
W. C. 2919.



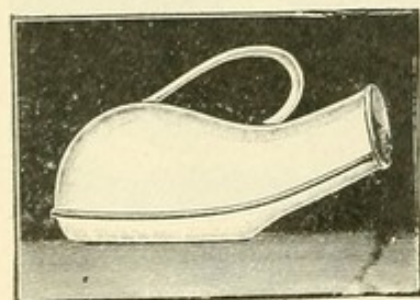
W. C. 2927-37.



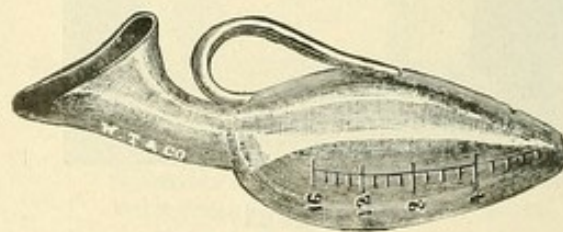
W. C. 2943.



W. C. 2959.



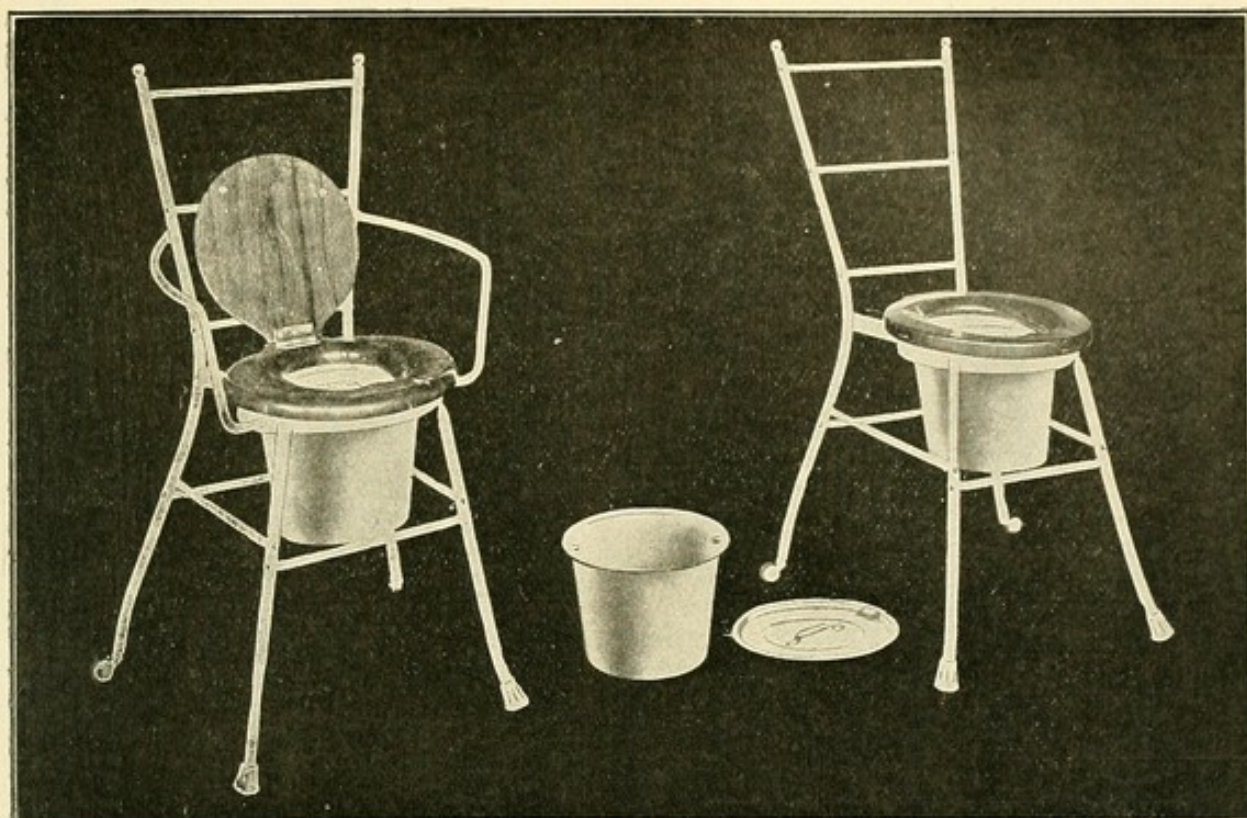
W. C. 2967.



W. C. 2985.



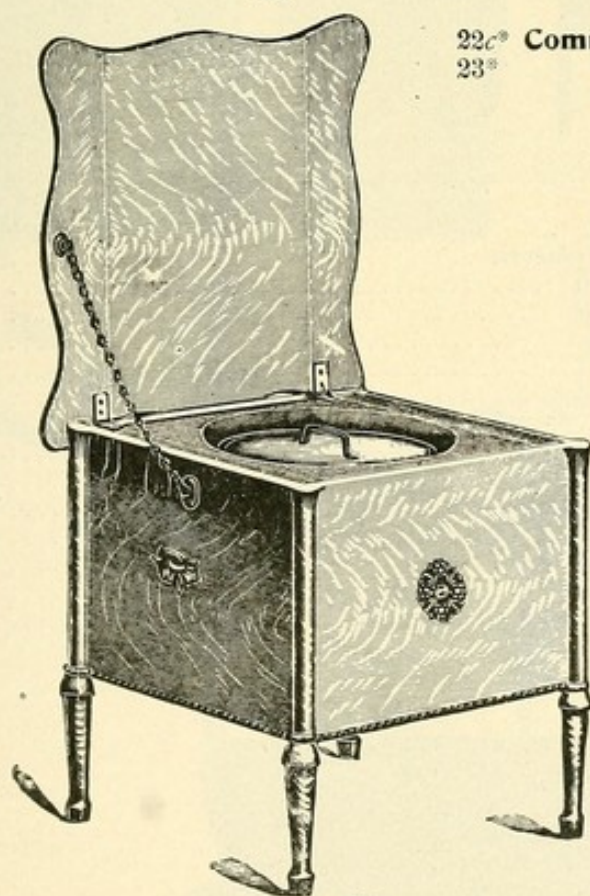
## COMMODOES.



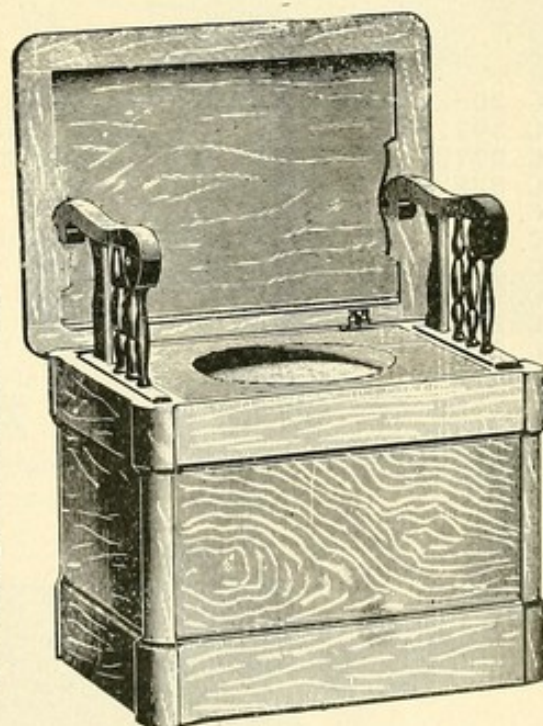
23

22c

- 22c\* **Commode Chair, Navy Hospital Pattern.** . . . \$9 50  
 23\* " " **Improved Navy Hospital**  
**Pattern with arm rest and covered seat.** . 15 00



25

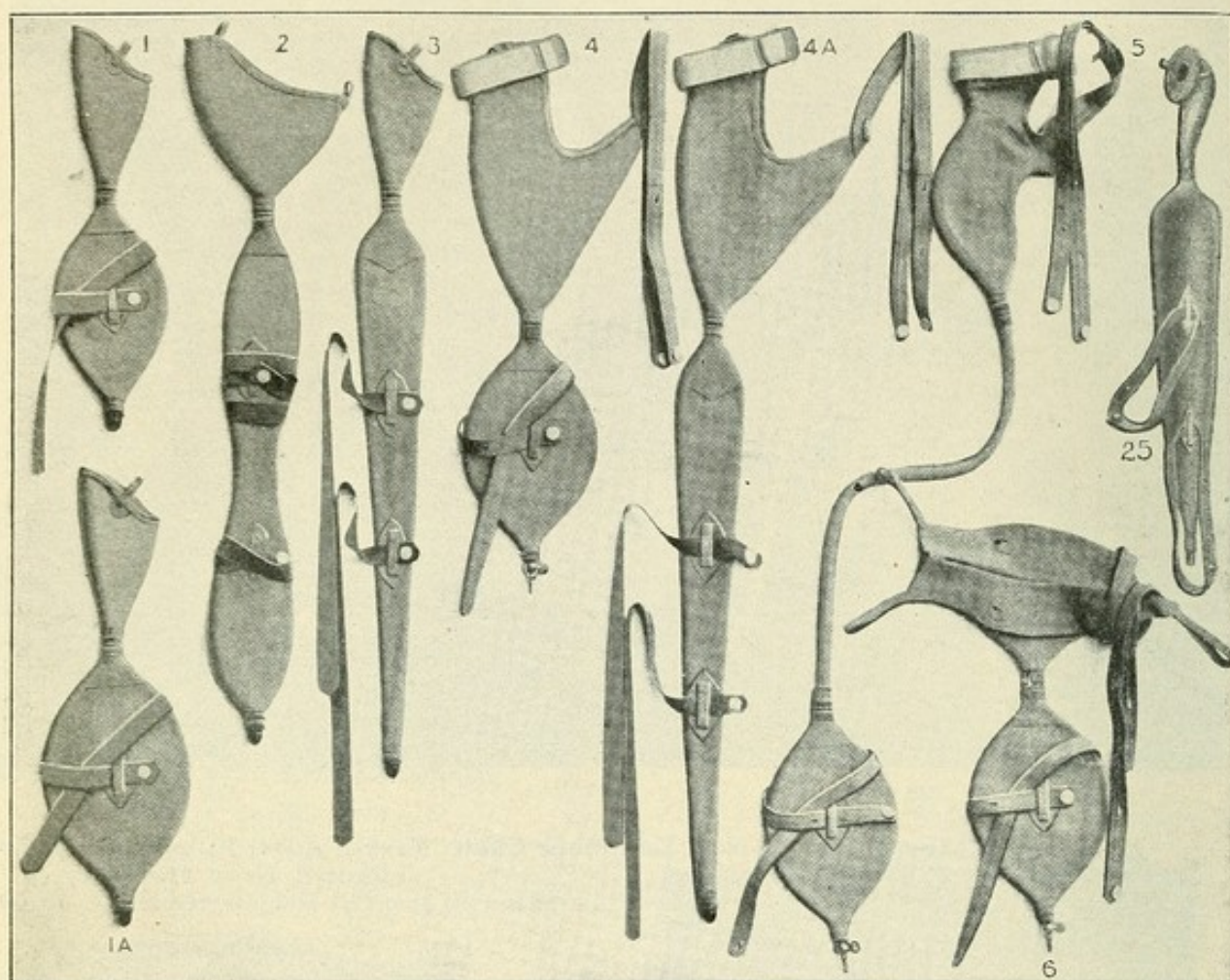


24

- 24\* **Commode, Wooden U26, with Sanitary Agate Pan with bail; arms work auto-**  
**matically** . . . . . \$10 00  
 25\* **Commode, Wooden U50, with Sanitary Agate Pan with bail** . . . . . 7 50  
 26 **Rubber Commode Seats. Can be filled with hot water or inflated with air. Size of**  
**opening, 9 x 11 inches.** . . . . . 2 50

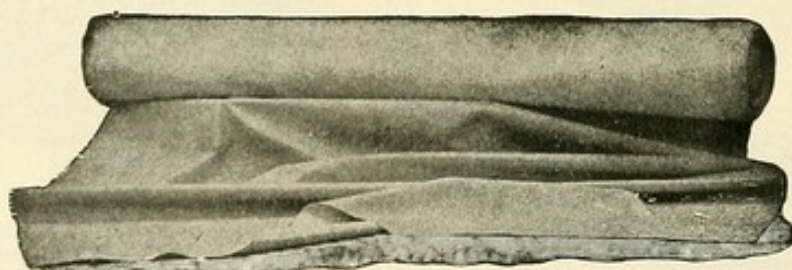


## URINALS—SOFT RUBBER.



		To Patients.	To Physicians.
W. C. 3063*	Fig. 1, Male, day use, regular pattern.....	\$1.75	\$1.15
W. C. 3071	" 11, " " " for child.....	1.40	1.00
W. C. 3079*	" 1A, " " " large size.....	<b>2.00</b>	1.25
W. C. 3087*	" 2, Female " ".....	2.25	1.50
W. C. 3095*	" 3, Male, " ".....	1.90	1.25
W. C. 3103	" 13, " " " for child.....	1.90	1.25
W. C. 3111*	" 4, " " ".....	3.50	2.00
W. C. 3119*	" 4A, " " ".....	<b>3.75</b>	2.15
W. C. 3127*	" 5, Male, day and night use.....	<b>4.00</b>	2.75
W. C. 3135	" 15, " " " " for child.....	3.50	2.15
W. C. 3143*	" 25, Wochoer's Special Male, day and night.....	3.00	2.00
W. C. 3151*	" 6, Female, day use.....	3.00	2.00
W. C. 3159	" 16, " " " for child.....	3.00	2.00
W. C. 3167	" 6A, " " " and night, with inflated rim.....	4.50	3.00

The most popular are quoted in bold type.



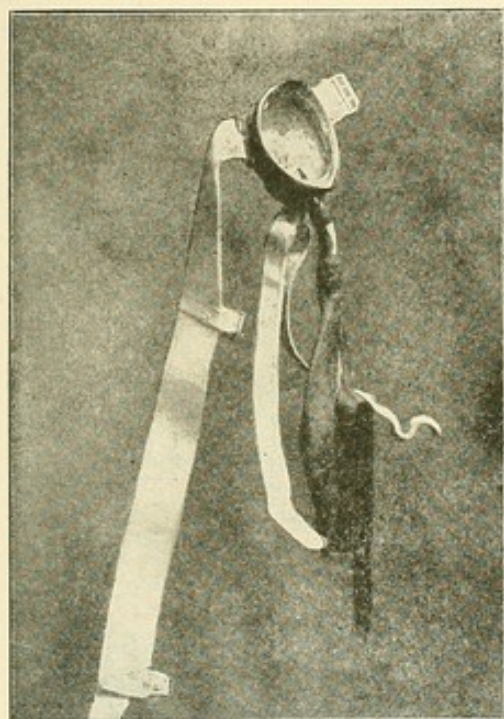
W. C. 3175 Rubber Sheetting, white, best quality.

$\frac{3}{4}$  yard wide, per yard, \$0.50. 1 yard wide, per yard, \$0.75.  $1\frac{1}{4}$  yard wide, per yard, \$1.00.

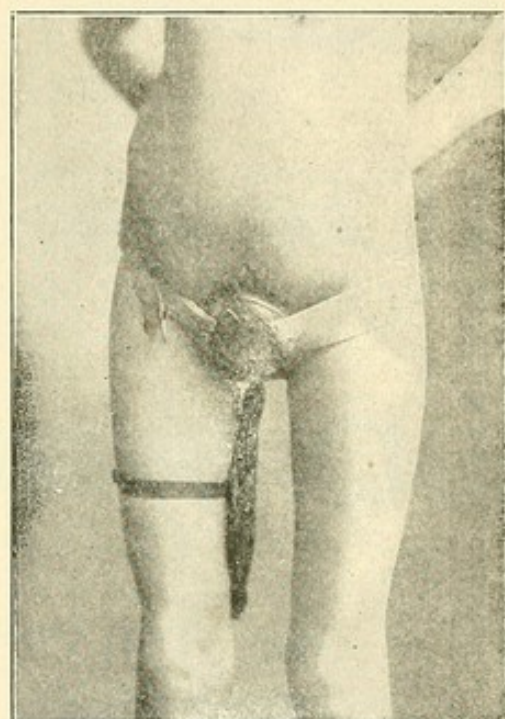


## URINALS AND DOILIES.

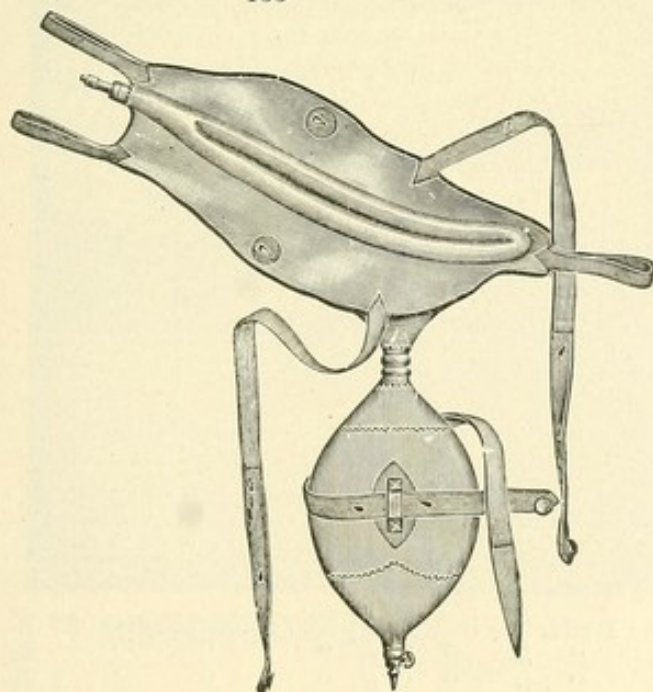
- 133\* **Apparatus for Extrophy,**  
 133a\* **Urinal for Female**, soft rubber, for day and night use, latest pattern, with inflatable rim fitting the parts closely. The only article made that meets the requirements for a night urinal for females.....\$3 00  
 133b **Bulb**, for inflating the urinal rim..... 35  
 133c **Urinal**, pure gum, with stop cock, for travelers, "The Pullman"..... 1 50  
 133d **Doily Belts** (menstrual), plain..... 70  
 133e **Menstrual Absorbent Pads**, worn with above. These bandages are absorbent and soft and are also worn after confinement as a protective support, per dozen..... 75  
 133f\* **Diana Girdle** (menstrual bandage), price..... 2 50  
 133g **Antiseptic Pads**, for above, per dozen..... 1 00



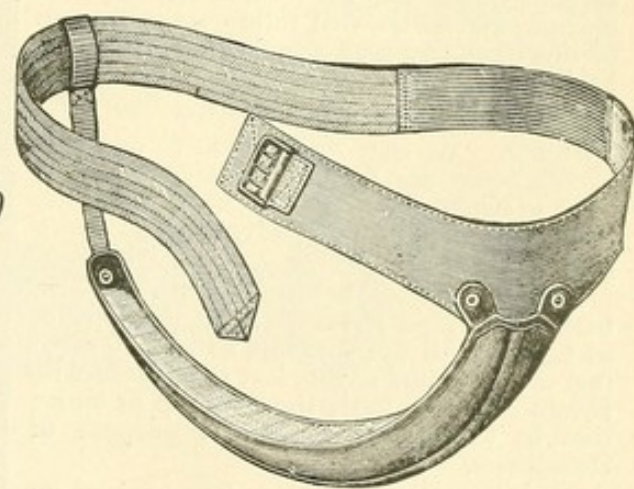
133



133



133a No. 6a



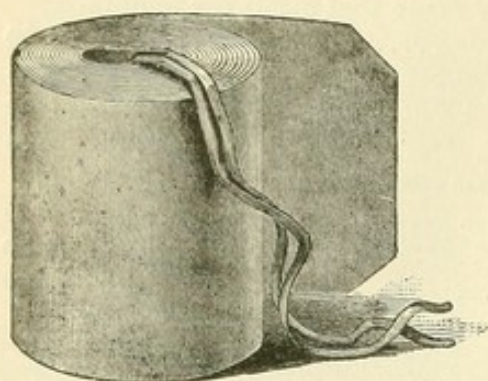
133f

FOR BED AND DOUCHE PANS SEE INDEX.

All instruments designated with a \* are illustrated.



## RUBBER BANDAGES.



FOR THE TREATMENT OF VARICOSE  
VEINS, SWELLINGS, AND DIS-  
EASES OF THE SKIN.

MADE OF PURE GUM, ALL WITH TAPES.

PRICES RANGE ACCORDING TO GAUGE OF RUBBER.

						Light.	Medium.
150	1 1/2	inches wide by	6	feet long	.....	net, \$0 25	\$....
151	2	"	"	6	"	" 35	40
152	2	"	"	9	"	" ....	65
153	2	"	"	12	"	" 60	75
154	2 1/2	"	"	9	"	" ....	60
155	2 1/2	"	"	12	"	" 70	85
156	2 1/2	"	"	15	"	" 85	1 10
157	3	"	"	9	"	" ....	85
158	3	"	"	12	"	" 85	1 00
159	3	"	"	15	"	" 1 10	1 25
160	3	"	"	18	"	" ....	1 50
161	Extra heavy, 2 1/2 inches wide by 10 1/2 feet long				.....	" 1 50	....

## 165\* THE POROUS ELASTIC BANDAGE.

ITS VARIOUS MERITS ARE:

First. Its porosity. A feature never presented in any other bandage.

Second. Its elasticity, which enables the surgeon or nurse to put it on at any required tension, and which will follow a swelling up or down, as the case may be—a feature unknown in any other bandage.

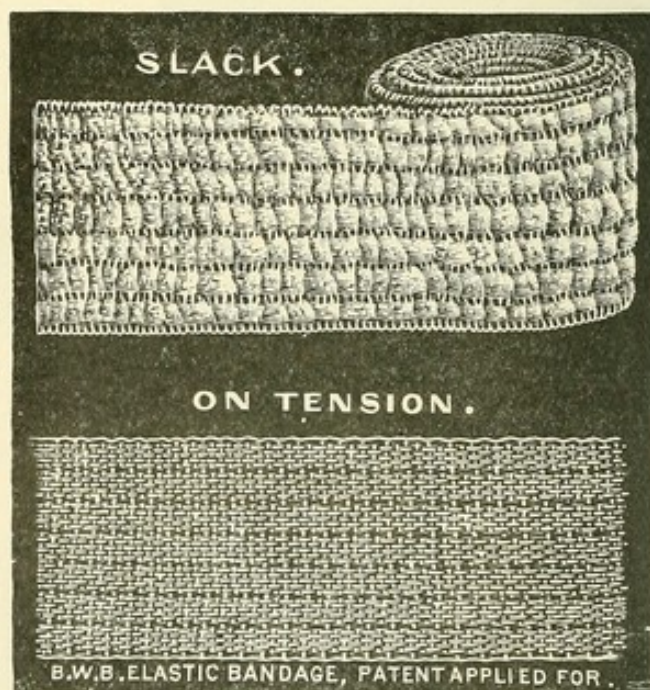
Third. Its absorbent properties.

Fourth. Its easy application to any part of the body, not being necessary to fold it over as with other bandages, as it follows itself with equal uniformity around every part of the anatomy.

Fifth. Its self-holding qualities. No bother with pins, needle and thread or string, so tiresome to the surgeon, as simply tucking the end under the last fold insures its permanent stay until the surgeon or nurse sees fit to remove it for the purpose of cleanliness.

We respectfully invite a fair trial of its many merits.

Rolls, 2	ins.	by 3	yds.	on tension, net, \$0 30
" 2 1/2	"	" 3	"	" 40
" 3	"	" 3	"	" 55
" 2	"	" 5	"	" 60

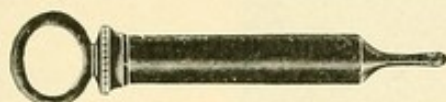


Rolls, 2 1/2	ins.	by 5	yds.	on tension, net, \$0 70
" 3	"	" 5	"	" 85
" 3	"	" 8	"	" 1 30

All instruments designated with a \* are illustrated.



# HARD RUBBER SYRINGES.



W. C. 3263. Male Urethral Syringe.  
 $\frac{1}{8}$  oz., \$0.25;  $\frac{1}{4}$  oz., \$0.35;  $\frac{1}{2}$  oz., \$0.50



W. C. 3319. Dental Syringe.  
 $\frac{3}{16}$  oz., \$0.55;  $\frac{1}{4}$  oz., \$0.60



W. C. 3271. Male Urethral Syringe.  
 $\frac{1}{8}$  oz., \$0.25;  $\frac{1}{4}$  oz., \$0.35;  $\frac{1}{2}$  oz., \$0.50



W. C. 3327. Ear Syringe.  
 $\frac{1}{2}$  oz., \$0.70; 1 oz., \$0.80; 2 oz., \$0.90; 4 oz., \$1.15



W. C. 3279. Quitter Syringe.  
 $\frac{1}{2}$  oz., \$0.75



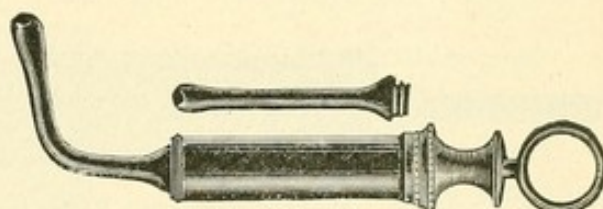
W. C. 3335. Soft Rubber Tip Syringe.  
 $\frac{1}{8}$  oz., \$0.25;  $\frac{1}{4}$  oz., \$0.35



W. C. 3287. Uterine Syringe.  $\frac{1}{2}$  oz., \$0.75; 1 oz., \$0.90; 2 oz., \$1.00.



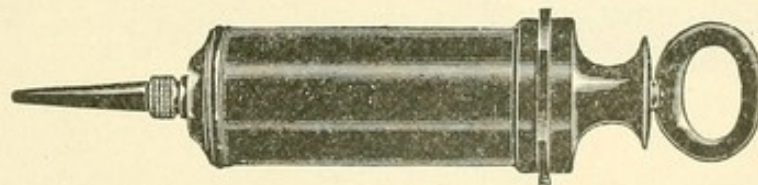
W. C. 3295. Vaginal Syringe.  
 1 oz., \$0.40; 2 oz., \$0.55



W. C. 3343.  
 Glycerine Syringe.  
 $\frac{1}{2}$  oz., \$0.75



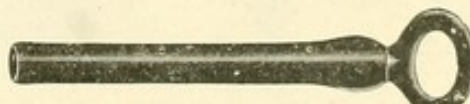
W. C. 3303. Catarrh Syringe.  $\frac{1}{2}$  oz., \$0.75



W. C. 3311. Ultzman Syringe. 2 oz., \$1.35; 5 oz., \$2.10.



W. C. 3351. Ring Handle Suppositor.  
 Small, \$0.40; large, \$0.45



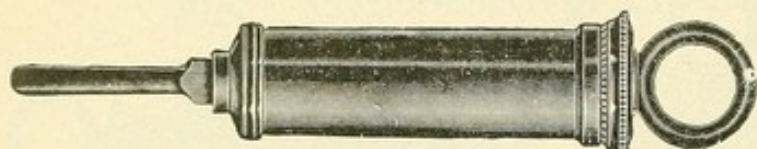
W. C. 3359. Plain Suppositor.  
 \$0.40



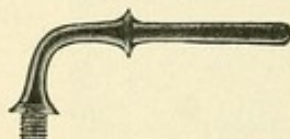
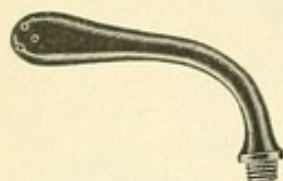
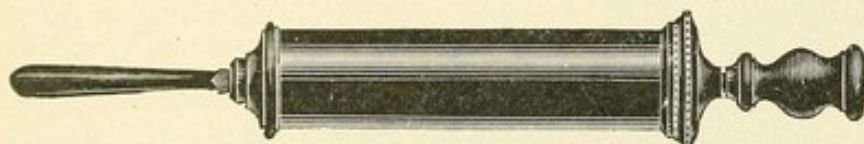
## HARD RUBBER SYRINGES.

**W. C. 3367. Physician's Companion Syringe.**

2 oz., with straight and bent Rectal, Uterine, Post-Nasal, Ear and Catheter Pipe in a neat box, \$2.75

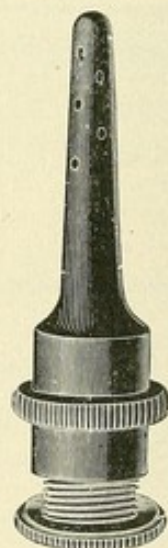
**W. C. 3375. Rectal Syringe Ring Handle.**

1 oz., \$0.60; 2 oz., \$0.75; 3 oz., \$0.85.

**W. C. 3383. Rectal Syringe,**

With Straight Rectal, Bent Rectal, and Vaginal Nozzle.

3 oz., \$1.30; 4 oz., \$1.50; 6 oz., \$1.75.

**W. C. 3391.**

Seeley's Pile Pipe.

Each, \$0.40; per doz., \$3.50

**W. C. 3399.**

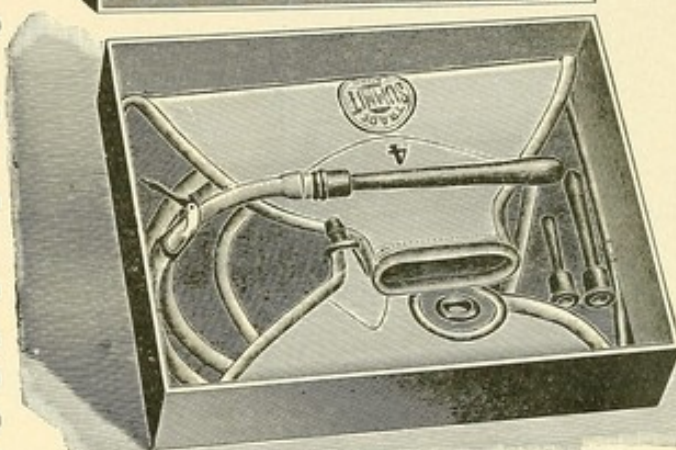
Williams' Urethral Ointment Applicator.

Same as above, with metal tube attached for applying ointment to the entire urethral canal, \$3 00.



## FOUNTAIN SYRINGES.

	Net Price.
31 <b>Standard</b> , in paper box, 3 pipes (like cut), 1 qt.....	\$0 50
32 <b>Standard</b> , in paper box, 3 pipes (like cut), 2 qts.....	65
33 <b>Standard</b> , in paper box, 3 pipes (like cut) 3 qts.....	75
34* <b>Standard</b> , in paper box, 3 pipes (like cut) 4 qts.....	1 90
35 <b>Standard</b> , in wood box, 5 pipes, 1 qt.....	1 10
36 <b>Standard</b> , in wood box, 5 pipes, 2 qts.....	1 20
37 <b>Standard</b> , in wood box, 5 pipes, 3 qts.....	1 30
38 <b>Standard</b> , in wood box, 5 pipes, 4 qts.....	1 40
39 <b>Household</b> No. 12, 1 qt.....	1 15
40 " " 13, 2 qts.....	1 30
41 " " 14, 3 qts.....	1 40
42 " " 15, 4 qts.....	1 55



34

## COMBINATION FOUNTAIN SYRINGE AND WATER BOTTLE.



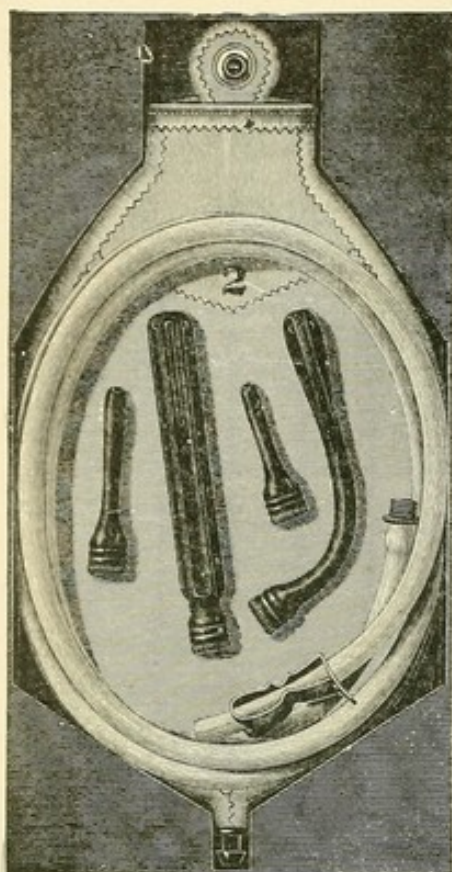
43 <b>Standard</b> , in paper box, 3 pipes, 1 qt..	\$0 90
44 <b>Standard</b> , in paper box, 3 pipes, 2 qts.	1 00
45 <b>Standard</b> , in paper box, 3 pipes, 3 qts.	1 10
46 <b>Standard</b> , in paper box, 3 pipes, 4 qts.	1 25
47* <b>Standard</b> , in box, 5 pipes, 1 qt..	1 25
48 <b>Standard</b> , in box, 5 pipes, 2 qts.	1 40
49 <b>Standard</b> , in box, 5 pipes, 3 qts.	1 55
50 <b>Standard</b> , in box, 5 pipes, 4 qts.	1 70
51 <b>Glass Fountain</b> Syringe, 1 qt.....	75

47

FOR OTHER FOUNTAIN SYRINGES SEE INDEX.

All instruments designated with a \* are illustrated.





52 A

## RUBBER GOODS.

52A\*

### RAPID FLOW FOUNTAIN SYRINGE.

With extra large tubing with large lumen, allowing large flow of water; of fine quality.

2-quart.....	\$1 00
3-quart.....	1 15
4-quart.....	1 25

### 53\* "KING" THERMOMETER FOUNTAIN SYRINGE.

INSURES DEFINITE TEMPERATURE IN DOUCHE AND ENEMA.

NO GUESS-WORK.

AVOIDS CHILLING OR SCALDING.

Price, Net.....\$2 00

### 53 A\* THE LADIES' PERFECT SYRINGE.

The "Perfect" Syringe is one of the best of its kind on the market, in that

It is fully controlled by the operator, who pushes the ring to secure expulsion, and pulls it to bring back the fluid into the bulb.

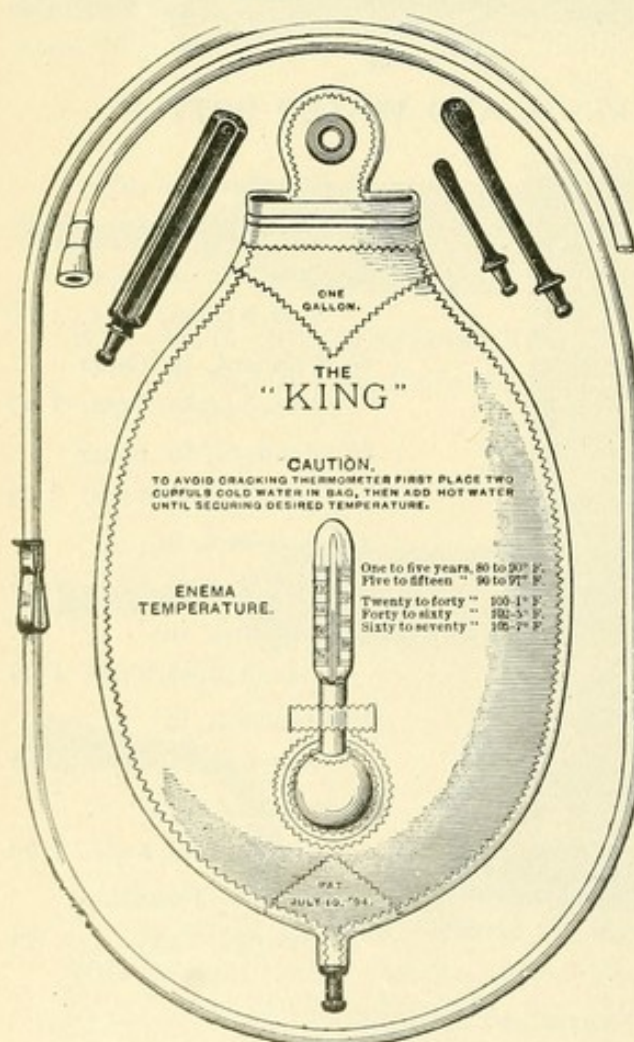
It thoroughly washes and medicates every part.

It has no tubes to get out of order.

It can be filled and carried about, ready for use.

Fitted with two nozzles, vaginal and rectal.

Price, Net, \$2 00



53

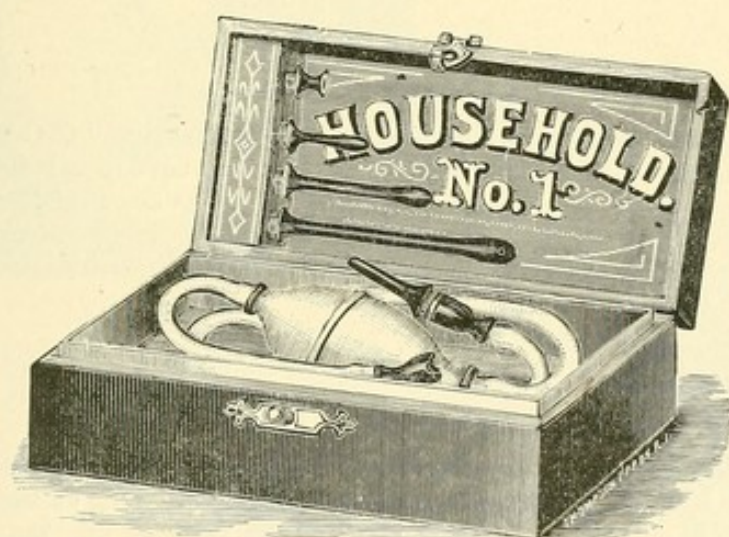


53 A

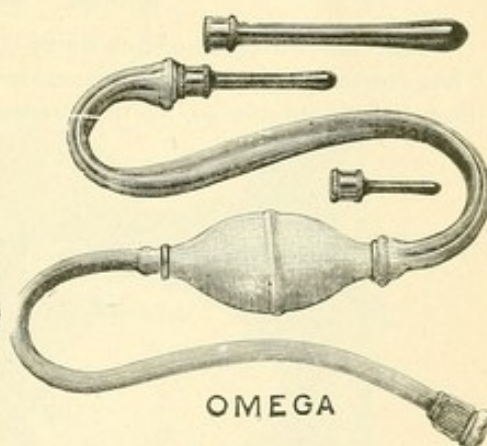


## RUBBER GOODS.

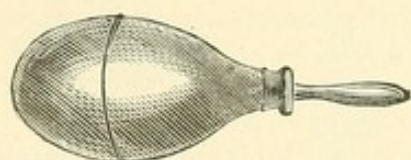
R 101*	Household No. 1	Net, \$1 20
R 102	Alpha, continuous flow "A"	1 85
R 103	" " " "E"	1 20
R 104	" " " "I"	1 00
R 105*	Omega, " " No. 3	75
R 109	" " " "4	60
R 110	" " " "5	40
R 111*	Standard, No. 1, 3 H. R. slip pipes	40
R 112	" " " "8, 3 " screw pipes and H. R. valve boxes	60
R 113*	Bag Syringe, 6 oz.	75
R 114	" " with cleanser, Fig. R 116, 6 oz.	1 15
R 115	Davidson No. 1	1 50
R 116*	Gem, ladies' vaginal cleanser, irrigating nozzle	40
R 117	Nozzles or pipes, vaginal glass, per dozen, \$ .75	Each, 10
R 118	" " rectal " " .65	" 10
R 119	" " vaginal H. R., with stop cock	" 75



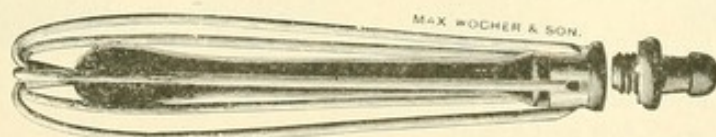
R 101



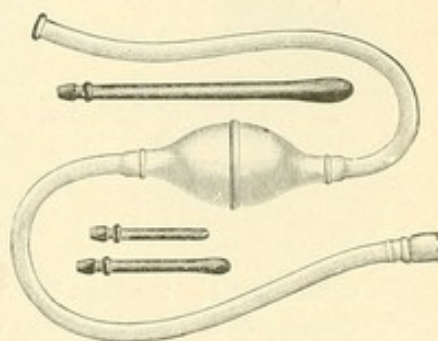
R 105



R 113



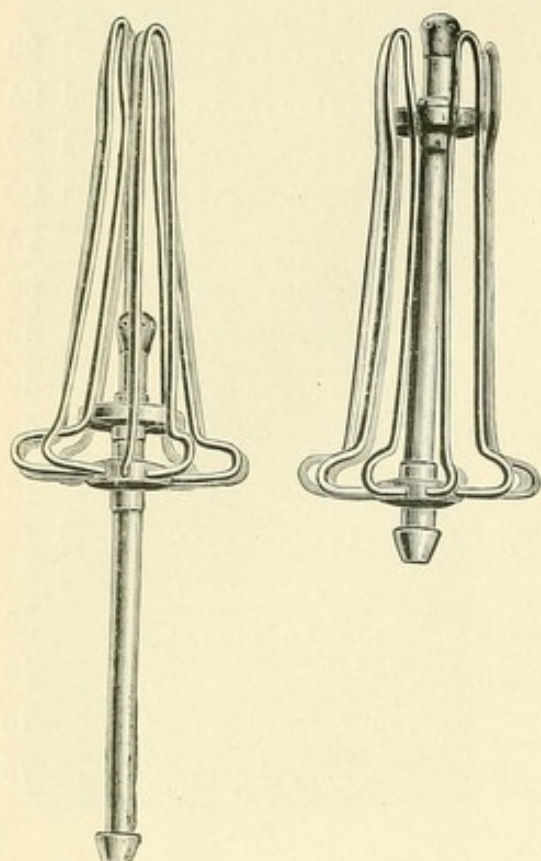
R 116



R 111



## RUBBER GOODS.



R 120

R 120\*

**Vaginal Self-Retaining Distending  
Bath Nozzle.**

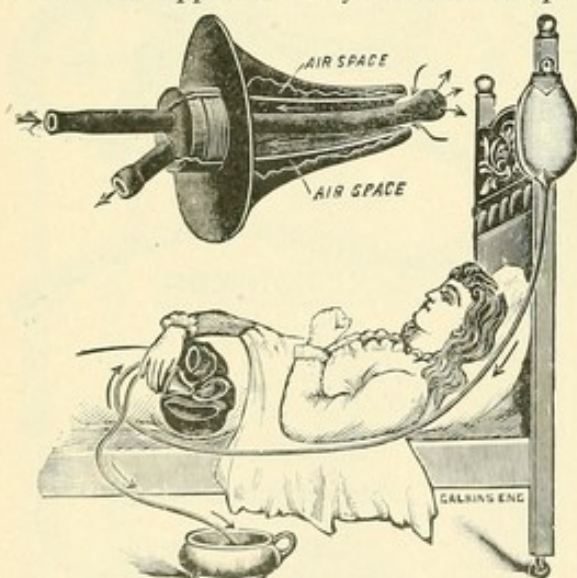
This metal nozzle is inserted small and distended in position to thoroughly rinse the vaginal folds. The illustrations show it open and closed.

**PRICE.**

R 120 .....	\$ .50
R 121, with Fountain Syringe ..	1 25

**R 130\* The Success Ladies' Syringe.**

The curative value of hot water vaginal "injections," the importance of "posture," of the "hot douche," and of "continuous irrigation" in treatment of pelvic disorders, have for a long time been appreciated by the medical profession, and need no mention but to say that the "SUCCESS" Syringe has been constructed to meet every indication and at the lowest cost.



R 130

**ADVANTAGES OF THIS SYRINGE ARE**

1st. It is made of such shape that it is very easily introduced and fits the parts anatomically when in position.

2nd. Injections may be used 20 to 30 degrees hotter with this syringe than with others, as the "air space" prevents the cone from getting hot, thus protecting the more sensitive external parts.

3rd. When the cone is in position the inflow tube may be pushed forward and beyond the cervix, which, together with the positions of the patient, will thoroughly distend the vagina and wash out the bottoms of its folds.

The syringe tip is made of hard rubber and can be easily taken apart and cleaned.

**NET PRICES.**

Outfit No. 1.	Syringe Tip with four feet Escape Tubing .....	\$1 50
Outfit No. 2.	Syringe Tip with Bulb Syringe and Escape Tubing .....	2 00
Outfit No. 3.	Syringe Tip with Fountain Syringe and Escape Tubing .....	2 25
Hard Rubber Rectal Tips, two sizes, adult and infant .....	each,	15

All instruments designated with a \* are illustrated.

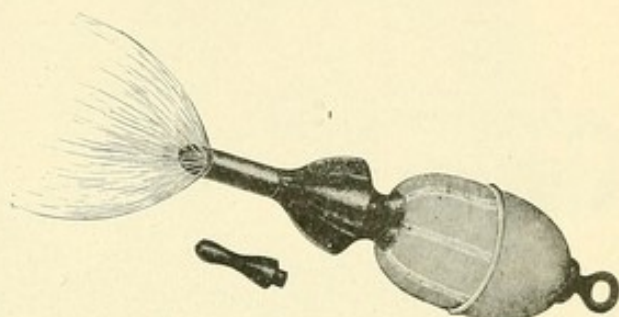


## RUBBER GOODS.

R 135	Vaginal Syringe, Molesworth, Glass Nozzle.....	\$0 90
R 136*	“ “ “ Hard Rubber Nozzle.....	1 00
R 137	“ “ Tullar's Spray Nozzle.....	2 00
R 138*	“ “ Marvel Whirling Spray Nozzle.....	2 75
R 139*	“ “ Household Rotary Spray.....	1 00
R 140*	“ “ Tyrian, with Removable Hard Rubber Shield...	1 25
R 141*	“ “ Ladies'.....	1 00
R 142*	“ “ Wonder Douche, Bent Neck.....	1 75
R 143*	“ “ Ladies' Perfect, with Extra Rectal Tip .....	1 50



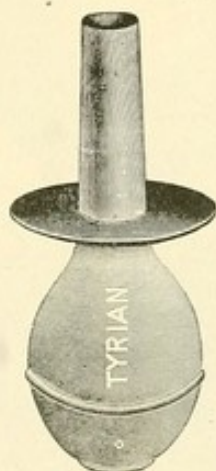
R 142



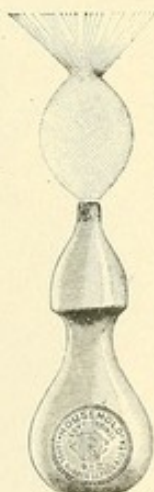
R 143



R 141



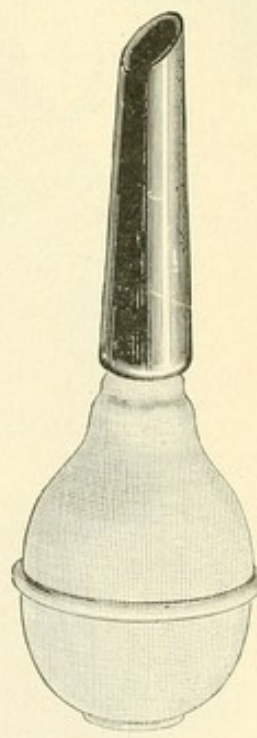
R 140



R 139



R 138



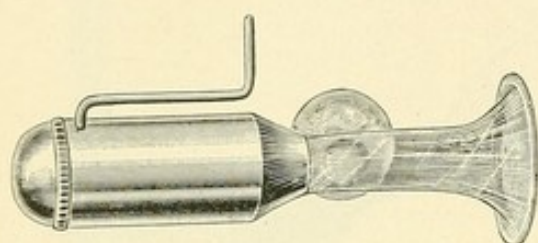
R 136

All Instruments designated with a \* are illustrated.

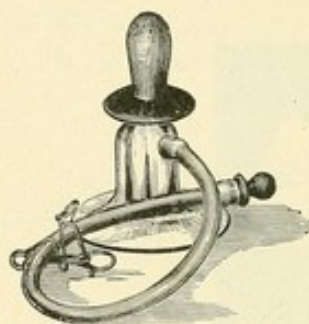


## RUBBER GOODS.

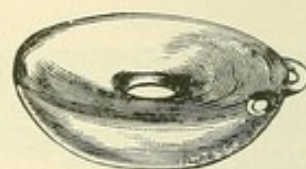
R 154*	Improved Vacuum Breast Pump .....	\$2 50
R 155*	English Breast Pump .....	35
R 156	Household Breast Pump .....	1 00
R 157*	Breast Shields, Rubber, per pair .....	20
R 158*	“ “ with Nipple .....	15
R 159*	“ “ Glass, per pair .....	35
R 160*	Duplex Nipple Shield .....	50
R 161*	Urethral Syringe, Soft Rubber .....	35
R 162*	Aural Syringe, Rubber .....	1 oz., .20 ; 3 oz., 50
R 163*	P. P. Syringe .....	25
R 164*	Infant Syringe .....	25



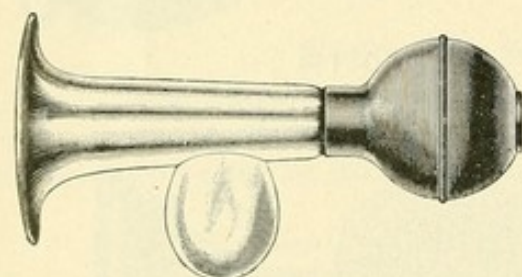
R 154



R 160



R 159



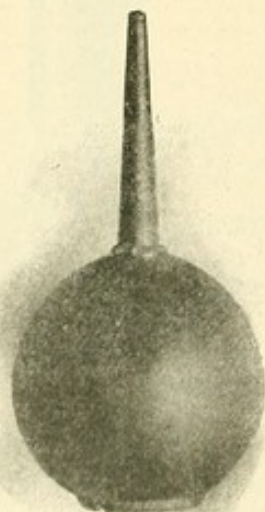
R 155



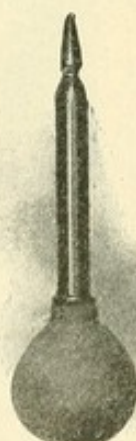
R 157



R 161



R 162



R 163



R 164



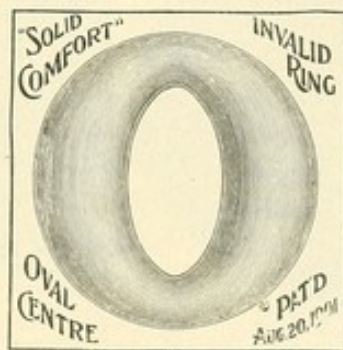
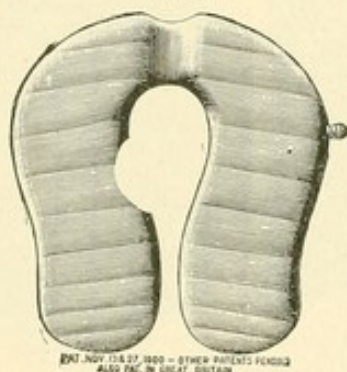
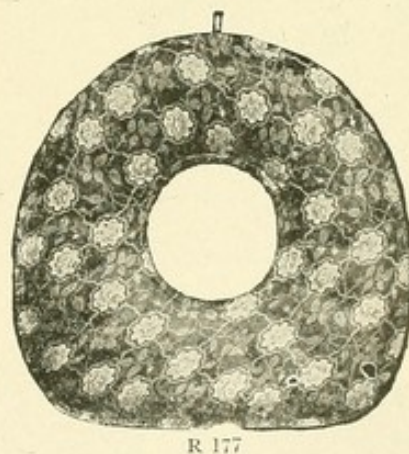
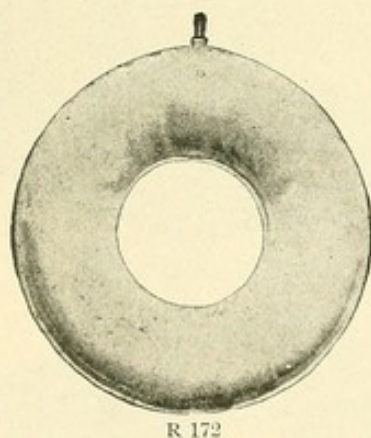
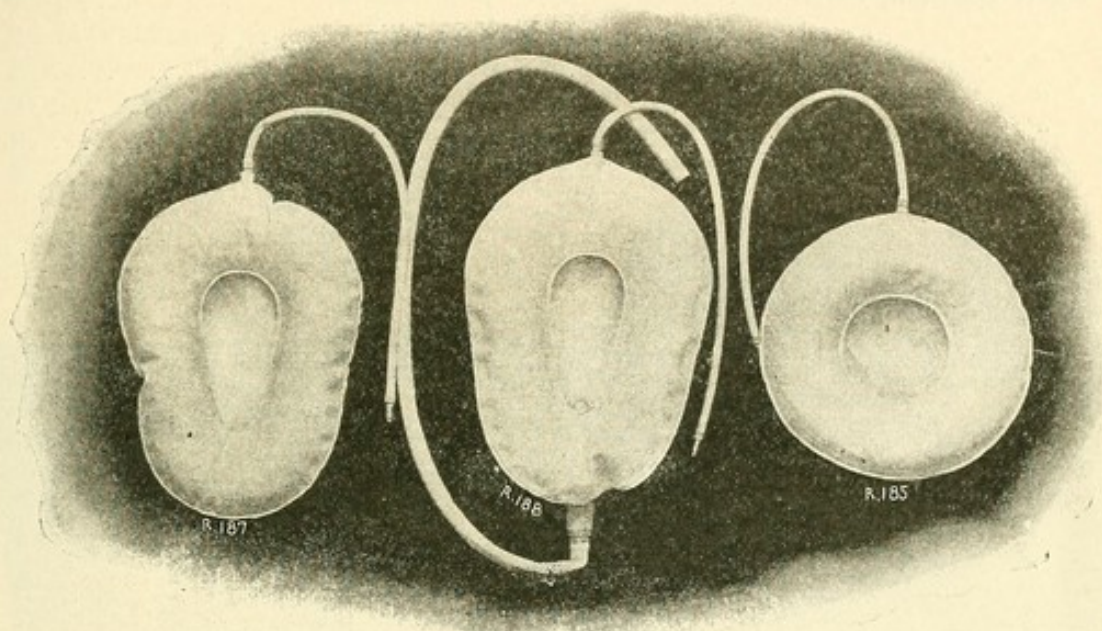
R 158

All Instruments designated with a \* are illustrated.



## RUBBER GOODS.

R 167	<b>Invalid Cushion, 10 in. diameter, slate color.</b>	\$1 25
R 168	" " 11 " " " "	1 35
R 169	" " 12 " " " "	1 40
R 170	" " 13 " " " "	1 45
R 171	" " 14 " " " "	1 50
R 172 <sup>o</sup>	" " 15 " " " "	1 60
R 173	" " 16 " " " "	1 65
R 174	" " 17 " " " "	1 70
R 175	" " 18 " " " "	1 75
R 177 <sup>o</sup>	<b>Hospital Cushion, sateen cover.</b>	3 50
R 178 <sup>o</sup>	<b>Horseshoe Air Cushion, has a removable washable cover, self-ventilating and prevents upward pressure in front.</b>	4 50
R 179 <sup>o</sup>	<b>Solid Comfort Cushion</b>	3 00
R 185 <sup>o</sup>	<b>Bed Pan, round, no outlet.</b>	2 10
R 186	" " " with outlet	2 50
R 187 <sup>o</sup>	" " oval, no outlet	3 50
R 188*	" " " with outlet	4 00



R 178

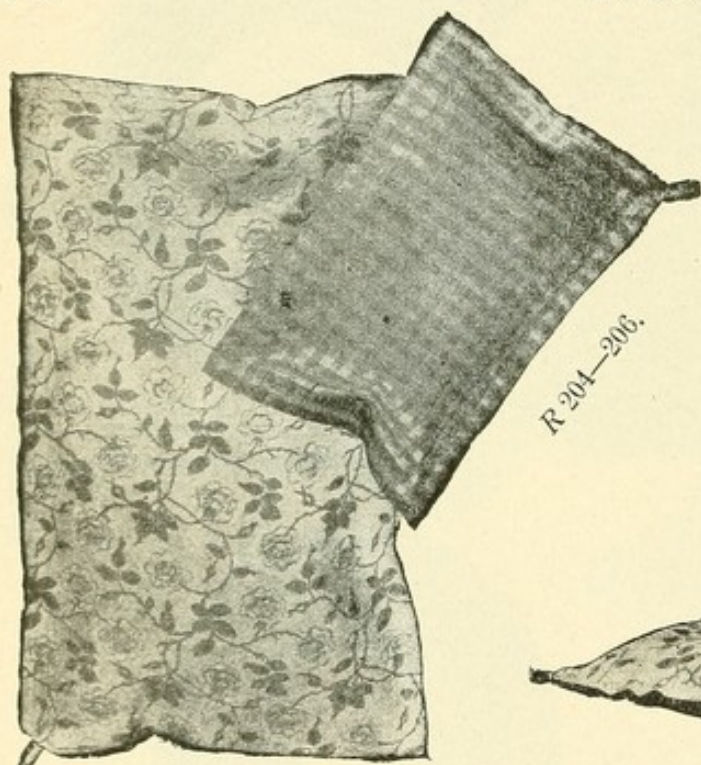
R 170

All Instruments designated with a ° are illustrated.

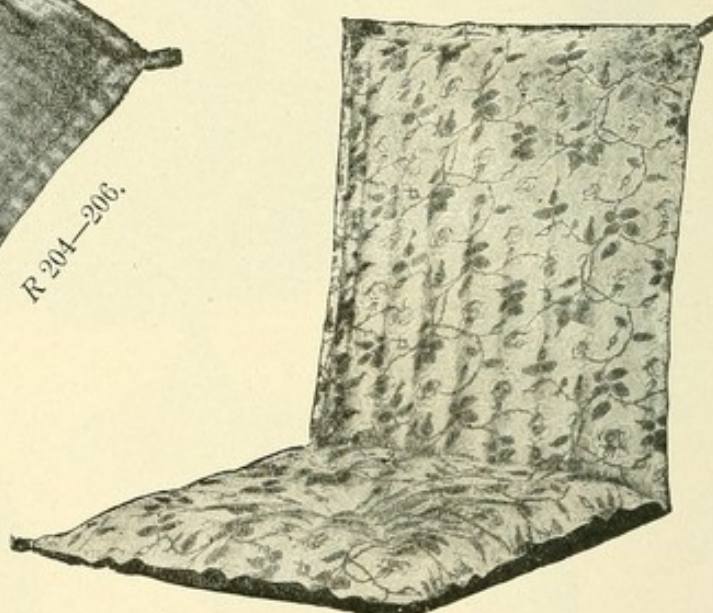


## RUBBER GOODS.

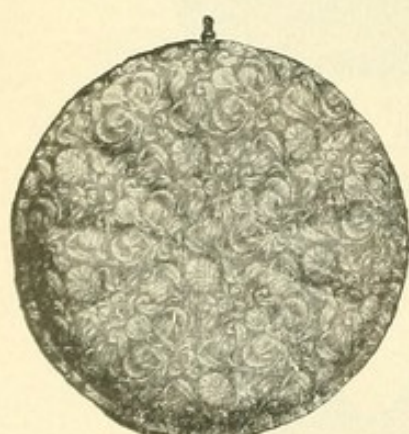
R 200*	Air Pillows, sateen covers	9 x 13 inch.	\$ 1 50
R 201	" " " "	10 x 16 "	1 75
R 202	" " " "	12 x 18 "	2 25
R 203	" " " "	14 x 23 "	2 70
R 204*	" " very light, covered with silk	7 x 11 inch.	2 00
R 205	" " " " " "	10 x 14 "	2 25
R 206	" " " " " "	14 x 17 "	3 00
R 210*	Invalid Chair Cushion, sateen cover, seat	16 x 16, back 16 x 16.	5 25
R 211	" " " " " "	18 x 18 " 18 x 20.	6 00
R 212*	Chair Cushion, center reeded, sateen cover	19 x 19.	3 50
R 213*	" " round	12 in. \$2.25, 14 in. \$2.50, 16 in. \$2.75, 18 in.	3 00
R 214*	" " square sateen cover	12 x 16	2 25
R 215	" " " " " "	14 x 16	2 50
R 216	" " " " " "	16 x 16	3 00
R 217	" " " " " "	15 x 18	3 25



R 200-203.



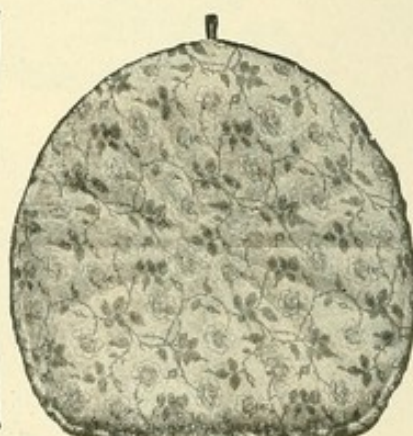
R 210.



R 213.



R 214-217.



R 212.

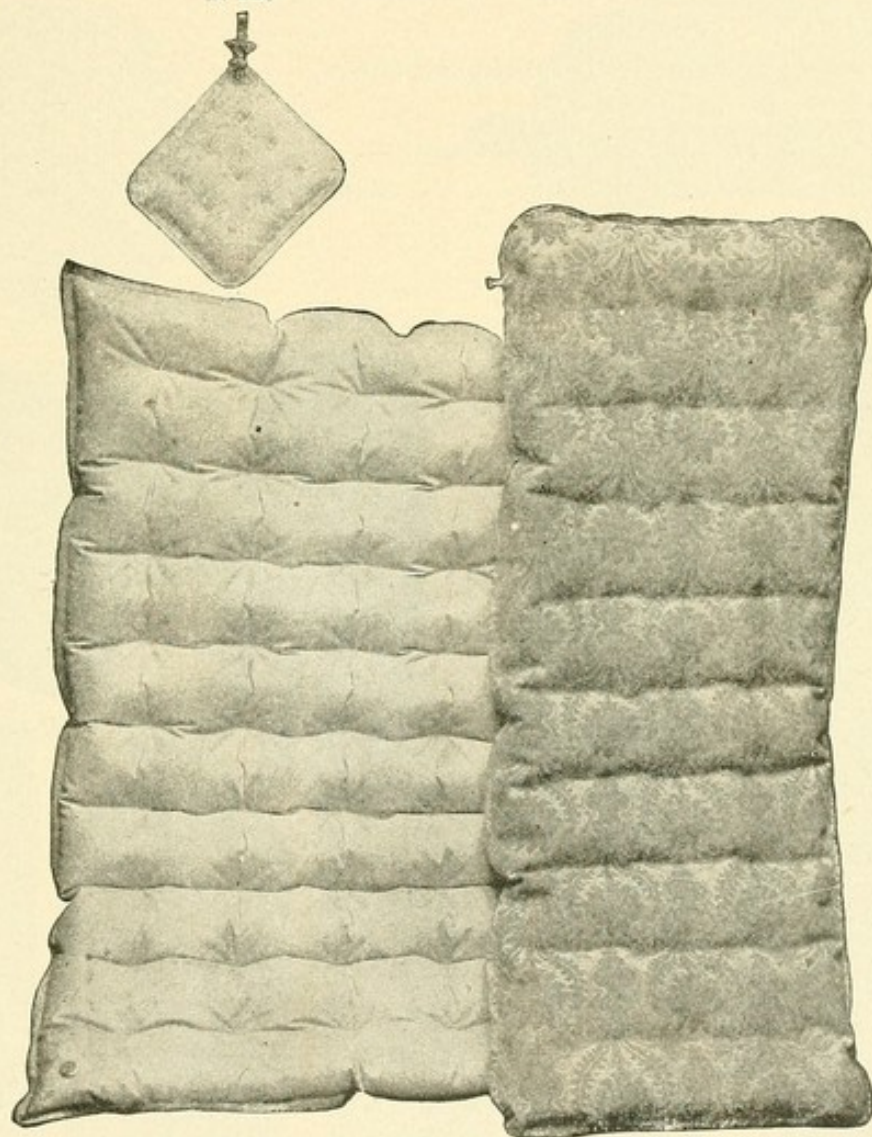
All instruments designated with a \* are illustrated.



## RUBBER GOODS.

R 220	<b>Air Bed, 32 x 80 in.</b>	.....	\$21 25
R 221*	" " 42 x 80 "	.....	28 00
R 222	" " 52 x 80 "	.....	35 70
With pillows, extra, \$4 50			
R 225	<b>Water Bed, 24 x 36 in.</b>	.....	16 00
R 226*	" " 32 x 80 "	.....	22 50
R 227	" " 42 x 80 "	.....	29 70
R 228	" " 52 x 80 "	.....	37 80
R 229*	<b>Water Bag, 13 x 15 "</b>	.....	2 50
R 230	" " 14 x 18 "	.....	3 00

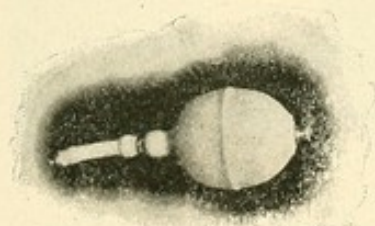
R 229



R 225-228

R 220-222

These are handsome goods and first class in every respect.



## R 231 Rubber Bulb Inflators.

Inflator for pillows, cushions, etc. The thread fits all our Air Valves.

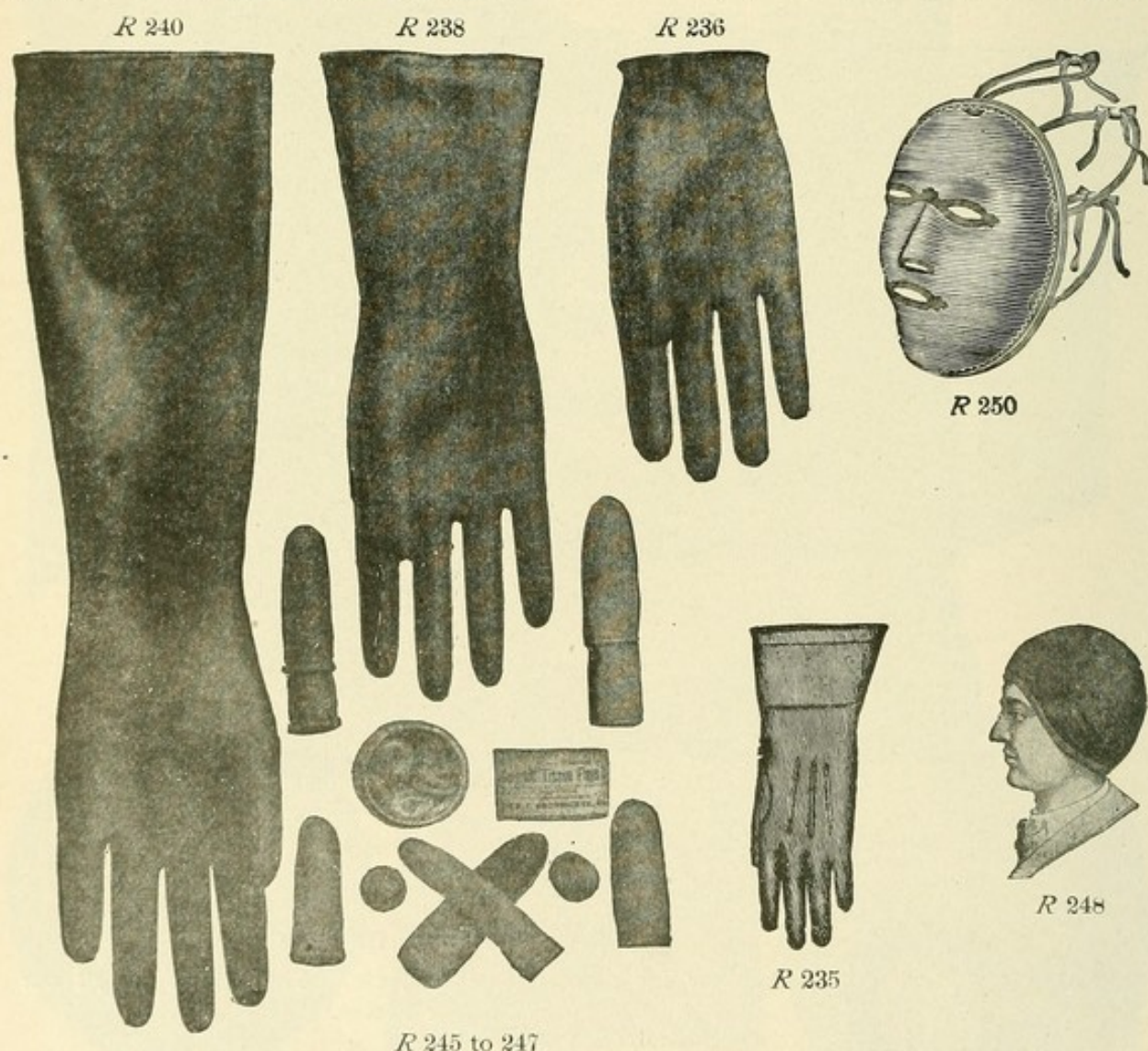
Price.....\$0 50

All instruments designated with a \* are illustrated.



## RUBBER GOODS.

R 235*	Rubber Gloves, Heavy, Cloth Lined, . . . . .	\$1 00
R 236*	" " Pure Gum, Seamless, run to wrist only, sizes from No. 6 to No. 10, . . . . .	85
R 237	" " Regular length, light weight, . . . . .	75
R 238*	" " " " medium weight, . . . . .	85
R 239	" " " " heavy weight, . . . . .	1 00
R 240*	" " for Obstetrical use; gauntlet reaches to elbow, in three sizes, No. 7, No. 7½ and No. 8, . . . . .	1 50
R 241	Rubber Sleeves or Armlets, 16 inches long, . . . . .	1 25
R 245	Finger Cots, very thin, . . . . . per dozen,	25
R 246	" " thin, with reinforced tips, . . . . . " "	40
R 247	" " heavy, . . . . . " "	50
R 248*	Operating Head Cap, Pure Gum, . . . . .	1 25
R 249	" " " " " with hole in center for tre- phining, . . . . .	1 50
R 250*	Face Mask, Pure Gum, . . . . .	1 00



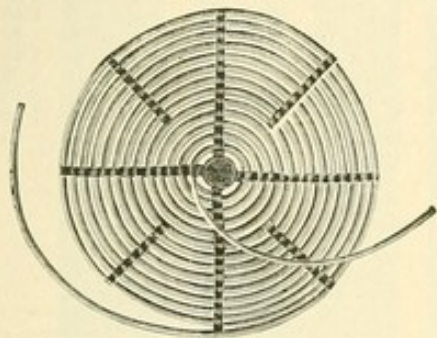
In ordering Gloves give size around hand between thumb and knuckles.

All Rubber Goods designated with a \* are illustrated.

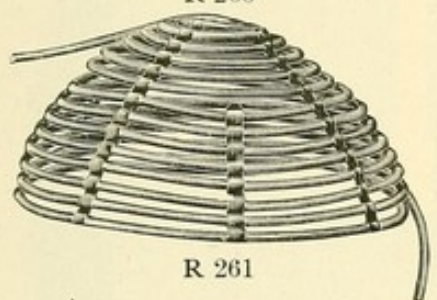


## RUBBER GOODS.

R 260*	Abdominal Coil, red rubber, 12 inch diameter.....	\$3 00
R 261*	Head Water Coil, red rubber.....	3 00
R 262*	Pure Gum Ice Bag, for throat, 7 inch, heavy, with tape.....	50
R 263	" " " 9 " " " .....	60
R 264	" " " 11 " " " .....	80
R 265	" " " for spine, 12 " " " .....	1 00
R 266*	" " " 14 " " " .....	1 20
R 267	" " " 16 " " " .....	1 50
R 268*	Helmet Ice Cap.....	1 90
R 269	Pure Gum Ice Cap.....	1 50
R 270*	" " " with loops to be adjusted to body.....	1 75
R 271*	Perfection Ice Cap, " " " small.....	1 25
	" " " large.....	2 00
R 272*	English Ice Cap, checked cloth covered, 9 inch.....	90
	" " " 12 " " .....	1 25
R 273*	Plain Ice Bag, narrow.....	25
R 274*	" " " wide.....	45



R 260

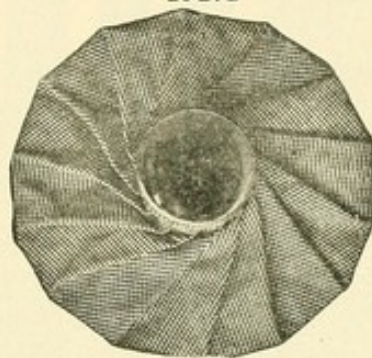


R 261



U.S. PATENT OCT. 16, 1900  
ALSO PAT. IN GREAT BRITAIN

R 271



R 272



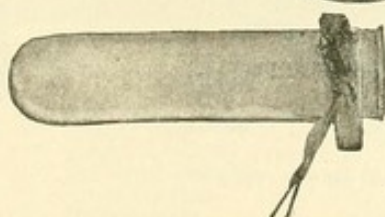
R 266



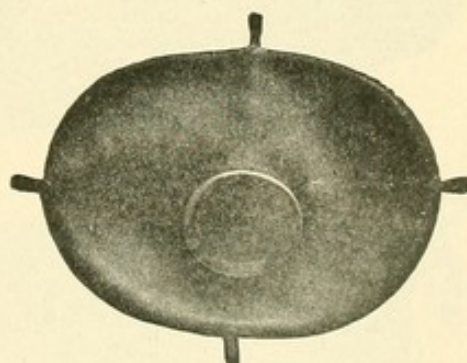
R 274



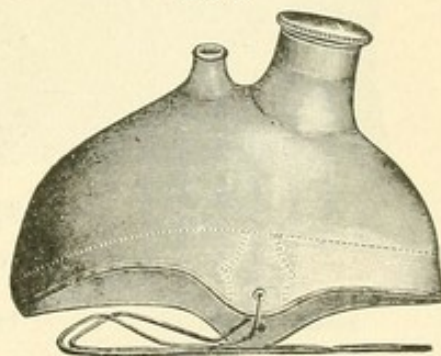
R 273



R 262



R 270



R 268

All instruments designated with a \* are illustrated.



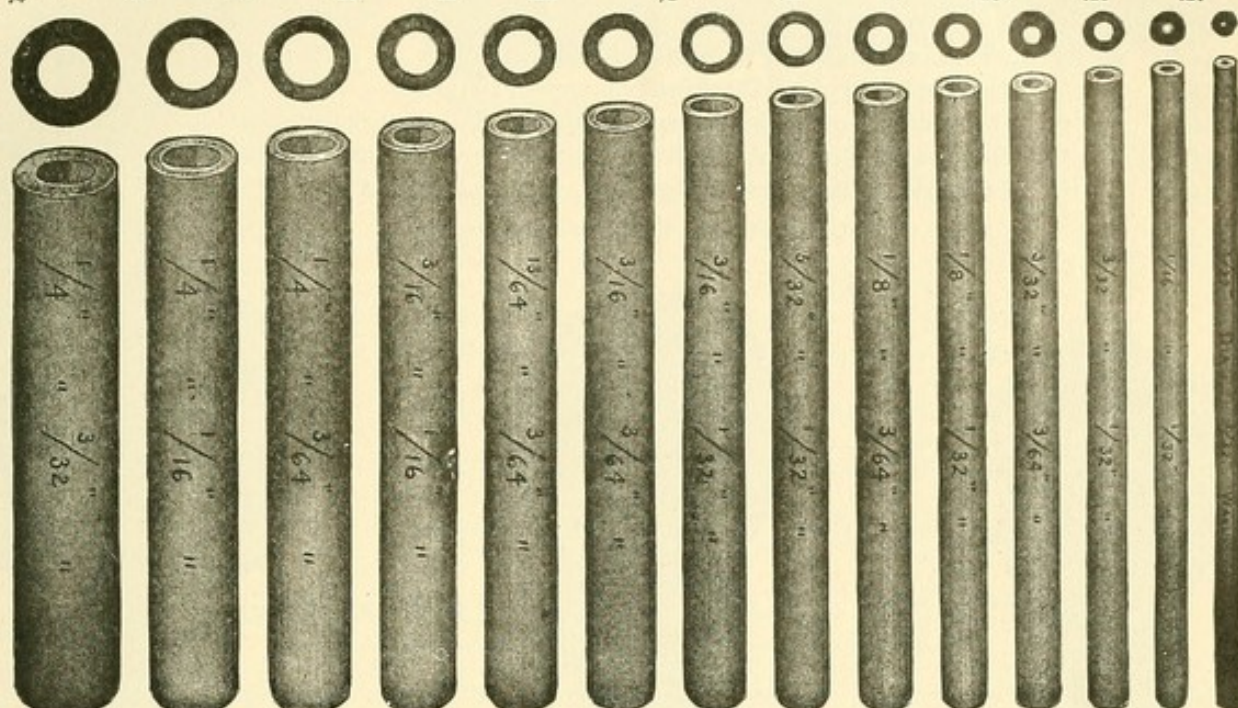




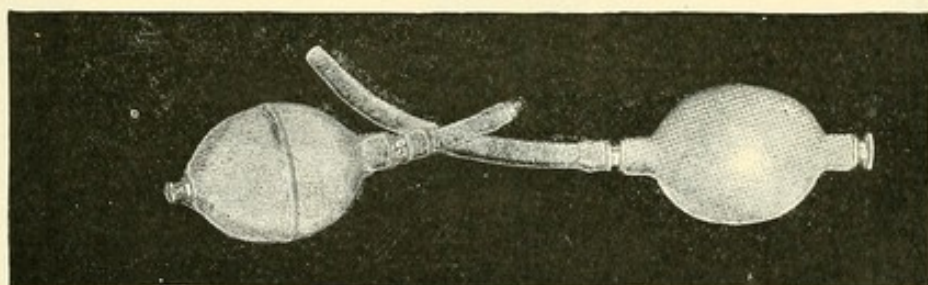
## RUBBER GOODS.

R 320 Rubber Tubing. When ordering, state inside diameter and thickness of wall. Following price per foot, discount in quantity.

Sizes	White, Light	White, Heavy	Pure Gum	Imported, Pure Gum	Maroon	Sizes	White, Light	White, Heavy	Pure Gum	Imported, Pure Gum	Maroon
1/8 inch	.03	.04	.05	.08	.05	3/8 inch	.08	.11	.12	.15	.15
1/4 "	.04	.05	.07	.10	.08	1/2 "	.10	.13	.17	.18	.20
3/4 "	.05	.06	.10	.12	.12		.17	.17	.23	.25	.27

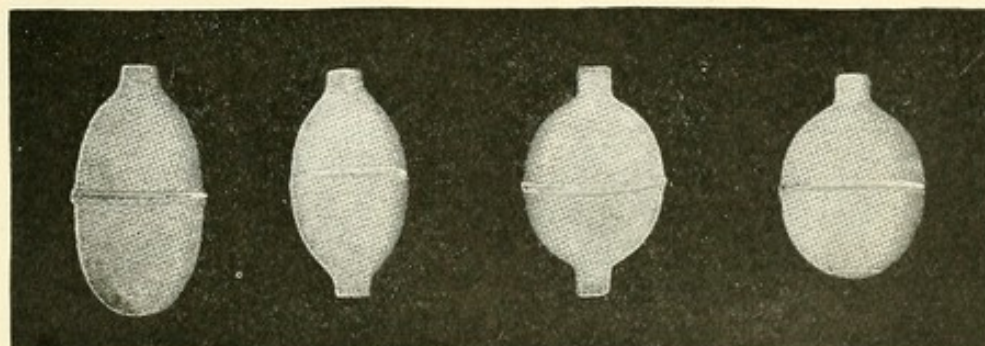


R 320



R 330

R 331



R 333

R 334

R 335

R 336

R 330*	Rubber bulb for Kelley pads, invalid cushions, etc.	\$0 50
R 331*	" " double valve for Powder Blowers.	35
R 332	" " single valve for Atomizers.	30
R 333*	" " for Nasal Douches, etc., with tubing.	25
R 334*	" " for Syringes.	25
R 335*	" " for Syringes.	25
R 336*	" " for Oil Atomizers without tubing.	25

All Instruments designated with a \* are illustrated.

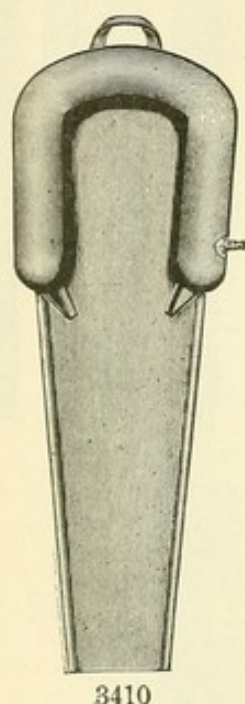


## GENERAL OPERATING NECESSITIES.

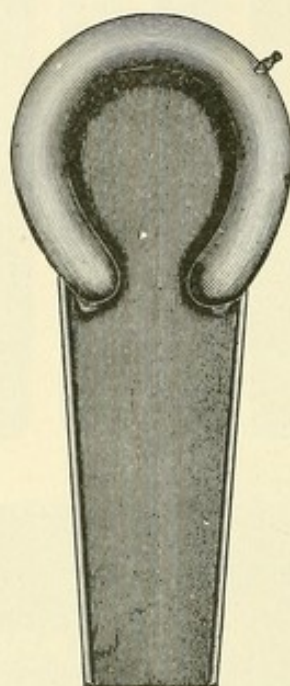
## KELLY'S OPERATING CUSHIONS.

3410*	Kelly's Perineal Cushion; diameter, 14 inches .....	\$2 50
3411*	General Surgical Cushion; diameter, 20 inches .....	3 25
3412	Obstetrical or Ovariectomy Cushion; diameter, 24 inches .....	4 00
3413	Improved Surgical Cushion; with covered Apron; diameter, 20 inches.	4 00
3414*	Improved Obstetrical Cushion, with covered Apron " 24 " .....	4 50

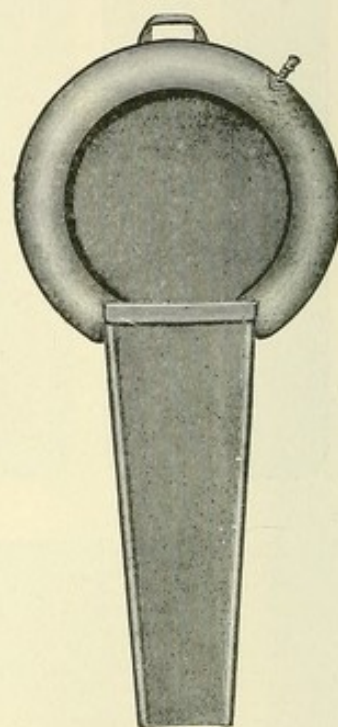
For additional Cushions, see Index.



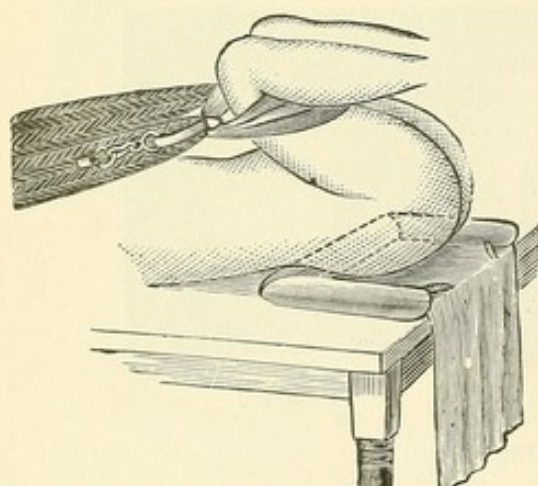
3410



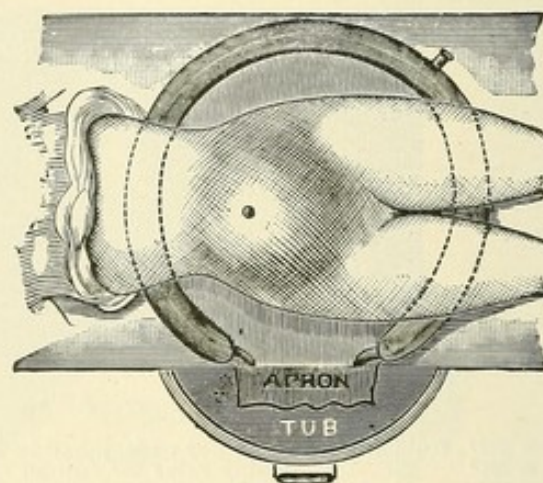
3411



3414



POSITION OF PERINEAL CUSHION.

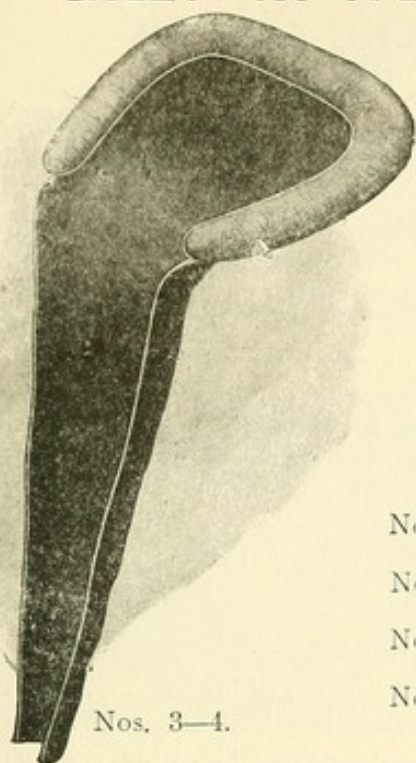


POSITION OF SURGICAL CUSHION.

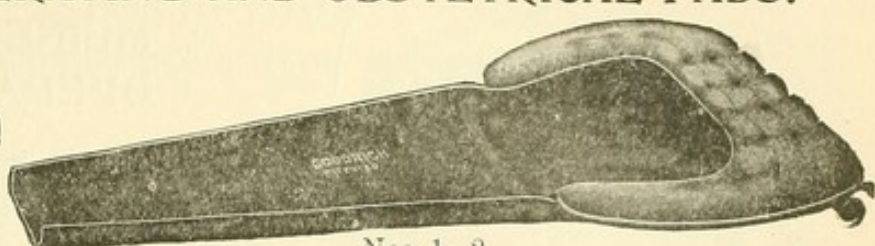
All Instruments designated with a \* are illustrated.



## GALLOWAY OPERATING AND OBSTETRICAL PADS.



Nos. 3-4.



Nos. 1-2.

The back-rest on this pad is stayed and will support the heaviest patient without collapsing. It can be filled with either air or hot water, the latter proving very comfortable to patients and is at times of decided value.

With a moment's manipulation the surgeon can form the flexible drainage conduits of any Galloway Surgical Operating Pad into a deep trough, a shallow trough, a curved trough, a tight-end trough or a flat surface for cleansing.

- |  |         |
|--|---------|
| No. 1 Galloway Surgical or Obstetrical Pad, with hot water or air back-rest 20 in. diameter..... | \$ 5 50 |
| No. 2 Galloway Surgical or Obstetrical Pad, with hot water or air back-rest 24 in. diameter..... | \$ 6 50 |
| No. 3 Galloway Surgical or Obstetrical Pad, with air back-rest 20 in. diameter.....              | \$ 4 50 |
| No. 4 Galloway Surgical or Obstetrical Pad, with air back-rest 24 in. diameter.....              | \$ 5 00 |

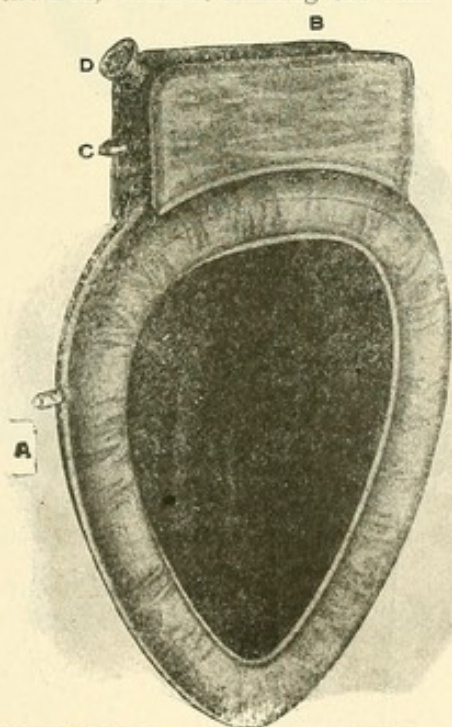
## No. 5 GALLOWAY OBSTETRICAL EQUIPMENT

For the Ease of Labor by the Use of Heat.

[PATENTED.]

Use of this equipment will enable the physician to greatly shorten the bedside time of labor; avoid many disagreeable features to himself and patient; keep the bed and clothing clean, and relieve much pain, by relaxing the cervix and perineum.

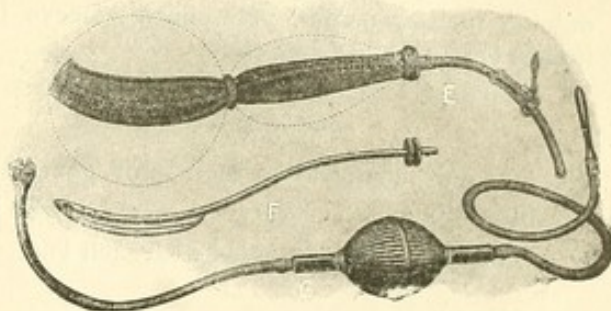
Great relief is experienced from back pains during the first stage of labor, by the heat and mechanical support of this device. The pad prevents the patient's gown and bed from soil. It forms a perfect rindam, which the weight of the back cannot break down, as in all other obstetrical pans. The sagging bottom of the pan-accommodates itself to depressions in the bed, without kinking the rim.



A—Inflatable Rim of Pan.

B—Back or Body Pad, independent of rim A. This pad can be filled with either air through valve C or with hot water through funnel D. Size of pan, 25 1/4 x 24 inches. Size of back-rest, 4 3/4 x 16 inches.

G—Syringe joined with a short piece of rubber and shut-off to F, the Douche, over which E, the para rubber bag, is slipped and held in place on the collar of the Douche by rubber ring.

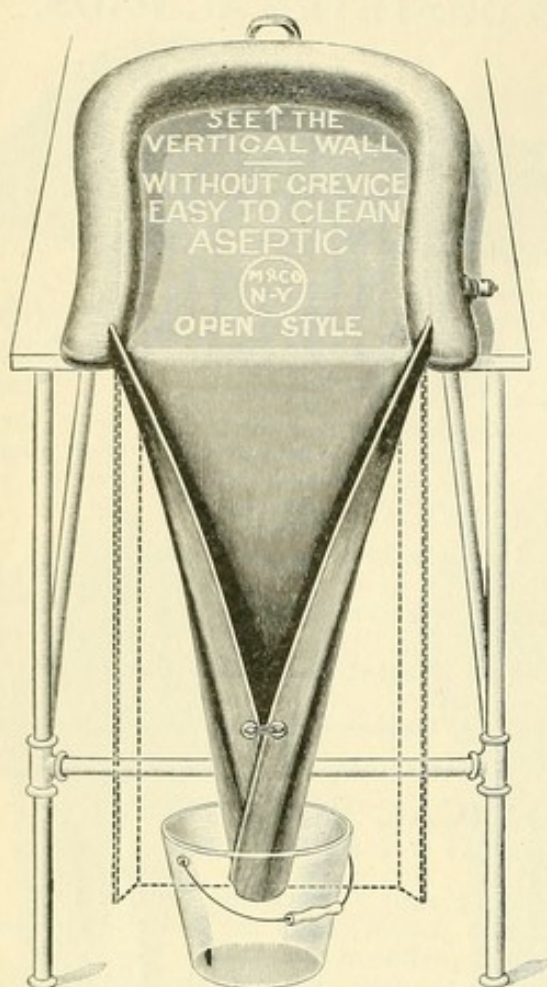


The syringe and inflation bag are used for emergency tamponing.

- |  |         |
|--|---------|
| No. 6 Galloway Improved Obstetrical Cushion, with douche, tube, tampon and syringe complete..... | \$10 00 |
| No. 5 Galloway Improved Obstetrical Cushion, only.....   | \$ 7 50 |

All instruments designated with a \* are illustrated.





PAT. JUNE 14 & 21, 1904.  
ALSO PATENTED IN GREAT BRITAIN, GERMANY AND FRANCE.

Nos. 15, 20, 24.

### No. 50. ASEPTIC OPERATING PAD. CLOSED STYLE.

#### SIZE.

The Pad is 22 inches wide and 27 inches long, outside measurements. The outlet sleeve is 24 inches long and 6 inches wide.

#### NET PRICE.

No. 50. For obstetrical practice or general operations.....each, \$9.00

Inflating Bulb supplied with each Pad.

## MEINECKE ASEPTIC OPERATING PADS.

Nos. 15, 20, 24. OPEN STYLE.

The Most Perfect Kelly Pads in the Open Styles. Without Crevice. Easy to Clean. Aseptic and Sanitary. It has received the enthusiastic praise of all physicians and surgeons who have used it, and has been unanimously pronounced "The Ideal Pad" for general surgery and for obstetrical practice,

Because

It has no crevice in which matter can lodge.

It is easy to clean, and can be kept aseptic.

It prevents soiling of the operator's clothing.

Guaranteed to wear twice as long as any of the old style Kelly Pads.

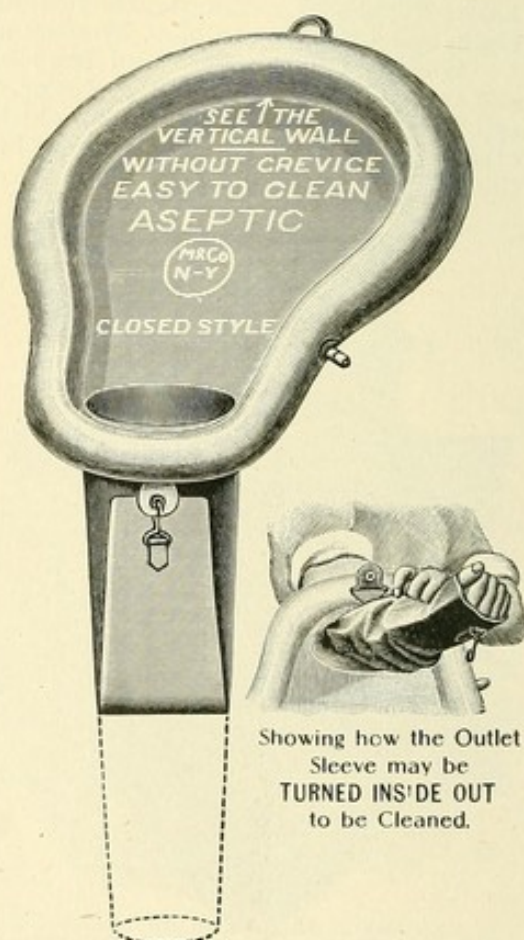
#### NET PRICES.

No. 15. Perineal size, 15 in. wide.....\$6.00

No. 20. Standard operating size, 20 in. wide.. 8.00

No. 24. Large operating size, 24 in. wide.... 9.00

Inflated Bulb supplied with each Pad.

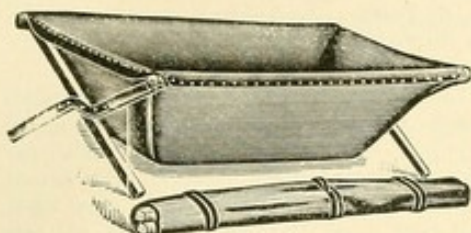


Showing how the Outlet Sleeve may be TURNED INSIDE OUT to be Cleaned.

PAT. JUNE 14 & 21, 1904.  
ALSO PATENTED IN GREAT BRITAIN, GERMANY AND FRANCE.

No. 50.

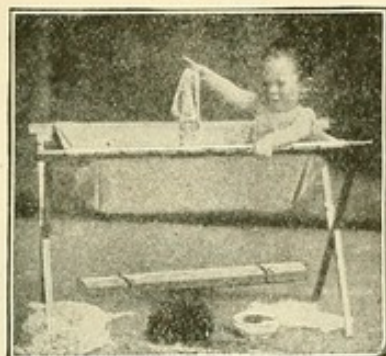


**BATH TUBS.****FOR BEDROOMS, CAMP OR HOSPITAL.**

No. 1.

**No. 1. Adults' Portable Folding Bath Tub.**  
Especially adapted for typhoid cases. The shape is very similar to the metallic tubs; is not suspended, but rests on the floor. When folded, these tubs are 5 feet long and 5 inches square.

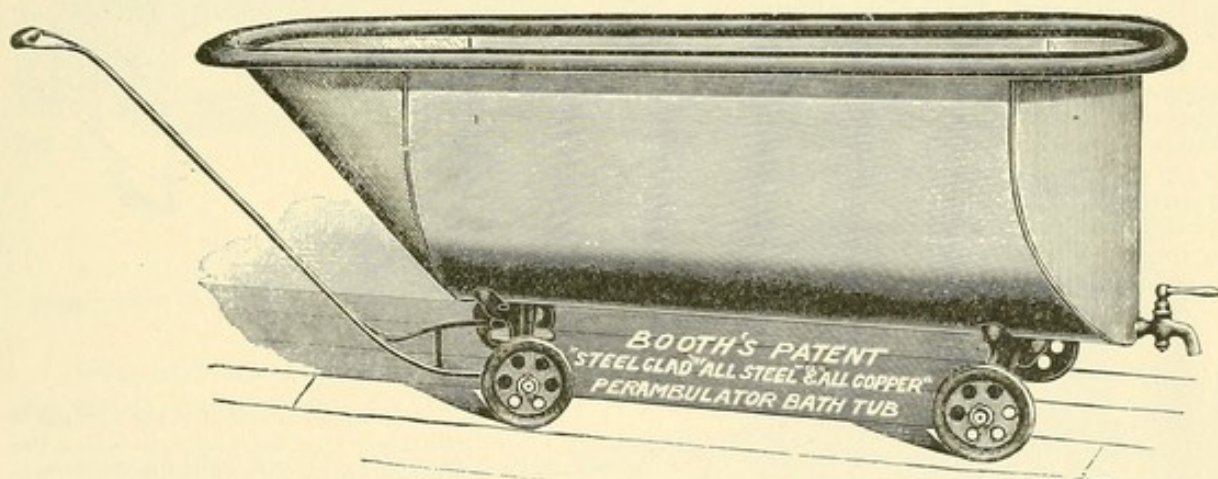
Price.....\$10 00



No. 2.

**No. 2. Child's Portable Folding Bath Tub.**  
As above, but stands higher, being suspended on folding tripod.

Price.....\$5 00

**PERAMBULATING BATH TUB.**

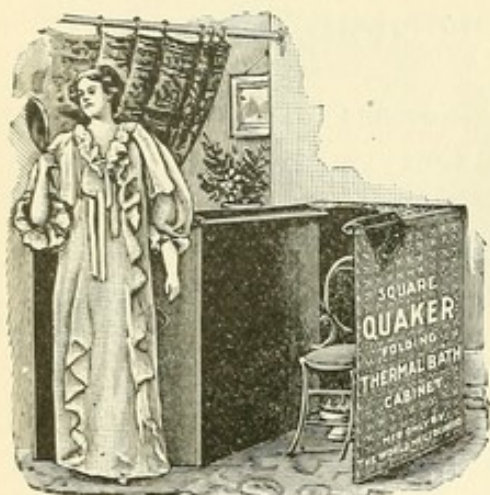
The above cut represents our new low-priced Perambulating Bath Tub, designed for use in hospitals, sick rooms, etc. It is mounted on a substantial truck having rubber-tired wheels, and can be turned in any direction within its own length. The top is capped with a comfortable polished-oak rim three inches wide.

Prices, according to the length.....\$27 00 to \$35 00

With Portable Elevator-Stretcher, for lowering and raising patient in the bath, additional, 35 00



## THE SQUARE FOLDING BATH CABINET.



For taking Vapor, Medicated, Perfumed or Turkish Baths.  
Ready for Instant Use when Received.  
No Setting Up. No Trouble. No Bother.  
Warranted to be the Best of all Cabinets at the Price.

The same results are obtained as at the Hot Springs, Sanitariums or Turkish Baths, and the cost is not ten cents a week. It is adapted to a large man or small child. The material for retaining the heat is of first-class antiseptic rubber drill, devoid of any objectionable odor. It is expanded by a very light frame, so constructed that it will fold into a space not two inches in thickness. Made in four qualities.

No. 6.	Rubber covered inside, complete,	\$ 3.50
No. 7.	" " " and outside,	7.50
No. 8.	" " " " " best,	12.50
No. 9.	" " " Round pattern,	3.50
	Head Steamer Attachment,	1.00

A LIBERAL DISCOUNT TO THE TRADE.

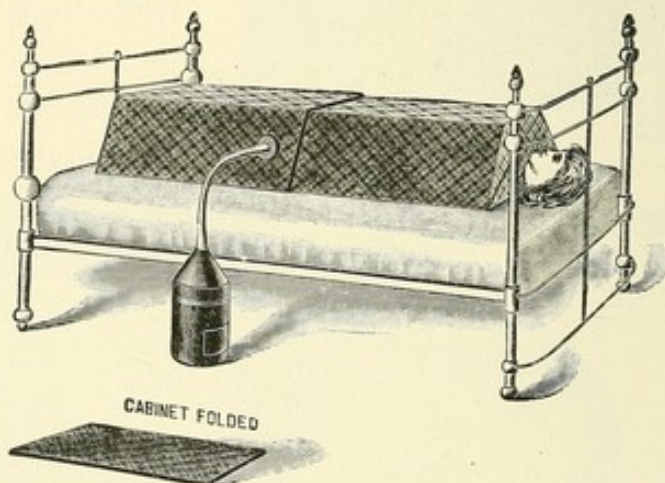
## 10. RECLINING CABINET.

For taking Hot Air or Vapor Baths in Bed.

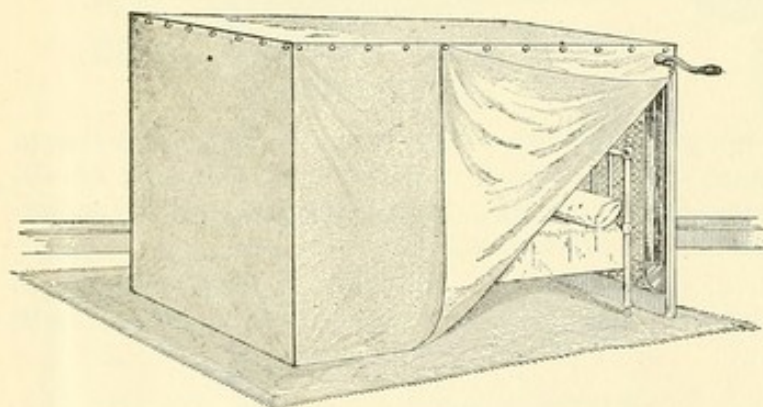
This device has been brought out through the repeated request of some of the leading physicians of this country. The Cabinet is invaluable for cases of Confinement, Dropsy, Inflammatory Rheumatism, Pneumonia, La Grippe, etc.

Cabinets closed only 2 inches thick, 14 inches wide and 30 inches long, weight 12 lbs. Cabinet when in use is 65 inches long, 20 inches wide at the top and the bottom part 30 inches wide, 14 inches high.

Price of Reclining Cabinet with splendid heating apparatus complete, \$7.50 for unlined Cabinet and \$12.50 for lined Cabinet.



## 11. THE GERMICIDAL LUNG CABINET.



The purpose or intent of the Cabinet is to provide a compartment, in which the air is impregnated or filled with Antiseptic Germicidal agents, where a patient may comfortably remain as many hours, day or night, as the requirements of his case demand.

The Cabinet is constructed of a framework of bronzed iron, 7 feet long, 4½ feet wide, by 6 feet high. Over this is a canopy of oiled cloth reaching to the floor. In one end there is a process for evaporating the Antiseptic-Germicidal vapor fluid. The evaporation of this fluid within the compartment thoroughly impregnates the air breathed by the patient,

thereby acting as a continuous antiseptic dressing to the local disease.

It is constructed in sections, so that when not in use may be stored in small space.

We feel sure that no physician who ever uses the Germicidal Cabinet will pretend to treat a case of either Consumption, Chronic Bronchitis, or Chronic Pneumonia without it.

The Cabinet with three gallons of Germicidal vapor fluid F. O. B. for \$40.00. Additional vapor fluid may be secured as required at \$1.50 per gallon, or three gallons for \$4.00. The fluid we furnish is composed of Carbolic Acid (crude), Carbolic Acid Crystals, Camphor, Oil of Cloves, Oil Cinnamon, Thymol, Menthol, Eucalyptus, Oil of Pine and Cinnamic Acid, so combined as to vaporize uniformly.

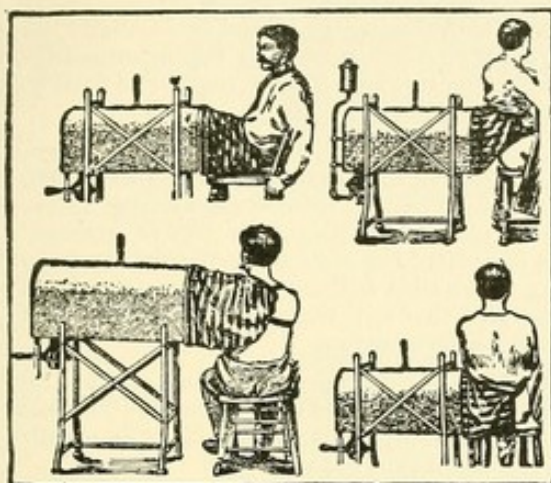


## DRY HOT AIR APPARATUS.

*Rheumatism (Sciatic or Articular), Anchylosed Joints, Gout, Bright's Disease, Swelling of the Legs, Arms or Joints, are successfully treated with this Apparatus.*

### No. 1 DRY HOT AIR APPARATUS.

WITH ARM, LEG, SHOULDER, HIP, ABDOMEN AND KIDNEY ATTACHMENTS.



By means of this appliance dry hot air of any graduated temperature up to 400 degrees Fahr. may be applied to any affected portion of the body, and the requisite temperature held for any desired time, thus producing an evenness of heat and depth of penetration not obtainable in any other way. Dry hot air can be easily borne as high as 280 degrees Fahr. Water boils at 212 degrees Fahr.

The apparatus consists of a cylinder 30 inches long, 14 inches high. Fitted with Hot Air Distributer (lined with Asbestos), Rest for Limb, Hot Air Conductor, Dampers for regulating heat supply and ventilation, Special Thermometer and Holder, and Attachments, Toweling, etc.

Immediate restorative action generally follows after the first application. The beneficial response is never doubtful. Congestion and inflammatory conditions are at once removed and circulation

restored to a wonderful degree. Full directions for using are sent with each apparatus.

No. 1.	Regular apparatus as above, of galvanized iron, with stand,	\$14.00
No. 2.	" " " " oxydized coppered steel,	18.00

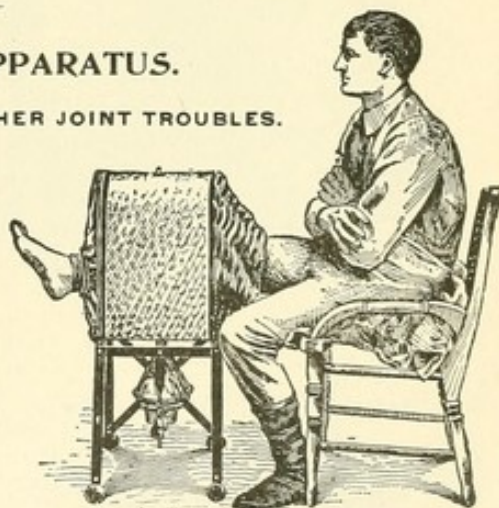
### No. 4. THE KNEE HOT AIR APPARATUS.

FOR TREATING CROOKED KNEES, SYNOVITIS, AND OTHER JOINT TROUBLES.

Better results are obtained for above ailments if the heat is applied only to the part affected.

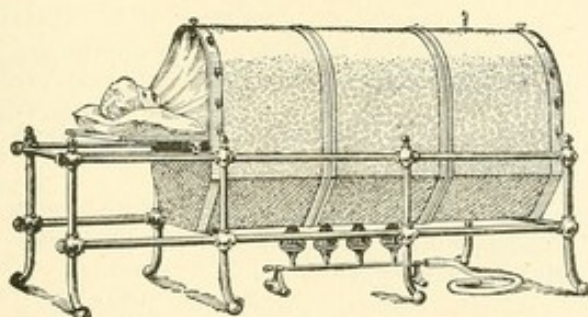
*Heated also by Gas, Gasoline or Alcohol.*

No. 4.	Price,	\$15.00
No. 4A.	Same as the No. 4 but made for both knees.	Price, 20.00



### BODY APPARATUS.

(FULL DIRECTIONS SENT WITH EACH.)

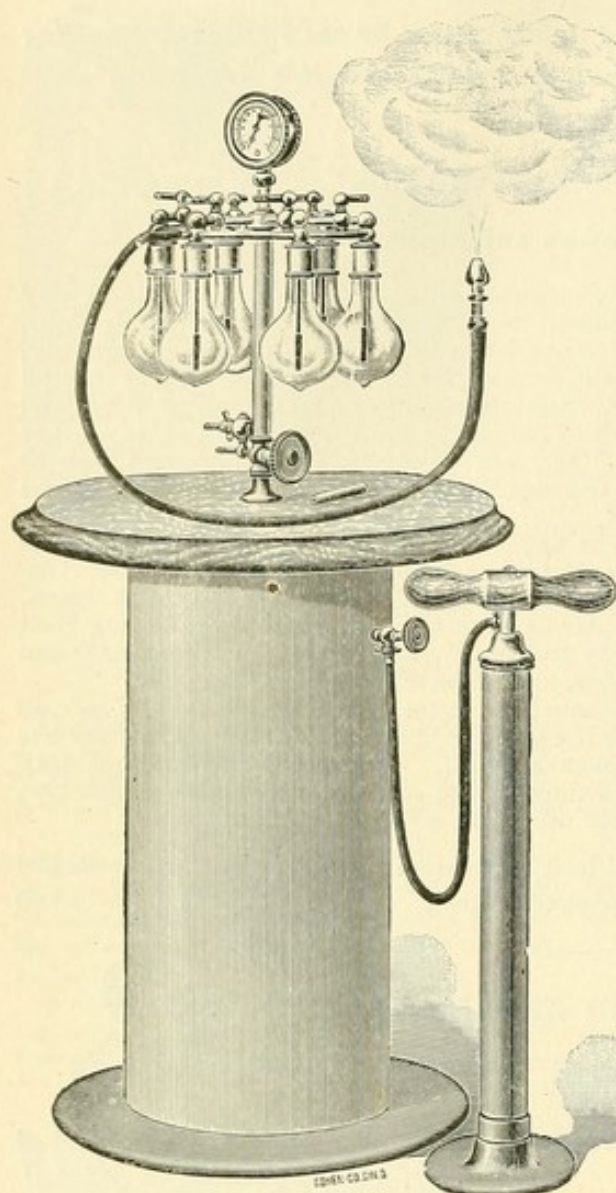


For the treatment of Bright's Disease, Syphilis and Skin Troubles, Obesity, or where the whole body is affected.

It is the greatest money maker ever sold for any physician who desires to do an office business, or run a hospital.



## NEBULIZERS—ATOMIZERS.



1006 A

No. 1006 A. To meet the demand of a first class Nebulizing Outfit which is low in price, we have made up a very large quantity of these in order to reduce the cost.

The construction and finish is superior to any \$75.00 outfit on the market.

**Our price is \$39.50 as shown in the illustration.**

This astonishing proposition is made on the elegant outfit shown in the accompanying illustration and consisting of the following:

1. A six-globe Multiple Nebulizer, circular form, crystal, blue and amber globes, 100 lb. pressure gauge, needle regulating valve, black rubber inhaling tube, valve connection for attaching sprays, hard rubber vaporizing tubes that will not clog or get out of order and that will work with anything over 1 or 2 lbs. pressure.

2. Seamless cold drawn enameled steel air receiver, tested to 500 lbs. pressure, 10 inches in diameter and 30 inches high, with needle valve connection for pump.

3. Polished table top, 20 inches in diameter and 1 1/8 inches thick.

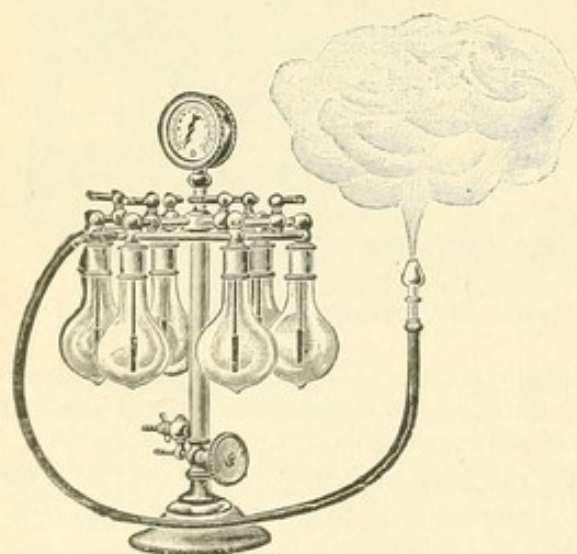
4. Gold bronze iron base, circular in form so the entire outfit can be rolled easily from one position to another for sweeping, etc.

5. Patent direct action pump, nickel plated, 24 inch stroke, frictionless valve and piston. The only pump that gives from 20 to 40 lbs. pressure without laborious exertion.

The entire height of the apparatus is over four feet. The height from the base to surface of table is the same as that of an ordinary desk, making it convenient for operating either sitting or standing.

If the apparatus is also desired for Atomizer use, the following can be added before shipping:

- |   |        |
|---|--------|
| 1 Additional Outlet Valve.....  | \$1.50 |
| 4 Feet, Silk Covered Tubing with Ferrules and Automatic Pressure Cut-off, | 2.00   |
| 1 set of three Atomizing Tubes with rack for same.....                    | 2.50   |



1006 B

No. 1006 B. **Nebulizer.** If you have a compressed air outfit we will sell you the Nebulizer, ready to fit to your tank, or mounted **separately on a gold bronze iron base for \$19.25.**

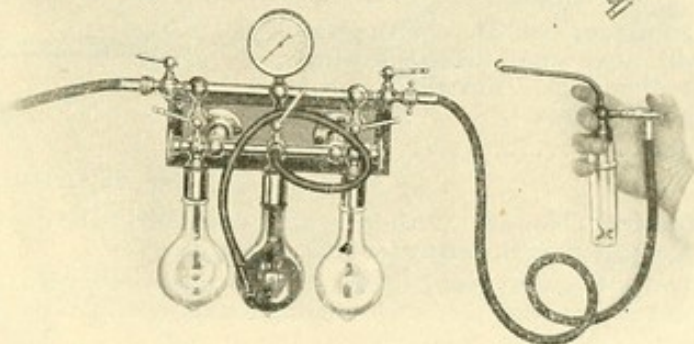
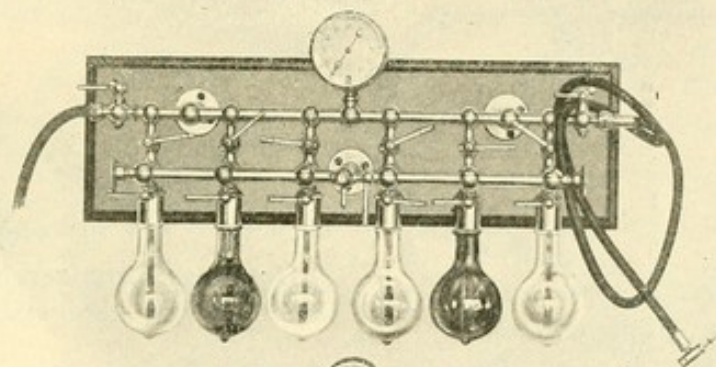
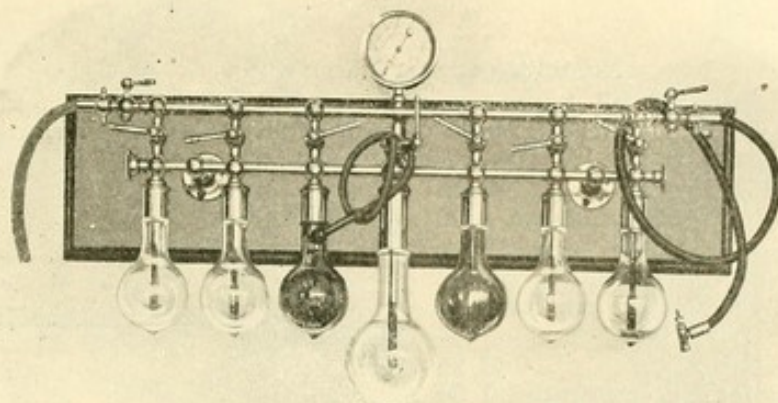
These reduced prices are for cash. Money will be promptly refunded to any purchaser who is not satisfied.



**NEBULIZERS—ATOMIZERS.**

GOLD MEDAL (ST. LOUIS EXPOSITION).

Wall Pattern. Handsome in Appearance. Easy to Clean. Convenient. No Table space lost.



These popular Combination Nebulizing and Spraying outfits are made in various sizes and styles, with or without Mixing Bottle, Single or Double Valve.

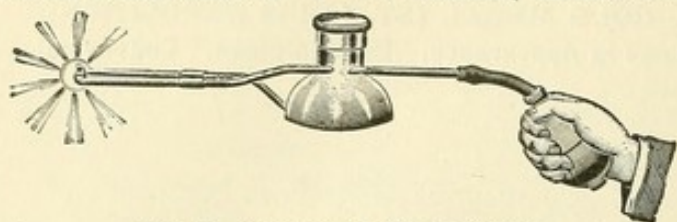
The double valve without the mixing bottle have proven very satisfactory, but the large ones with mixing bottle are more elaborate and showy in appearance. All are equipped with outlet valve for attaching your Compressed Air Spraying Tube and Automatic Shut-off. The inlet silk covered air tube and rubber outlet Nebula tube and tips accompany each outlet.

		Single Valve.	Double Valve.	Double Valve and Mixer.
7-Bottle Wall Nebulizer	.....	\$40 00	.....	<b>\$50 00</b>
6 " " "	.....	32 50	<b>\$40 00</b>	.....
5 " " "	.....	<b>27 50</b>	35 00	40 00
4 " " "	.....	22 50	30 00	.....
3 " " "	.....	17 50	25 00	.....
2 " " "	.....	12 50	18 50	.....
1 " " "	.....	8 50	.....	.....

The most popular are quoted in bold type.



## ATOMIZERS AND POWDER BLOWERS.



No. 9. ATOMIZER (Large Cup).

**DeVilbiss Atomizer, No. 9.** Large cup, entirely of metal; will throw spray in any direction—heavy oils and vaseline by heating, light oils and watery solutions without. Being easily cleaned it is convenient to change from one medicament to another.

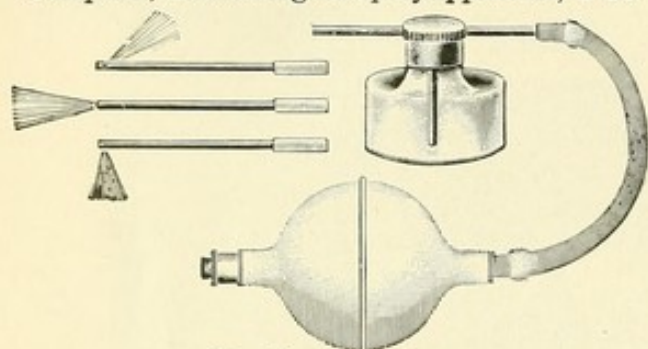
Complete, with bulb.....\$1 25

Complete, with fitting for spray apparatus, 1 00

**DeVilbiss Atomizer, No. 9.** Small cup, entirely of metal; same construction as above, with cup cylindrical in shape and of less capacity.

Complete, with bulb.....\$1 25

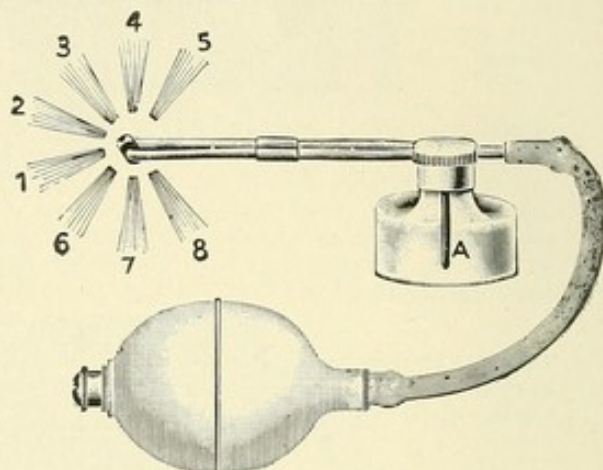
Complete, with fitting for spray apparatus, 1 00



No. 21. ATOMIZER.

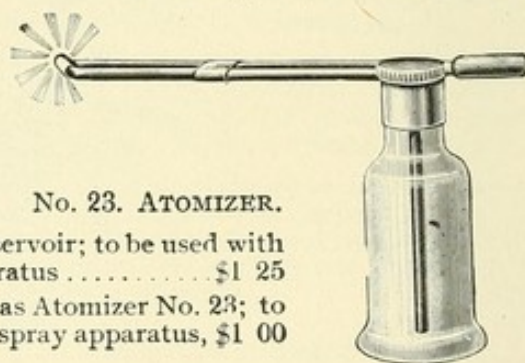
**DeVilbiss Atomizer, No. 21.** With glass reservoir; fitted with three small tubes throwing spray in different directions. For pharyngeal medication through the nares.

Complete, with bulb.....\$1 25



No. 16. ATOMIZER.

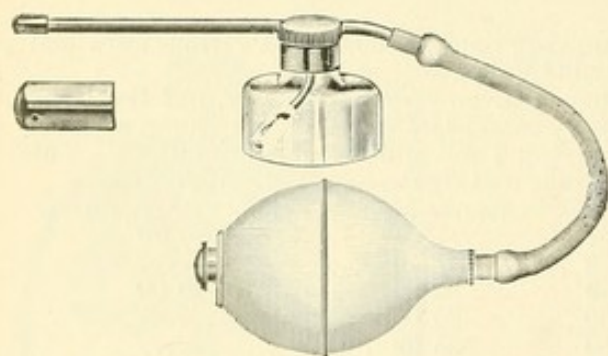
**DeVilbiss Atomizer, No. 16.** Fitted with glass reservoir. Complete, with bulb..\$1 25



No. 23. ATOMIZER.

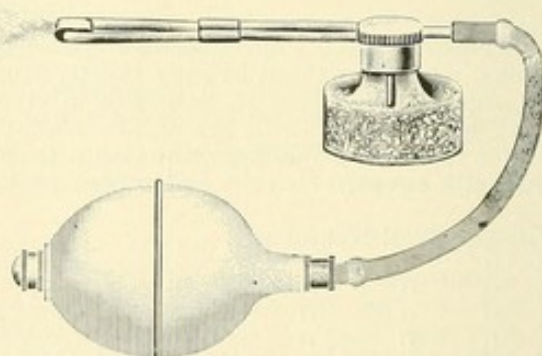
**DeVilbiss Atomizer, No. 23.** With long glass reservoir; to be used with compressed air. Complete, with fitting for spray apparatus.....\$1 25

**DeVilbiss Powder Blower, No. 24.** Same design as Atomizer No. 23; to be used with compressed air. Complete, with fitting for spray apparatus, \$1 00

**DeVilbiss Powder Blower, No. 22.**

Glass reservoir; fitted with detachable tip to throw powder in any direction.

Complete, with bulb.....\$1 00

**DeVilbiss Powder Blower, No. 19.**

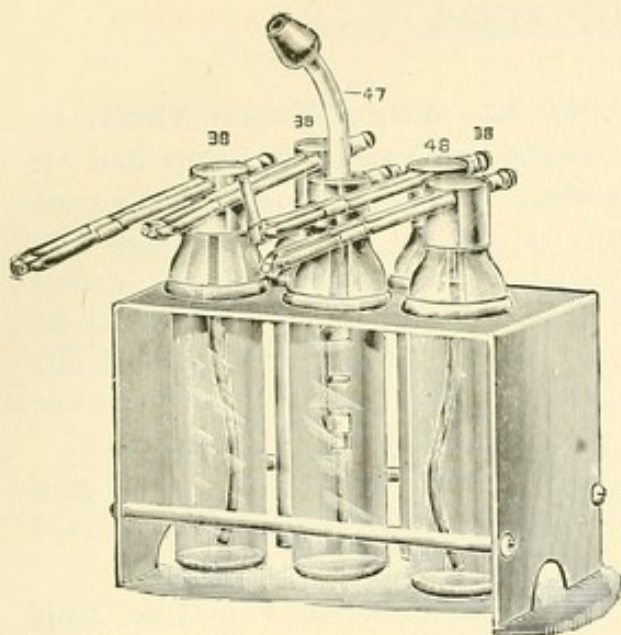
Glass reservoir; fitted with improved tip to throw powder in any direction.

Complete, with bulb.....\$1 00

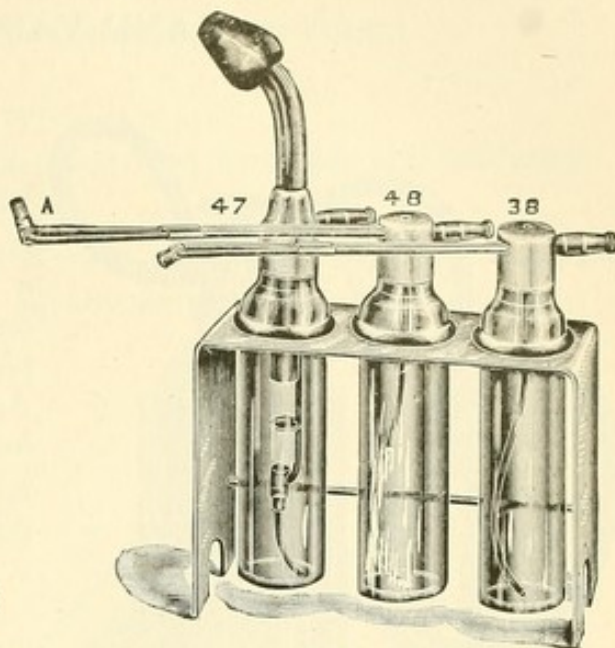
The DeVilbiss Powder Blower is so constructed that the powder is carried by a counter current of air, thus scattering the powder over the surface instead of throwing it in bunches, as powder blowers do that are so constructed that the current of air pushes the powder before it instead of carrying it mixed with it.



## DeVILBISS ATOMIZERS.



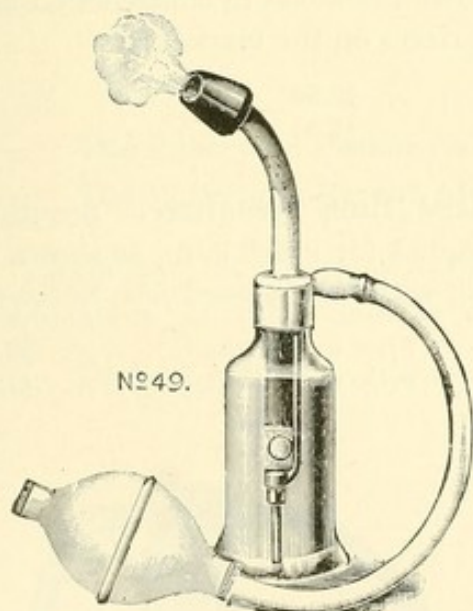
C. A. 202



C. A. 206

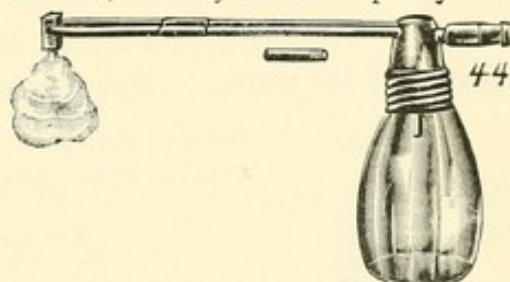
- C. A. 202\* DeVilbiss set of 5 instruments and nickel plated rack containing 3 atomizers, 1 powder blower and 1 nebulizer with nickel plated rack..... \$5 00  
 C. A. 204 DeVilbiss set of 5 same as above, with circular rack and space in center for electric light globe used in heating sprays..... 5 00  
 C. A. 206\* DeVilbiss set of 3 instruments, 1 atomizer, 1 powder blower, and 1 nebulizer with nickel plated rack..... 3 00

Unless otherwise ordered, we will send set as described, but may be made up of your own selection at the same price.



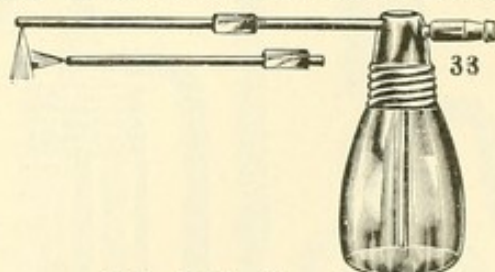
49 DeV. Invertible Nebulizer.

Especially designed for patients' home use. The table for atomized fluids to strike against as shown is set to give a moist vapor. By taking table between thumb and finger and turning it transversely to the long diameter of the bottle a perfectly dry vapor will be made. Fluids will not escape no matter in what position it is placed. Its profusion of vapor is all that can be desired. Price, \$1 25



44 DeV. Powder Blower.

Will throw powder in any direction desired and diffuse it perfectly. The piece shown may be screwed in point and set so as not to obscure the light when using it to make applications in the ear, and screwed out when a short point is desired. Price.....\$1 25



33 DeV. Atomizer.

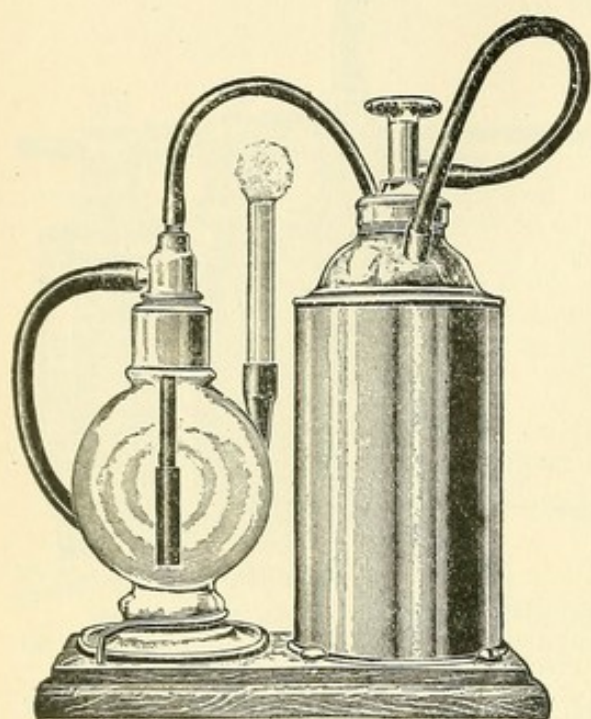
The tube of this atomizer is only  $\frac{1}{8}$  inch in diameter, and can be easily passed through the nares into the pharyngeal vault in the same manner you would an Eustachian Catheter.

Can be rendered aseptic by boiling, as the connection with the bottle is made without the use of corks or washers. Price.....\$1 25

All instruments designated with a \* are illustrated.



## HAND VAPORIZERS.



No. 1C Outfit.

**No. 1C. Little Wonder Vaporizer.** A Combination Vaporizer, Pump and Air Chamber. This apparatus throws a more steady vapor than the style operated with a hand bulb and is less liable to become out of working order. It is designed for physicians who have no Compressed Air Apparatus and is also a cheap Vaporizer for prescribing to patients for home use.

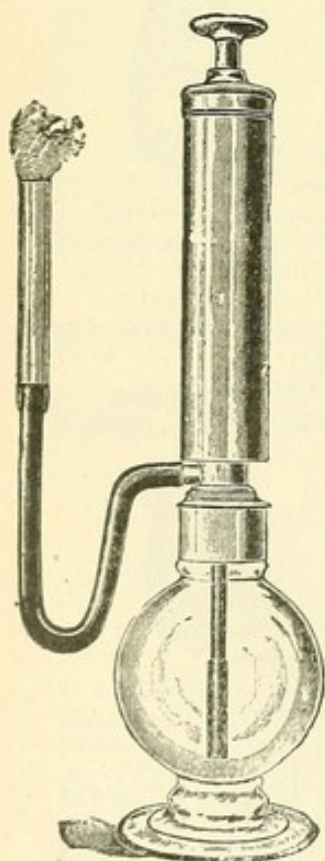
Price to Patients .....\$5.00  
Price to Physicians .....\$4.00

**No. 2C. The Perfect Vaporizer.** This is a most satisfactory Style, is similar to the Little Wonder, excepting has no Air Chamber.

Price to Patients.....\$3.00  
Price to Physicians.....\$2.25

**No. 3C. The Upright Pump Vaporizer** is also first-class in construction and far superior to the ordinary Nebulizers and Vaporizers on the market.

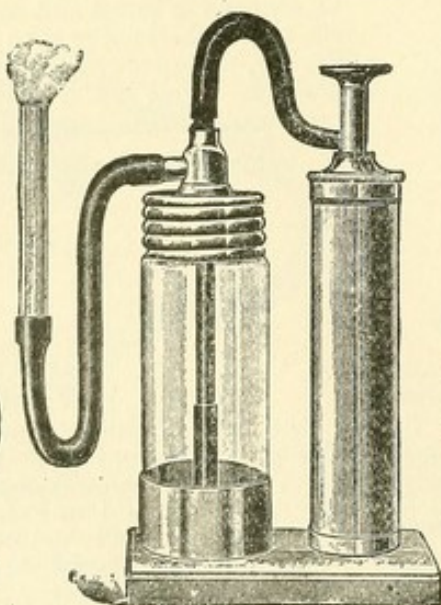
Price to Patients .....\$2.50  
Price to Physicians .....\$2.00



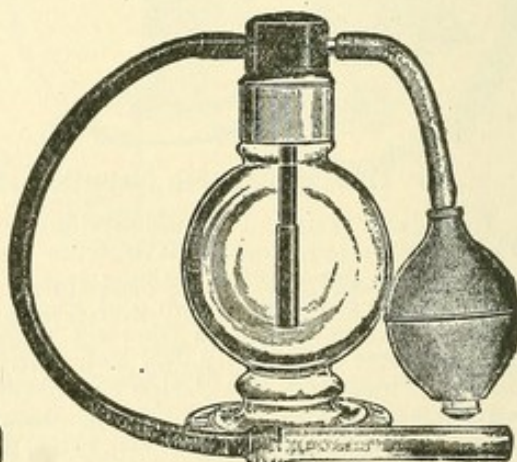
No. 3C Outfit.

**No. 4C. The Standard Bulb Nebulizer.** Beautiful design, strong and well adapted for hand bulb, as shown in illustration or in connection with Compressed Air Receiver.

Price to Patients.....\$2.00  
Price to Physicians .....\$1.50



No. 2C Outfit.



No. 4C Outfit.



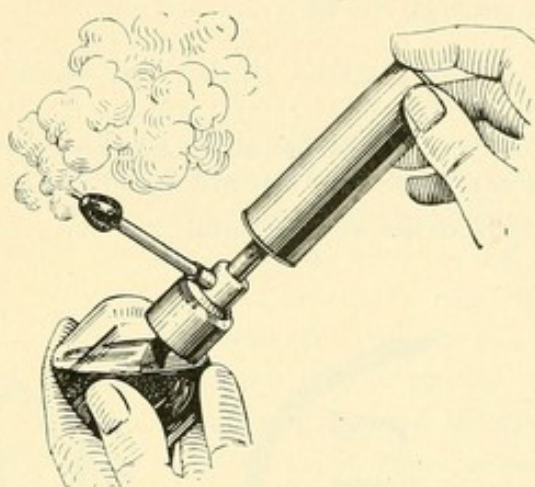
**NEW NEBULIZERS—NEW ATOMIZERS,****WITH NICKEL-PLATED AIR PUMPS—NO BULB.**

Attractive in appearance. Low in price.

All styles of Atomizers and Nebulizers operated by a bulb are continually out of order, especially when oil is used.

These new Robertson styles are durable and work better than any other design.

The Atomizer sprays oil or water equally well. Being a new design it is a ready seller wherever shown.



**The Robertson Patent Nebulizer No. 99.....Price, \$1.00**

**The Robertson Patent Atomizers No. 88..... " 1.00**

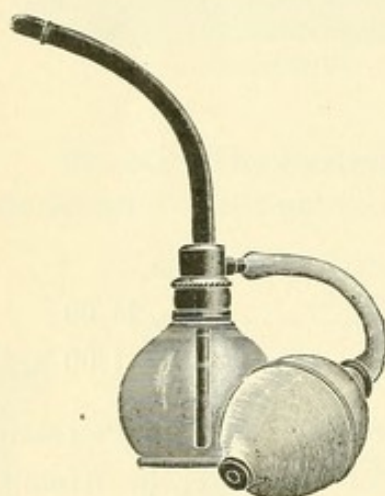
Rubolene for Physicians' Prescription work—a filtered antiseptic Petrolatum combination of ruby color is highly recommended for Nebulizer or Atomizer.

In 4 oz. bottles .....\$0.60

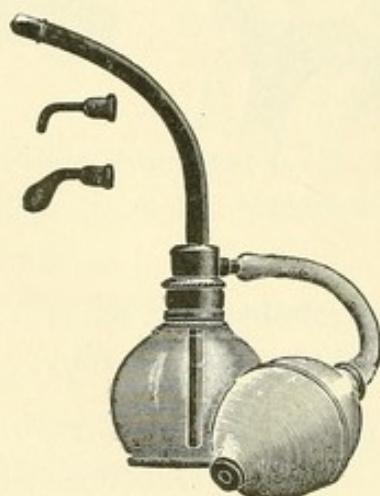


## ATOMIZERS.

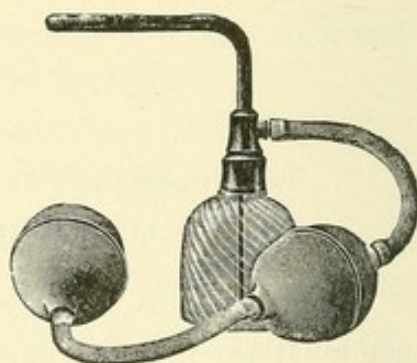
4939*	Model, No. 1, h. r., continuous spray, 1 tip....	to patients, \$1 00; to physicians, \$0 60
4940*	" " 2, " " 3 tips....	" " 1 35; " " 75
4941*	" " 3, " " 3 tips, double bulb.....	to patients, \$2 00
	.....	to physicians, 1 25
4942*	Model, "Water-Oil", for water or oil, 3 tips...	to patients, \$1 35; to physicians, 75
The Model Atomizers are made with heavy hard rubber tubes, and are superior to any hand atomizers on the market. They will spray light oils or aqueous solutions.		
4943*	Favorite, No. 110.....	to patients, \$0 75; to physicians, 60
4944*	Davidson, small, portable, No. 63.....	" " 1 00; " " 80
4945	Pyrozone, McK. & R's.....	1 00
4946	Rumbold's, glass, 8 sizes.....	each, 40
4947	Acid-Oil, glass, for spraying vaseline, oils or ointments, nitrate of silver, peroxide of hydrogen, or any chemical that will not affect glass.....	1 00
4948	Foot Bulb, double, with net, very powerful.....	3 75



4939



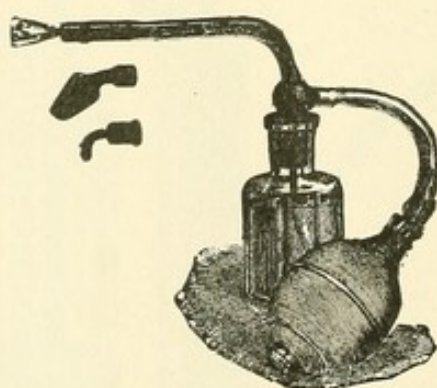
4940



4941



4943



4942



4944

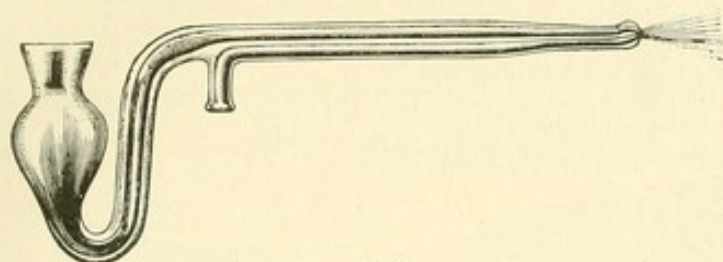
DAVIDSON RUBBER CO.

All instruments designated with a \* are illustrated.



## ALL GLASS ATOMIZERS.

## 4914\* THE COCAINE ATOMIZER.

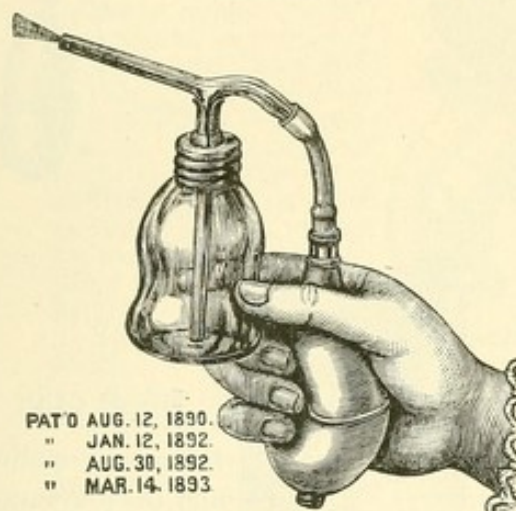


4914

It has many advantages which will be readily observed upon examination. Doctors who are familiar with its utility cheerfully recommend it.

Price, complete, with rubber bulb.....\$1 25

## 4915° No. 1 O. K. ATOMIZER.



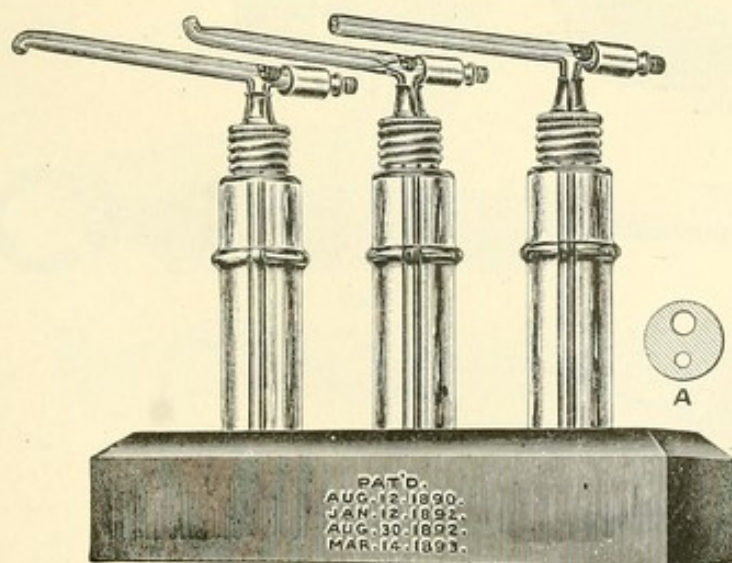
4915

PAT'D AUG. 12, 1890.  
" JAN. 12, 1892.  
" AUG. 30, 1892.  
" MAR. 14, 1893.

The tube being practically one piece of heavy glass, apparently solid, no screw, joint, or sleeve connected with it in any shape, it will be at once perceived that it cannot get out of order. If desired, the tube can be readily removed by simply drawing it from the cap. The tube can also be used by placing it in a test tube or tumbler. It is especially adapted for spraying Peroxide of Hydrogen, Alkalies, Nitrate of Silver, Oil of Vitrol, or any corrosive solution, also Vaseline, Oils or Ointments used in the treatment of inflammation of the throat and nose.

Price, complete, with rubber bulb.....\$1 00

## 4916° THE BOSTON SET OF SPRAY TUBES.



4916

PAT'D.  
AUG. 12, 1890.  
JAN. 12, 1892.  
AUG. 30, 1892.  
MAR. 14, 1893.

These are made of heavy glass, carefully annealed, and sufficiently strong for all purposes. They are not designed to atomize with a pressure more than thirty pounds.

Fig. "A" is a cross-section of the double bore tubing, from which these atomizers are made.

The set consists of three spray tubes, three bottles and caps, with metal attachment to fit cut-off, and a hardwood pedestal to hold the bottles.

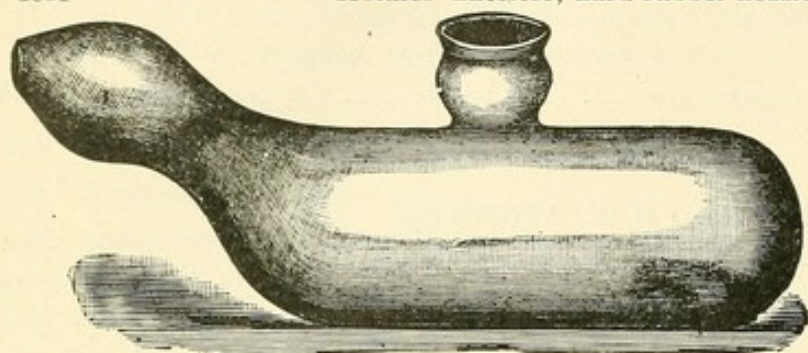
Price, complete.....\$3 00

All instruments designated with a ° are illustrated.

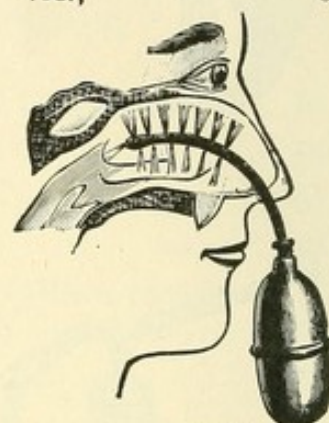


# NASAL INSTRUMENTS.

4842*	Nasal Douche,	Dessar's cup	.....	\$0	50
4843*	"	"	Birmingham's	.....	25
4844*	"	"	No. 10	.....	25
4845	"	"	Syphon	..... to patients, \$1.00; to physicians,	75
4846*	Post Nasal Syringe,	Coover's, with flexible nozzle, which allows it to be bent into any desirable shape. It is also useful as a urethral and uterine syringe.	.....	1	50
4847*	"	"	Holmes' aseptic, with flexible metal nozzle	.....	1 00
4848*	"	"	Holmes', with hard rubber nozzle	.....	75
4849*	Nasal Syringe,	with soft rubber nozzle	..... to patients, 75c.; to physicians,	50	
4850	"	"	Shoemaker's, hard rubber nozzle,	75c.;	60
4851	"	"	Holmes' anterior, hard rubber nozzle,	75c.;	50



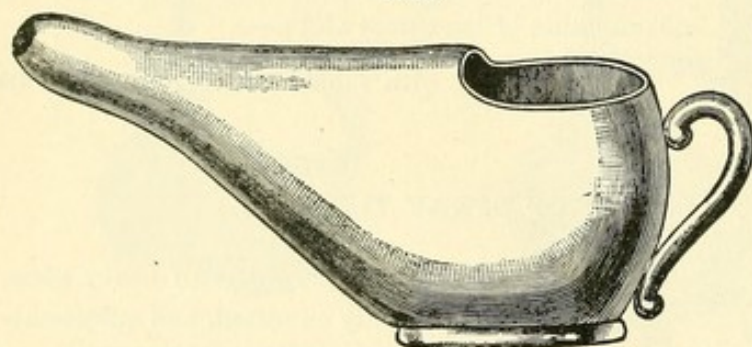
4843



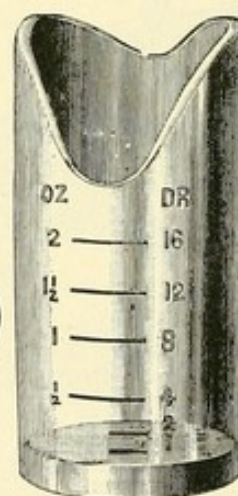
4849



4844



4842

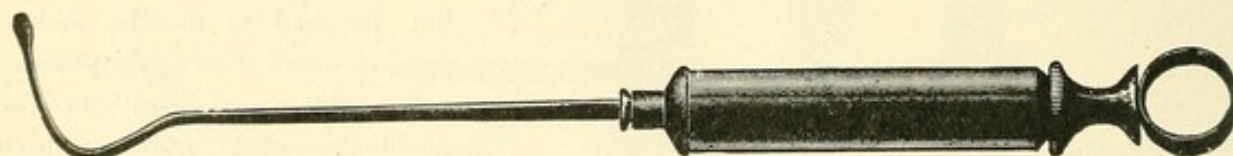


4852

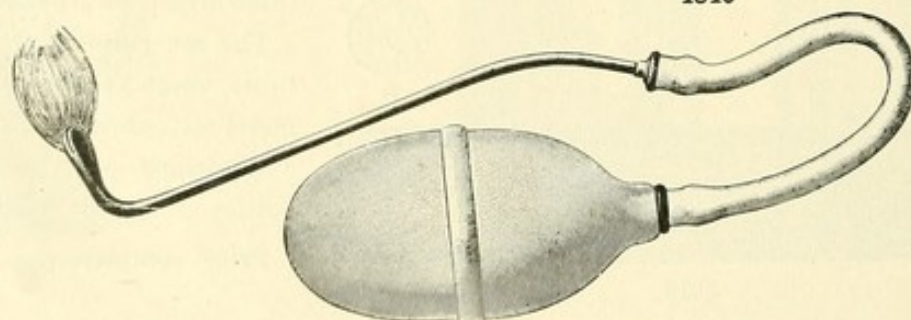
## NOSE CUP.

For nasal irrigation and the prevention of tuberculosis.

Price....25c.



4846



4847-4848

All instruments designated with a \* are illustrated.



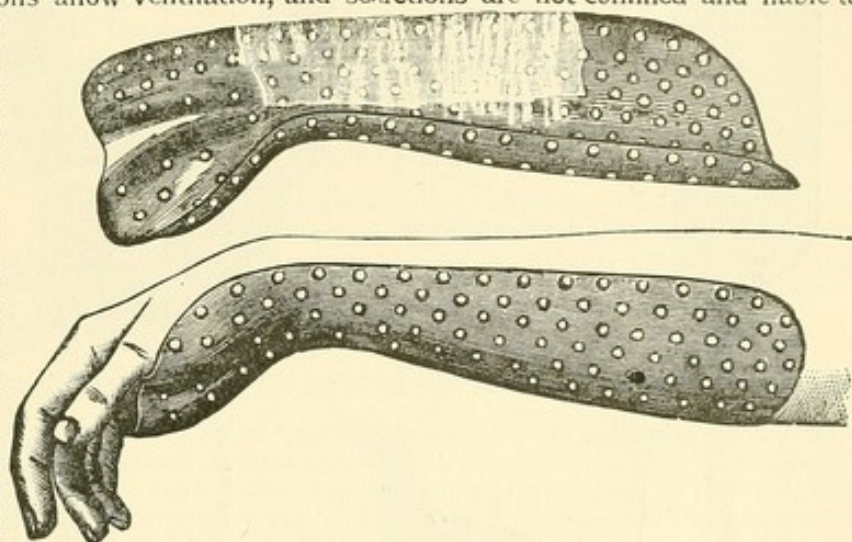
## 2494\* LEVIS' METALLIC SPLINT.

**Flexible, Perforated, Nickel-Plated, Conformable to Every Size and Condition of Limbs, Very Light, Indestructible, and Inexpensive. Designed by R. J. Levis, M. D., Surgeon to the Pennsylvania Hospital, and to the Jefferson College Hospital.**

The copper used in the manufacture of these splints being less than one-eightieth of an inch in thickness, makes them very light and readily conformable, by bending, so as to suit the peculiarities of any limb, and yet the splints, when applied, are as firm as the heaviest wooden appliances. They fit so accurately that but little padding is required. A piece of woven lint, or of cotton or woolen flannel is all that is necessary for their lining. A slight roughness is left on the outside of the splints, by perforations, to prevent the bandage from slipping.

They are nickel-plated to prevent oxidation. They are invaluable when the parts are lacerated, as the perforations allow ventilation, and secretions are not confined and liable to be absorbed, as in every other kind of splints, but readily pass off through the numerous orifices. They do not become offensive, like those made of porous materials.

These splints are cooler, lighter in weight, thinner in material, more correct in shape, and more perfect in fit than any other splints offered to the profession. They are all made in two sizes—one for adults, and one for children—and all, except the radius, fit the same on either the right or left limb.



The following comprise a complete set, and are ample to apply to any fracture that may occur:

1. Radius Splints, right and left, four in each set, for fracture of lower end of radius.

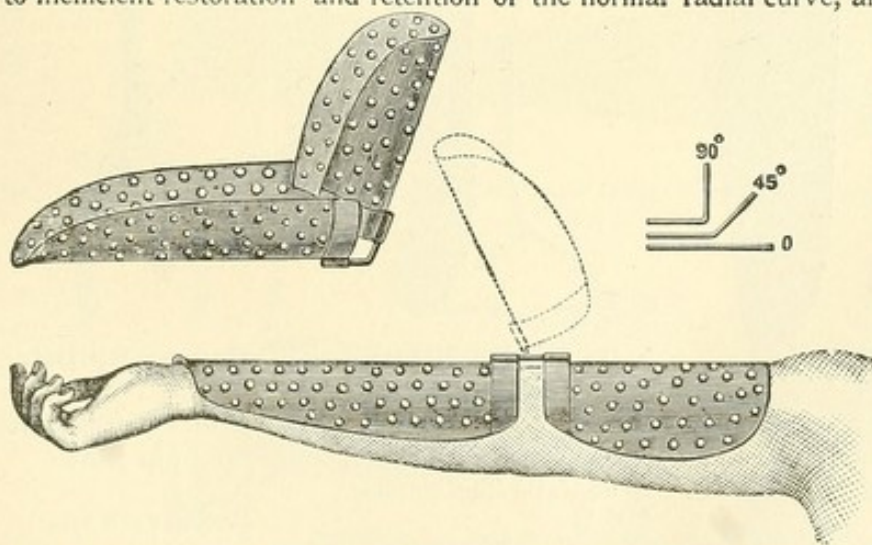
Price, for each piece..... \$1 00

In the treatment of fracture of the lower end of the radius it is essential that proper allowance be made for the curvature of the anterior or palmar surface of this part of the bone. This is insured in this splint, which follows correctly the radial curvature; and the fixing of the thenar and hypothenar eminences of the hand in their moulded beds maintains the splint immovably in its correct position with reference to the radial curve.

To neglect of complete primary reduction of the displacement of the lower fragment, and to inefficient restoration and retention of the normal radial curve, are due the frequent unfortunate sequences of this fracture.

No dorsal splint is needed, but a small pad will, in most cases, be required over the dorsal surface of the lower fragment. For retention of the splint, an ordinary bandage, two inches and a half to three inches wide, is all that is necessary.

This splint has the merits of being applicable to all cases of fracture of the lower end of the radius, and also to many other injuries involving the forearm and wrist.



2. Adjustable Angular Splint. Two in each set. For all fractures of the elbow joint, and of the arm and forearm, excepting those of the lower end of the radius.

Price, each..... \$1 50

This splint can be applied either anteriorly or posteriorly, and is conformable and adjustable to any angle.

The pieces are detachable, and can be used separately.

This splint is also applicable to diseases and to resections of the elbow joint.

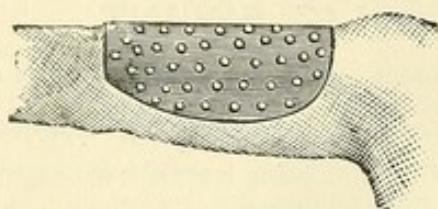


### 3. Humerus Splint.

For Fractures of the Humerus.

Two in each set.

Price, each.....\$0 50

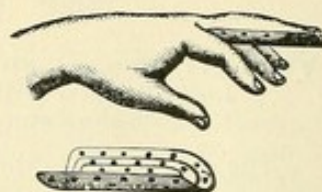


### 4. Phalange Splints

For Fracture of Fingers or Toes

Three in each set.

Price, each piece...\$0 12



### 5. Clavicle Splint.

This splint forms a cap for the shoulder, and can be applied to fractures of the clavicle and humerus

Two in each set.

Price, each..... \$0 75



### 6. Maxilla Splint.

This splint forms a complete cap or covering for the entire chin and lower maxillary bones, and keeps the fractured parts rigidly in the correct position.

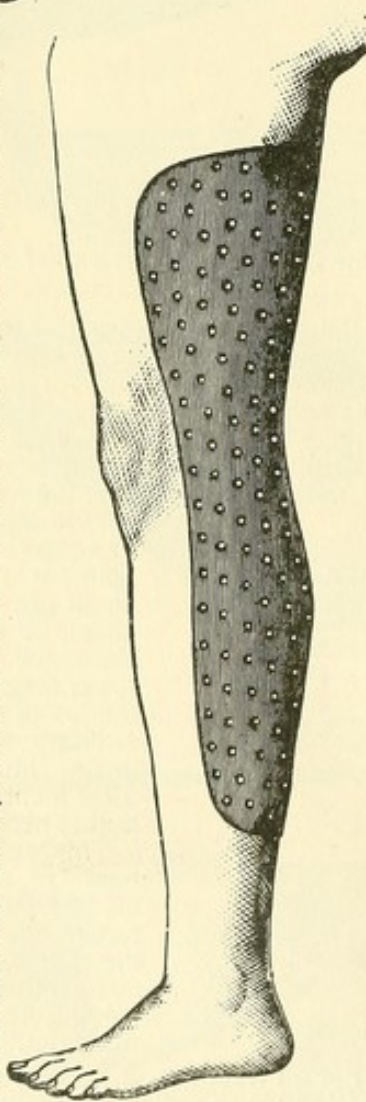
Two in each set.

Price, each.. ..... \$0 75

### 8. Patella Splint.

This splint can be applied to all fractures from middle of femur to middle of tibia and fibula, and is particularly well adapted for fractures of the patella and other fractures occurring near the knee joint, either above or below it.

Two in each set. Price, each.....\$1 00



### 9. Tibia and Fibula Splint.

For all fractures and other injuries of the leg below the knee, and especially adapted for those at or about the ankle joint.

Two in each set.

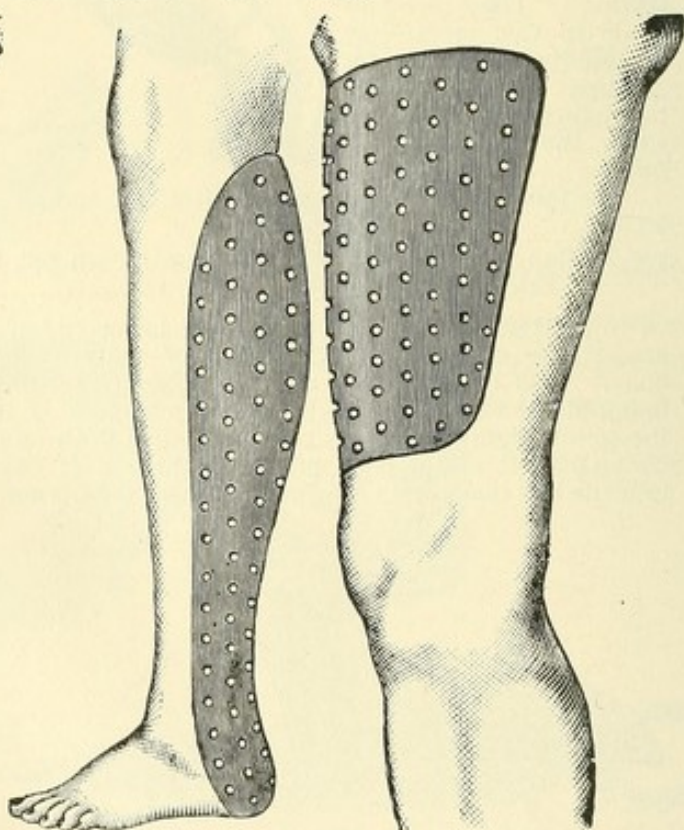
Price, each ..... \$1 00

### 7. Femur Splint.

For fractures of femur, ribs, and hip joint.

Two in each set.

Price, each ..... \$0 50



The complete set consists of the twenty-one pieces just described, in a neat, compact case.  
Price, per set. .... \$15 00

See page 65 for additional sets.

All Instruments designated with a \* are illustrated.



## LEE'S METALLIC SPLINTS.

### Set for Infants.

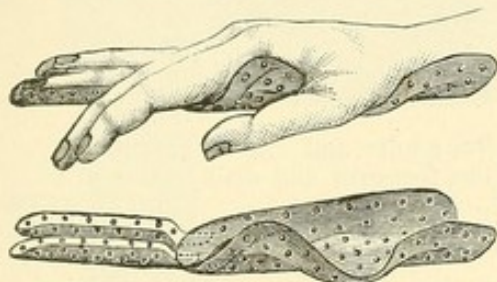
Consisting of eleven pieces, for Infants of three years of age and under. They are made of the same shapes as the foregoing, No. 1 being in Rights and Lefts, while the other shapes fit either limb.

Prices: No. 1, 75 cents each; No. 2, \$1.00 each; No. 3, 25 cents each; No. 4, 10 cents each; No. 5, 50 cents each; No. 6, 50 cents each; No. 7, 25 cents each; No. 8, 75 cents each; No. 9, 75 cents each. All put up in a walnut case .....\$5.00

It is never included in the regular adult and children set, unless so specified. Price of all combined, \$18.00.

### Additional Splints.

11. Dr. H. A. Wilson's Metacarpal Splint, four in each set .....Price, 75 cents for each piece.

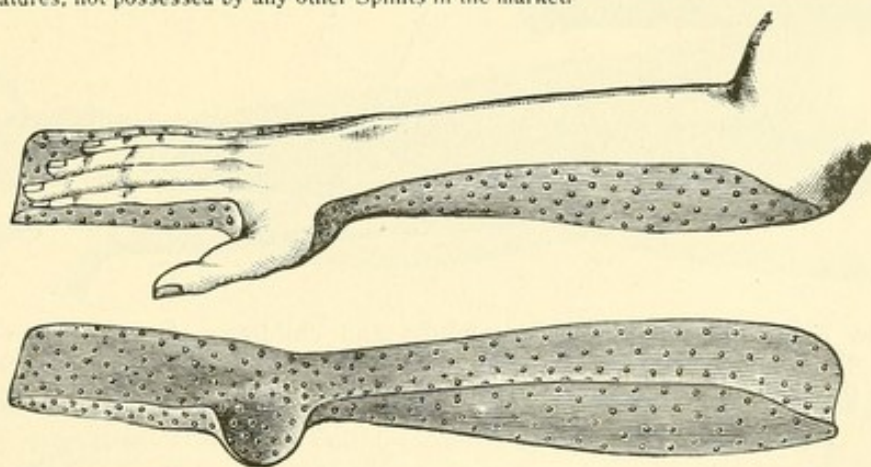


The usefulness of this Splint is fully illustrated in accompanying cut. It is made in Rights and Lefts for adult's and children, of thin, flexible, perforated, and nickel-plated copper, which can be readily moulded to the parts as desired.

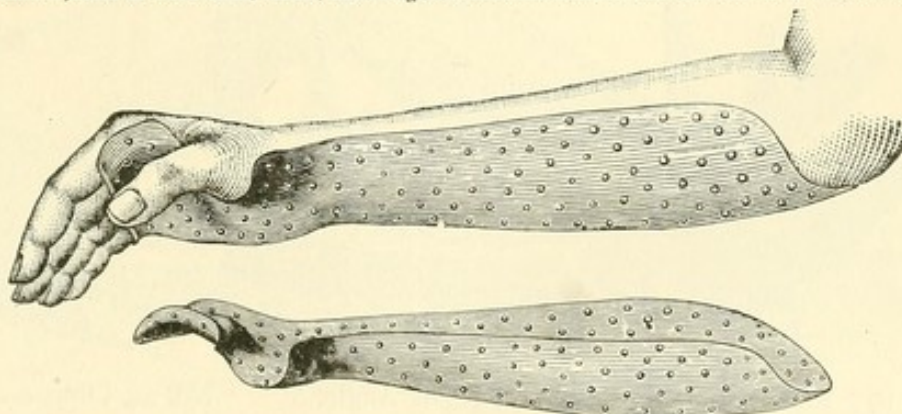
It is made adaptable for the adjustment of Levis' Metallic Splint, No. 4 (Phalanges), so that one or more of which may be used at a time, as the exigencies of the case requires. The injured fingers are given full support in their adjusted position, leaving the sound ones free for limited use, so as to avoid ankylosis.

### New Combined Fore-Arm and Hand Splint.

Made in two forms as shown in the cuts below. These Splints are designed to fill a long-felt want for a Splint that could be universally used for all fractures and injuries of the fore-arm, hand, and fingers. Thus, the bandage can be applied (if necessary) above and below the injury, leaving it open or exposed for treatment. In addition to their "Antiseptic" qualities, our Splints retain the members in their correct and normal position, these are very important and essential features, not possessed by any other Splints in the market.



12. Combined Fore-Arm Splint, Rights and Lefts, adults and children, four in each set. For all fractures and injuries of Fore-Arm, Hand, and Fingers .....Price, each, \$1.00

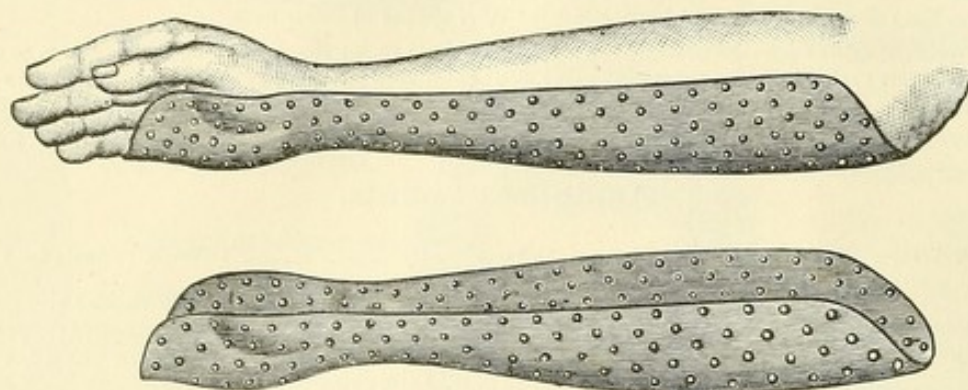


13. Combined Fore-Arm Splint, Improved Bond's Splint, Rights and Lefts, adults and children, four in each set. For all fractures and injuries of Fore-Arm and Hand .....Price, each, \$1.00

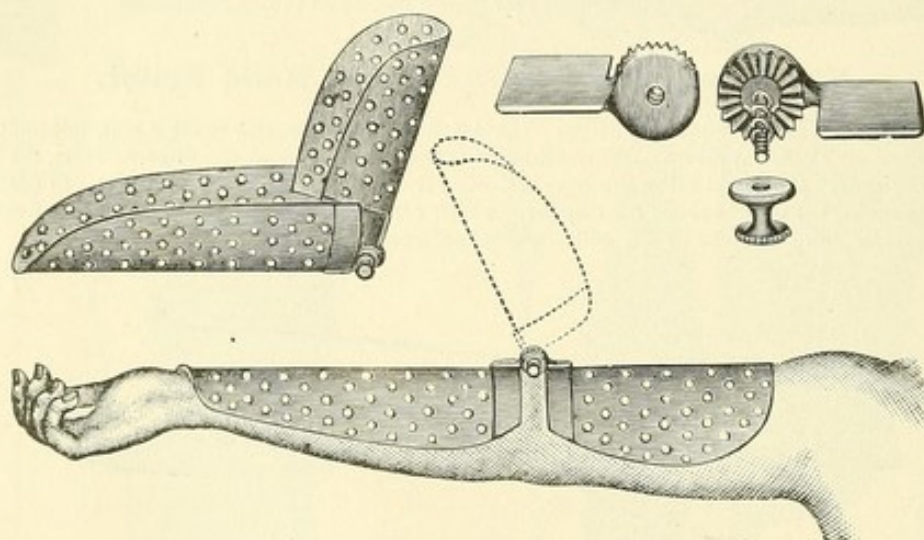


## LEE'S METALLIC SPLINTS.

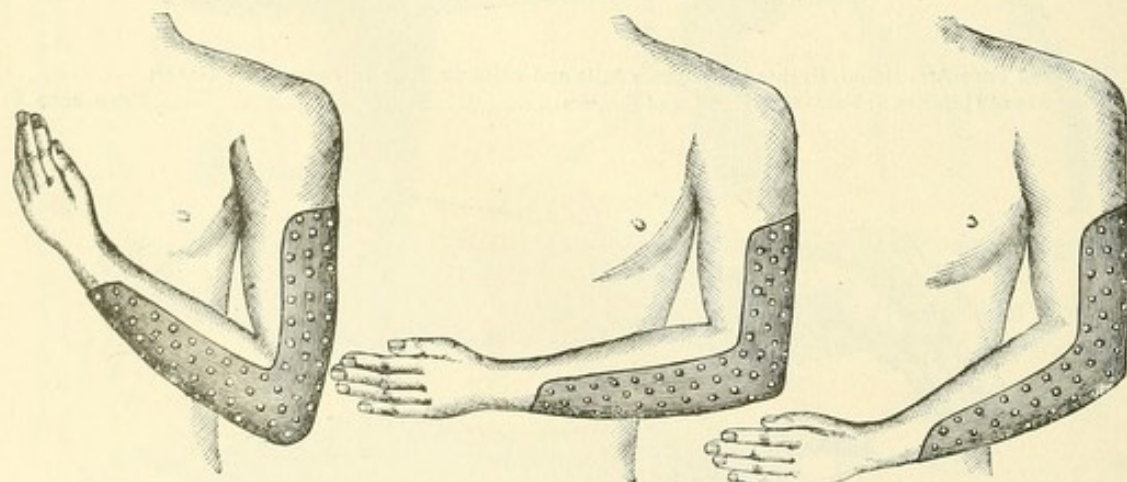
(Patented October 30, 1888).



- No. 18 New ulna or fore-arm splints, rights and lefts, adults and children, four in each set. For fractures and sprains of the fore-arm and dislocations at the wrist joint, price, each .. \$1 00



- No. 22 New adjustable angular splint, adults and children. For fractures of the elbow joint, and of the arm and fore-arm near the joint, two sizes, price, each..... \$1 50



No. 19 \* Acute Angle.

No. 20, Right Angle.

No. 21, Obtuse Angle.

- For all fractures and other injuries at the elbow, two in each set, adults and children, price, each..... \$1 00



## LEE'S METALLIC SPLINTS

### No. 14 \* Anterior Tibia Splint.

Can be used separately or in combination with No. 9.

Price, adults and children, each.....\$1 00

### No. 16 \* External Ankle Splint.

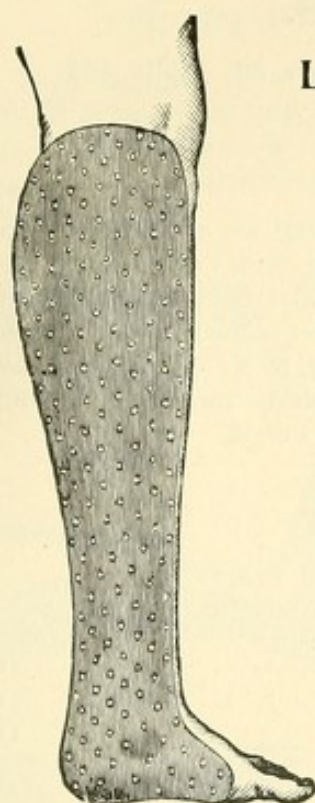
Rights and lefts (four in all).

Price, adults and children, each.....\$1 00

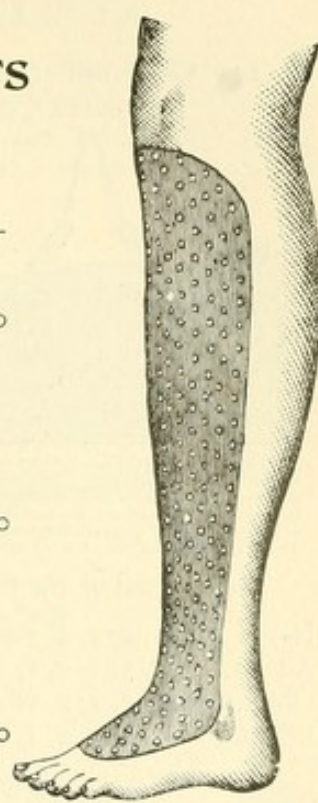
### No. 17 Internal Ankle Splint.

Rights and lefts (four in all).

Price, adults and children, each.....\$1 00

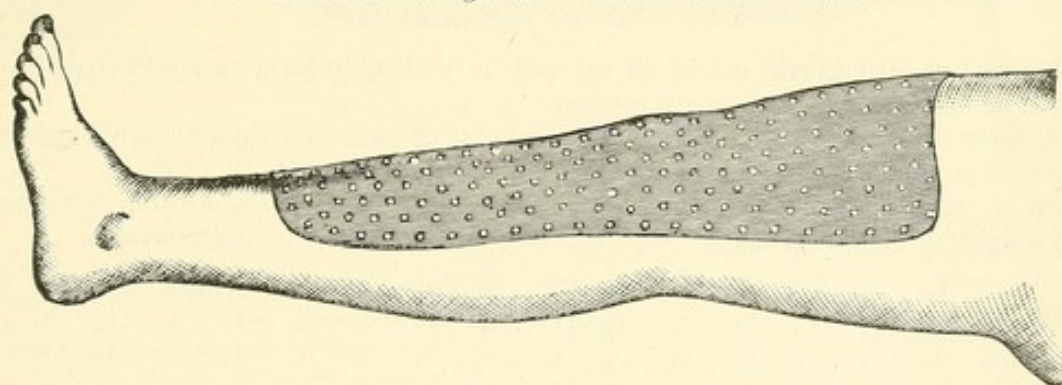


No. 16



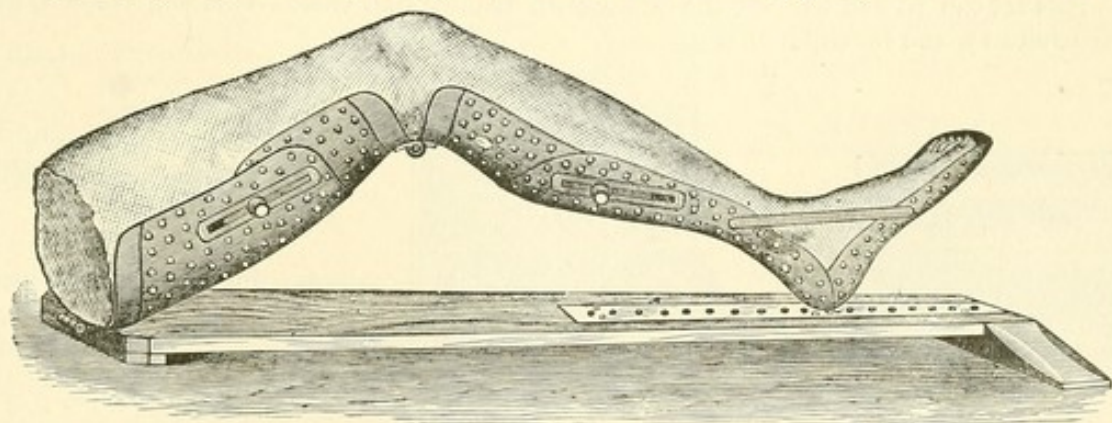
No. 14

All Instruments designated with a \* are illustrated.



### No. 15 \* Anterior Patella Splint.

Can be used in fractures from middle of femur to middle of tibia and fibula, separately or in conjunction with No. 8 Splint. Adults and children, price, each .....\$1 00



### No. 23 Double Inclined Plane Splint.

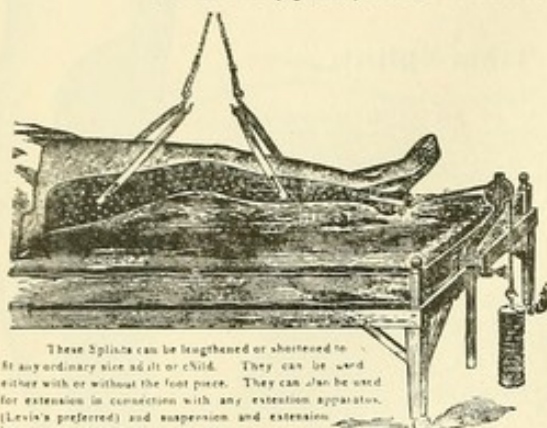
Adults and children (two in each set), price, each ..... \$5 00

These splints can be lengthened or shortened to fit any ordinary sized adult or child very quickly and easily, and any desired angle can be obtained at the knee joint.



## LEE'S METALLIC SPLINTS.

No. 24. Combined extension and suspension splint, two in each set, adults and children's, price, each ..... \$5 00



These Splints can be lengthened or shortened to fit any ordinary size adult or child. They can be used either with or without the foot piece. They can also be used for extension in connection with any extension apparatus. (Levis's preferred) and suspension and extension can both be applied at the same time if necessary.

A full and complete set of all the herein described splints consists of seventy-five pieces, 31 for adults, 31 for children, and 13 for infants. They are packed in a neat cherry case, 38 inches long, by 13 inches wide, by 13 inches deep, outside measurement, and weighs, packed, 42 pounds.

They consist of the following sizes and numbers:

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total
Adults,	2	1	1	2	1	1	1	1	1	0	2	2	2	1	1	2	2	2	1	1	1	1	1	1	31
Children's,	2	1	1	2	1	1	1	1	1	0	2	2	2	1	1	2	2	2	1	1	1	1	1	1	31
Infants,	2	1	1	2	1	1	1	1	1	2															13

Total, 75

Price, for above 75 pieces, in case, \$60.00.

### Lee's Set of Forty Pieces.

This set has been chosen out of all the various kinds with great care and consideration, and will be found applicable to every fracture.

The forty pieces consists of 15 pieces for adults, 14 pieces for children, and 11 pieces for infants, all put up in a neat, cherry case, with nickel-plated handle.

Size of case, 18 inches long, by 9 inches wide, by 9 inches deep, outside measurement. Total weight, packed, 14 pounds. This set comprises the following assortment:

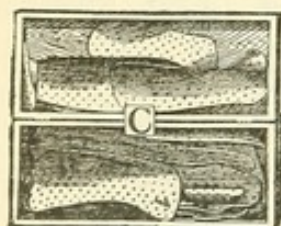
No.	1	2	3	4	5	6	7	8	9	13	14	15	18	20	22	Total
Adults,	0	0	1	2	0	1	1	1	1	2	1	1	2	1	1	15
Children's,	0	0	1	2	0	0	1	1	1	2	1	1	2	1	1	14
Infants,	2	1	1	2	1	1	1	1	1	0	0	0	0	0	0	11

Total in set, 40

Price, complete in case as above, \$25.00.

This set can be had without the infant set if wanted that way. This will leave 29 pieces (for adults 15, and for children 14).

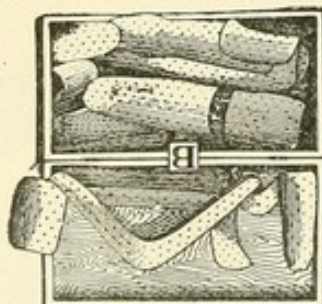
Price, for set without infants, \$20.00.



Levis' Set of 21 Pieces,  
in cherry case.

Price.....\$15 00

See page 61



Levis' Set of 40 Pieces, in  
cherry case.

Price.....\$25 00

### Koehler's Adaptable Splint Material.

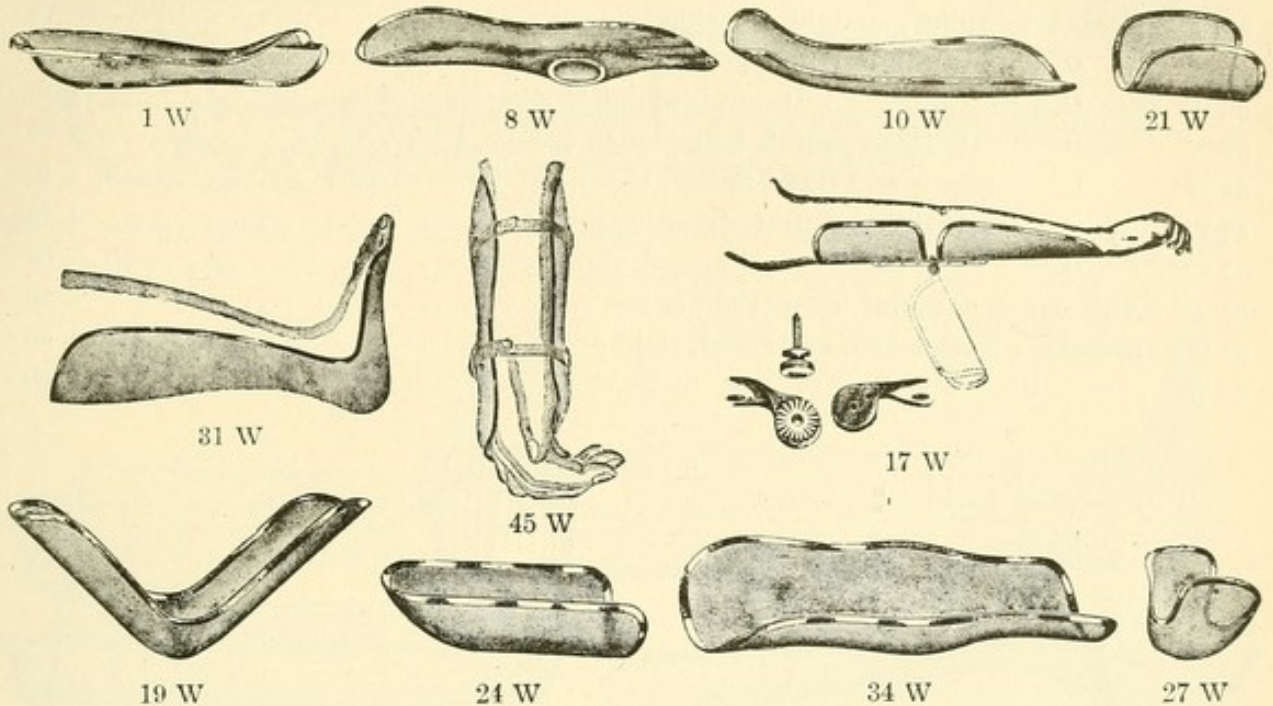
In sheets 20 x 30 inches.

Price, \$2 00



## DE PUY'S ADJUSTABLE WIRE SPLINTS.

They are made of wire cloth especially manufactured for these Splints. There is no material so admirably adapted to the manufacture of Surgical Splints as wire cloth. They are easily sterilized without injury, cool, ventilated, all septic matter can be run off, easily adjusted, outside surface rough so bandage cannot slip, are a few of the many arguments in their favor.



1 W* Radius, adult, right.....	\$1 00	25 W Shoulder, child's.....	50
2 W " " left.....	1 00	26 W " infant's.....	25
3 W " children's, right.....	75	27 W* Maxilla, adult.....	50
4 W " " left.....	75	28 W " infant.....	15
5 W " infant's, right.....	25	29 W Tibia and Fibula, adult, anterior.....	1 00
6 W " " left.....	25	30 W " " children's, anterior.....	75
7 W Fore-Arm and Hand, adult, right.....	1 00	31 W* " " adult, posterior.....	1 00
8 W* " " " left.....	1 00	32 W " " children's, posterior.....	75
9 W Fore-Arm, adult, posterior, right.....	1 00	33 W " " infant, posterior.....	25
10 W* " " " left.....	1 00	34 W* Patella, adult, anterior, right.....	1 00
11 W " children's, posterior, right.....	75	35 W " children's, anterior, right.....	75
12 W " " " left.....	75	36 W " adult, posterior, right.....	1 00
13 W Ulna, adult, right.....	1 00	36 W " " left.....	1 00
14 W " " left.....	1 00	37 W " children's, posterior, right.....	75
15 W " children's, right.....	75	37 W " " left.....	75
16 W " " left.....	75	38 W " infant, posterior, right.....	25
17 W* Elbow, adult, angular.....	1 50	39 W Femur, adult.....	75
18 W " children's, angular.....	1 25	40 W " children's.....	50
19 W* " adult, posterior.....	1 00	41 W " infant.....	25
20 W " children's, posterior.....	75	42 W Elbow, infant, posterior.....	50
21 W* Humerus, adult.....	50	43 W Fore-Arm and Hand, child's, right.....	75
22 W " children's.....	35	44 W " " " left.....	75
23 W " infant.....	15	45 W* Colles Fracture, large.....	2 00
24 W* Shoulder, adult.....	75	46 W " " small.....	1 50

For the convenience of the surgeon we put these Splints in the following sets, packed in canvas telescope cases:

**Set No. 1.**—Forty-five pieces, as follows, one each Nos. 1 W, 2 W, 3 W, 4 W, 5 W, 6 W, 7 W, 8 W, 43 W, 44 W, 9 W, 10 W, 11 W, 12 W, 13 W, 14 W, 15 W, 16 W, 17 W, 18 W, 19 W, 20 W, 21 W, 22 W, 23 W, 24 W, 25 W, 26 W, 27 W, 28 W, 29 W, 30 W, 31 W, 32 W, 33 W, 34 W, 35 W, 36 R-W, 36 L-W, 37 R-W, 37 L-W, 38 W, 39 W, 40 W, 41 W. Price.....\$20 00

**Set No. 2.**—Twenty-six pieces, as follows, one each Nos. 1 W, 2 W, 3 W, 4 W, 7 W, 8 W, 43 W, 44 W, 19 W, 20 W, 21 W, 22 W, 24 W, 25 W, 27 W, 29 W, 31 W, 32 W, 36 R-W, 36 L-W, 37 R-W, 37 L-W, 39 W, 40 W, 49 W, 50 W. Price.....15 00

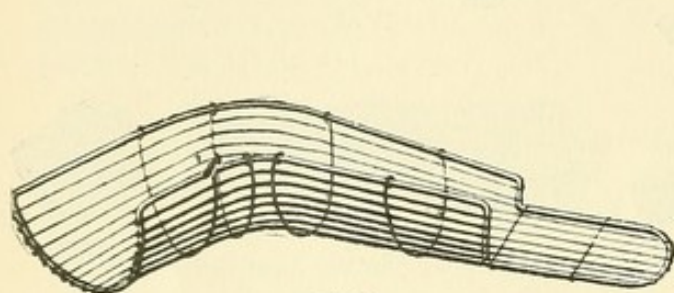
All instruments designated with a \* are illustrated.



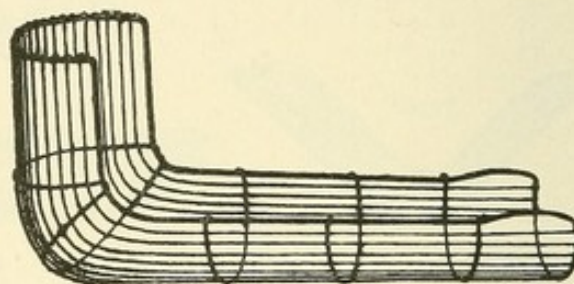
## WIRE SPLINTS.

These splints are made of netted iron wire which is tinned, protecting them from rust and can be readily sterilized. The meshes permit of complete ventilation, escape of discharges and the application of medicaments.

50 W*	<b>Fore-Arm Splint</b> , straight, for either side.....	\$0 75
51 W*	“ <b>and Elbow Splint</b> , either right or left .....	each, 1 00
52 W	“ “ “ “ with joint opening right or left.....	“ 1 10
53 W	“ <b>Hand Splint</b> , for either side .....	75
54 W*	“ <b>Elbow and Hand Splint</b> , either right or left .....	each, 1 10
55 W	“ <b>and Elbow Splint</b> , for either side....	1 00
56 W*	“ “ “ “ hinged, right or left .....	each, 1 50
57 W*	<b>Anterior Arm Splint</b> , either right or left .....	“ 1 50
58 W*	<b>Splint for Entire Arm and Hand</b> , right or left.....	“ 1 50
59 W*	“ “ “ “ “ with elbow joint fitting either side .....	2 00



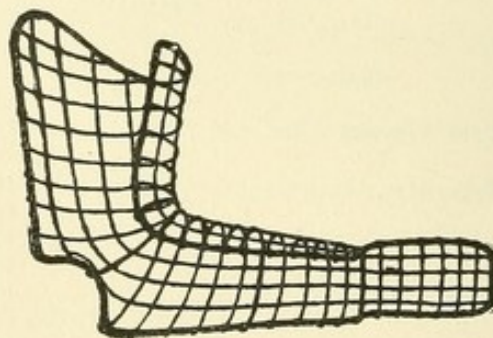
54 W



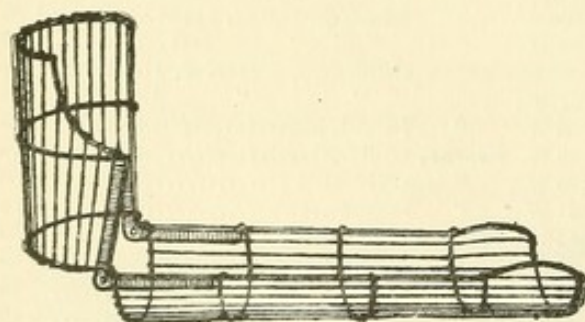
51 W



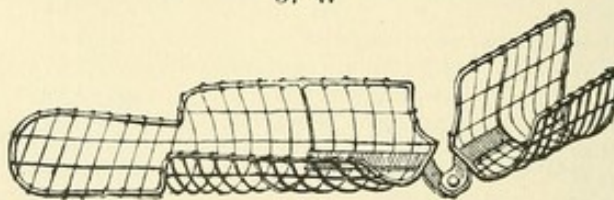
50 W



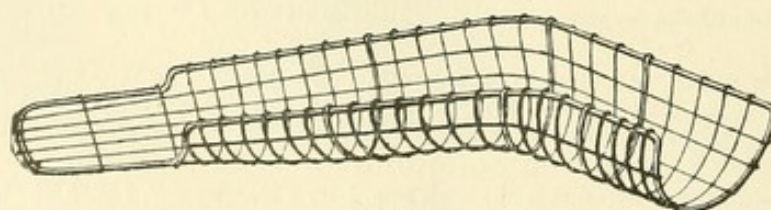
57 W



56 W



59 W

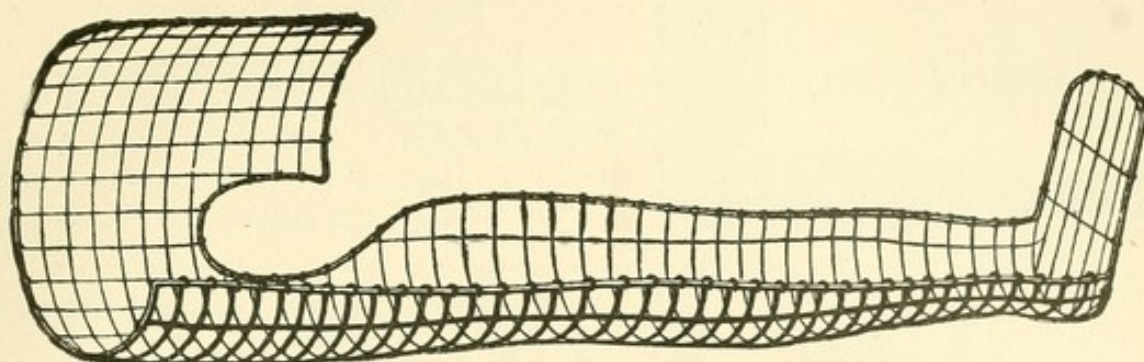


58 W

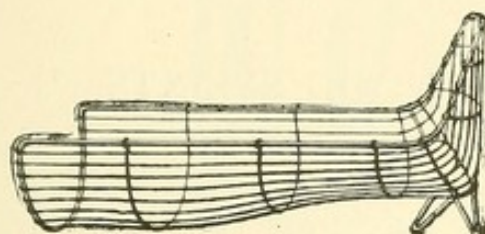
All instruments designated with a \* are illustrated.



## WIRE SPLINTS.

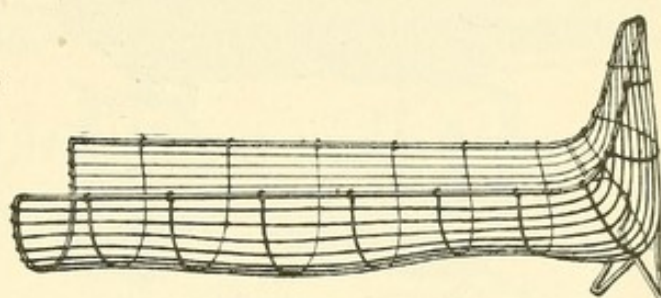


- 60 W Wire splint for the entire leg and posterior part of pelvis, either right or left, each.....\$5 75



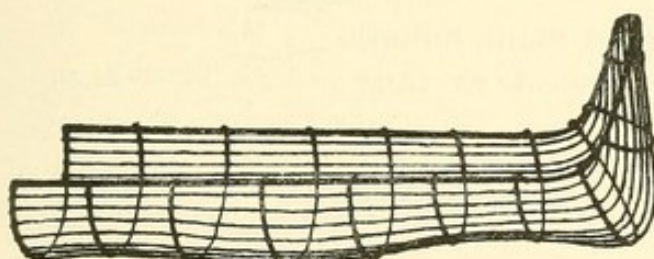
- 61 W Splint for leg below knee, with heel support, fitting either side.

Price each.....\$1 50



- 62 W Splint for leg and thigh, with heel support, fitting either side.

Price each.....\$1 75



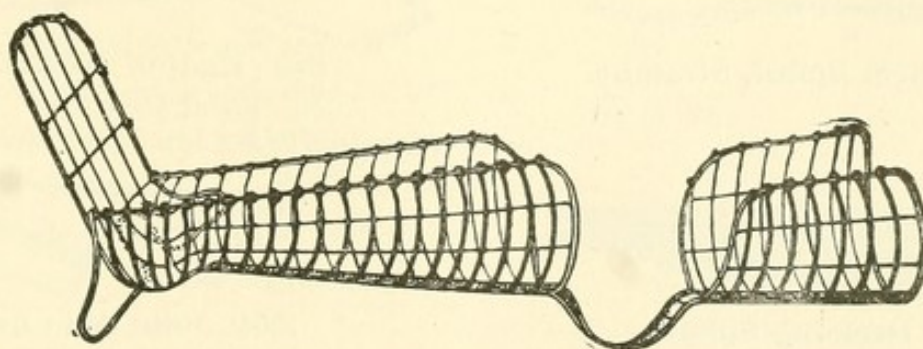
- 63 W Splint for leg and thigh, fitting either side.

Price each.....\$1 50



- 64 W Posterior knee splint, slightly curved, fitting either side.

Price each.....75c.



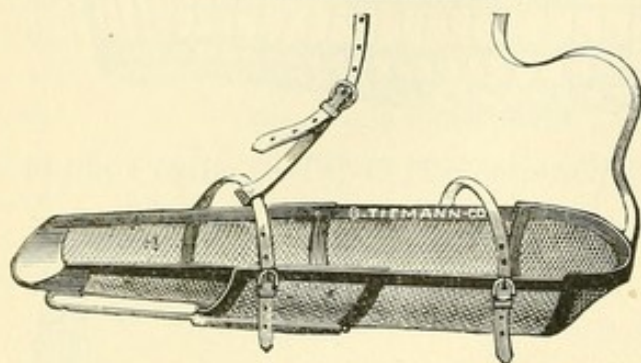
- 65 W Posterior leg and thigh splint, for resection of the knee joint, fitting either side. Price each.....\$3 50



**SPLINTS.****2496 Wire Splints.**

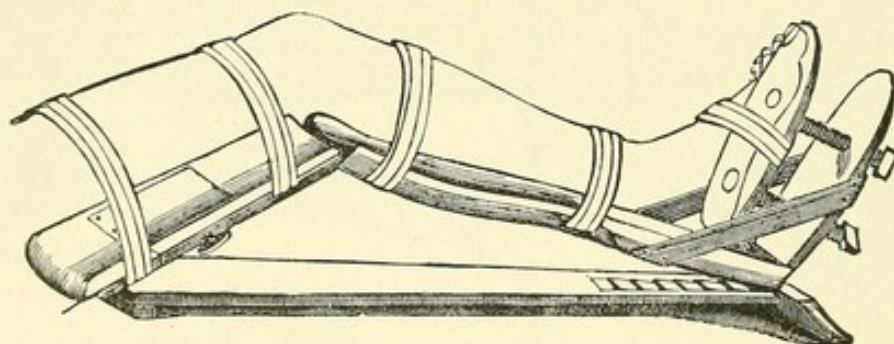
Light, clean, and adaptable.

For the forearm.....	\$3 00
“ the entire arm .....	4 00
“ “ leg.....	6 50
“ “ leg below knee .....	4 00

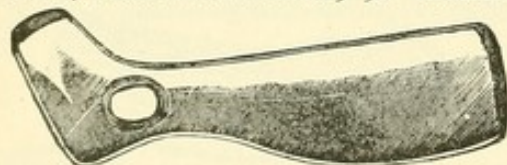
**2497 Improved Wire Arm Sling,**

With sliding extension splint for the hand, to facilitate passive motion of the wrist, without removing the support.

Price.....\$4 00

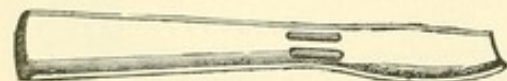
**PRATT'S (LATE DAY'S) CARVED WOOD SPLINTS.****2498 Double Inclined Plane Splints.**

Price, small .....\$3 50 Medium.....\$4 00 Large.....\$4 50

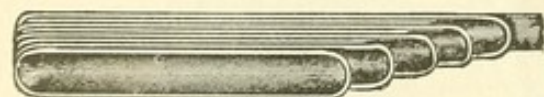
**2499 Ankle Splints.**

Rights and lefts.

Four sizes, each... 70c. to \$1 00

**2501 Forearm Splint, Straight.**

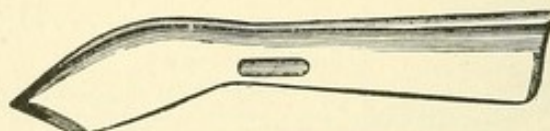
Six sizes ..... 50c. to 75c.

**2503 Dressing Splints.**

Per set of five..... 50c.

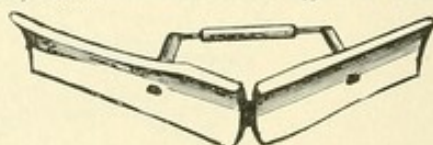
**2500 Patella Splint.**

Four sizes.....70c. to \$1 00

**2502 Radius Splints.**

Rights and lefts

Four sizes, each..... 45c. to 60c

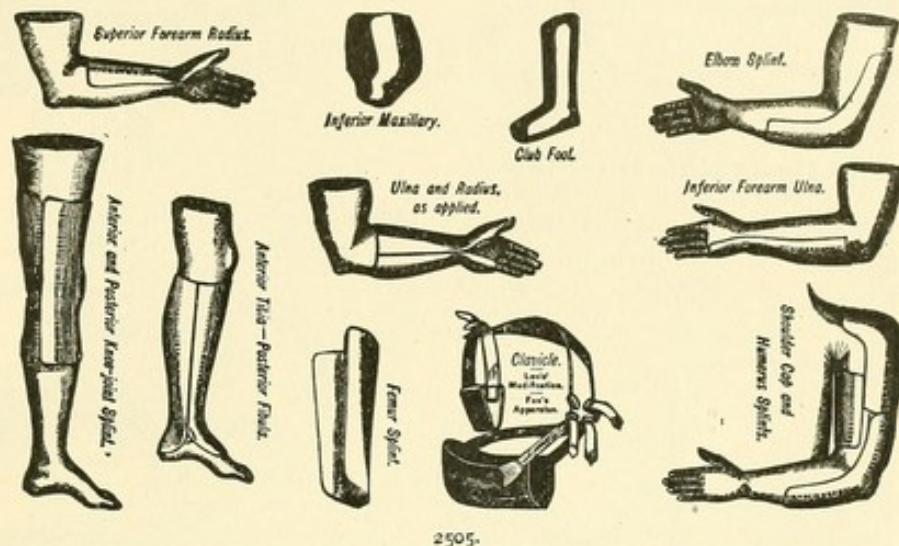
**2504 Joint Arm Splint, with Screw.**

Three sizes.....\$1 50, \$1 70, \$1 85

We carry all other styles of splints in stock.



## JOHNSTONE'S IMPROVED ADAPTABLE POROUS FELT SPLINTS.

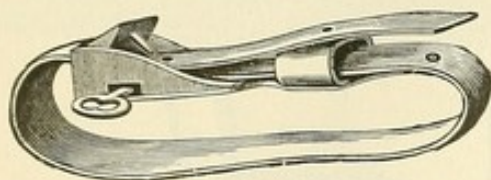


	Adult	Child.
1. Inferior maxillary .....	\$0 75	\$0 50
2. Clavicle .....	75	65
3. Shoulder cap .....	75	65
4. Humeral .....	50	50
5. Elbow, right and left.....	each, 75	50
6. Radi " .....	" 75	50
7. Ulnar, " .....	" 75	50
8. Femoral. ....	75	50
9. Knee joint, anterior, right and left .....	each, 1 00	75
10. Knee joint, posterior, " .....	" 1 00	75
11. Tibial, anterior, " .....	" 1 00	75
12. Fibula, posterior, " .....	" 1 00	75
13. Straight piece, for fingers and toes .....	" 50	
14. Club-foot (mention age), right and left .....	"	75
15. Levis' palmar, right and left.....	" 75	75
16. Levis' dorsal.....	75	75
17. Right angle elbow, anterior, right and left .....	each, 2 00	
18. Right angle, posterior, right and left .....	" 2 00	
19. Obtuse angle, anterior, " .....	" 2 00	
20. Obtuse angle, posterior, " .....	" 2 00	
36. Femur perineal and hip support, right and left .....	" 3 00	

These splints are  
not made in chil-  
dren's sizes.



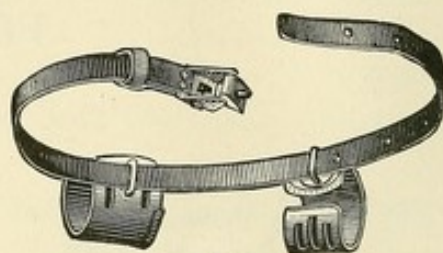
## RESTRAINTS FOR THE HUMANE CARE OF THE VIOLENT INSANE.



2479.

### The Lynch Restraint Buckle.

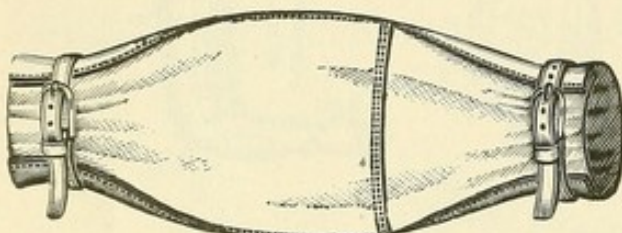
Price, with waist strap of best Russet  
belting.....\$2 50  
Buckle alone..... 2 00



2480.

### Wristlets.

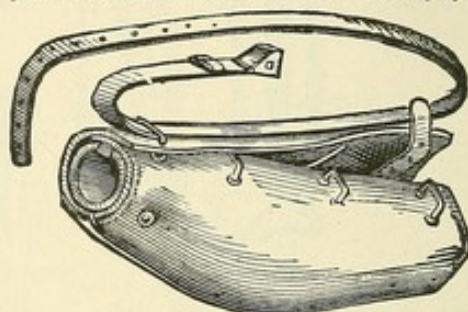
Price, complete, with waist strap and  
patent lock buckle.....\$5 50



2481.

### Canvass Muff.

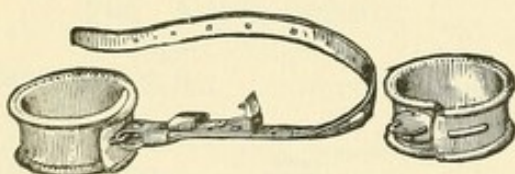
Price, complete, with waist strap and  
buckle.....\$5 00



2482.

### The Lynch Muff.

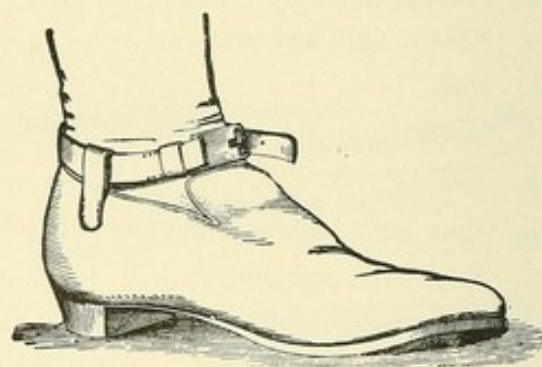
Made of heavy leather.  
Price, with waist strap and  
patent lock buckle.....\$8 00



2483.

### Anklets.

Price, complete.....\$6 00



2484.

### Slipper showing buckle attached.

Price, with straps and loops,  
ready to attach to slipper, each...\$1 00  
Buckle alone..... " 75

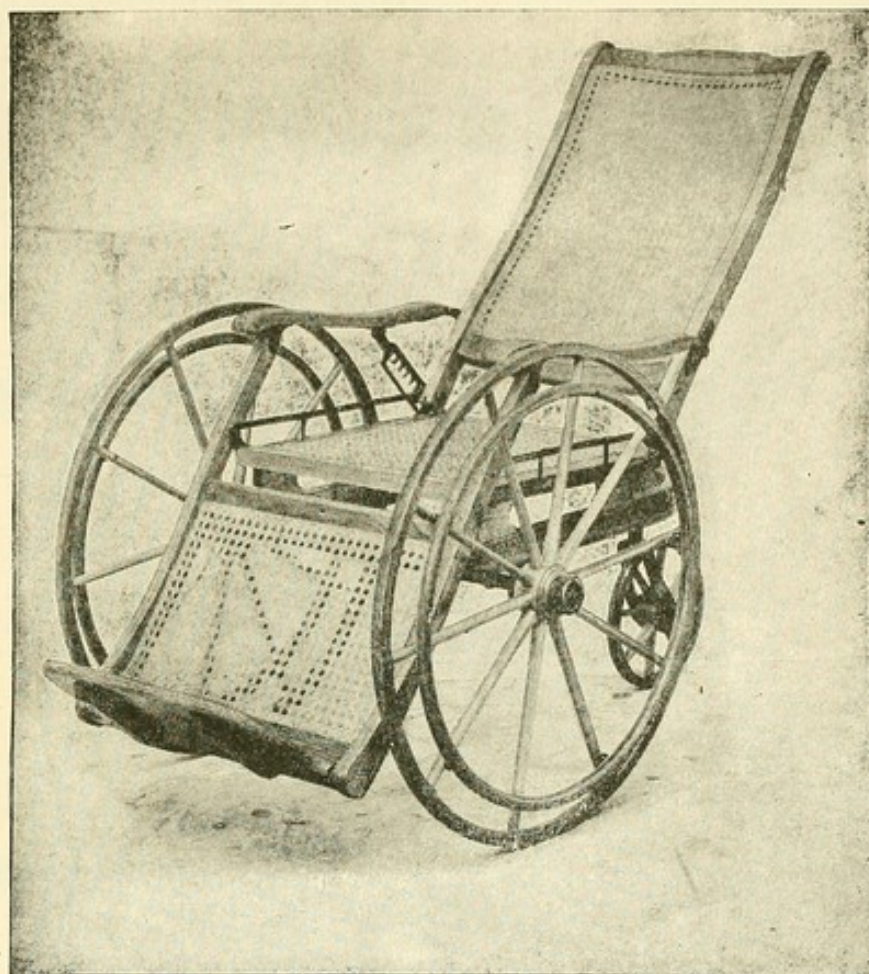
### Straight Jackets for Idiots, etc.

Price ..... \$10 00 to \$15 00

We have unsurpassed facilities for manufacturing as well as repairing, at short notice, anything in our line.



## ADJUSTABLE ROLLING CHAIR.



269

The above illustrated invalid chair is by far the best selling chair on the market, and can be used for more cases than any one chair that we have. It is constructed thoroughly, and affords great comfort for the patient. It can be adjusted from an upright position to an extreme reclining position, which are obtained by a ratchet at joint of the seat and back. The chair is made of light, but very durable material, which feature renders it very easily operated by the patient. Its superiority to the many other makes now on the market can be noted in its perfect fit to the human body, shape, curves and proportions.

The chair is made in two widths, to go through wide and narrow doors.

## DIMENSIONS, No. 269.

	Wide.		Wide.
Height of back from seat.....	28 or 32 in.	Width of seat .....	19 in.
Height of seat from floor.....	19 3/4 "	Diameter of large wheels.....	28 "
Height of seat from foot-rest.....	17 "	Diameter of small wheel.....	10 "
Height of arms from seat.....	9 1/2 "	Width over all.....	29 "
Depth of seat.....	19 "		

The above can be furnished in child's size, price same as adults.  
Unless order specifies we will send 32 inch back.

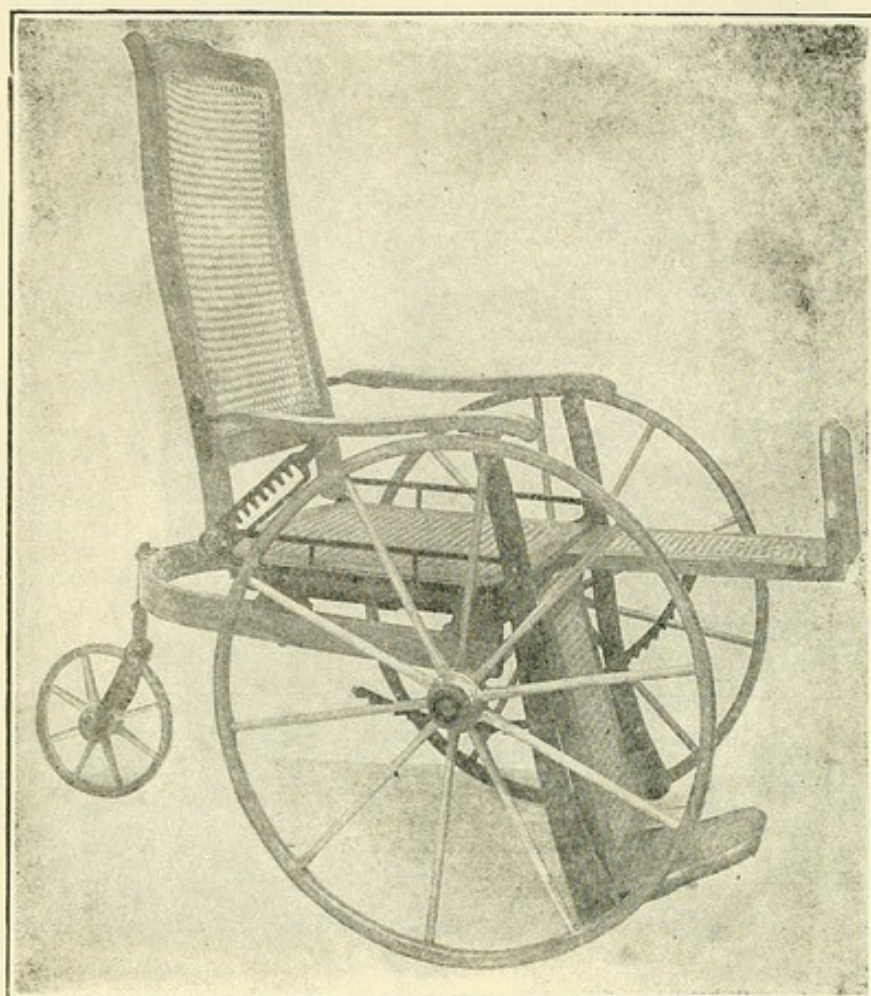
## PRICES.

Oak, caned.....	\$21 00	Divided independent adjustable leg-rest	6 00
With cushion tire wheels.....	32 00	Commode.....	7 00
With pneumatic tire wheels.....	36 00	Stationary handle.....	1 00
<b>EXTRAS.</b>		Adjustable handle.....	4 00
Springs.....	\$2 50	Sateen canopy.....	2 00
Independent adjustable leg-rest.....	4 00	Satin canopy.....	3 00
		Ball bearings.....	5 00

The above chair can, if desired, be supplied with springs, which feature makes it very desirable for nervous and irritable patients, at an additional cost of \$2.50.



## ADJUSTABLE ROLLING CHAIR.



269 D. L. R.

The above illustration shows the divided independent leg rest chair, and differs from the previously described chair in that the leg rest is divided into two sections, both capable of being raised and lowered independently of one another at any desired angle. The sections can also be lengthened according to length of limb of the patient. This latter feature makes it particularly desirable for large patients.

Springs, as well as the other devices, can be attached to this chair, if desired.

Price. Oak, caned, with hand rims.....\$27 00

With cushion tires..... 38 00

The above chair can be fitted with a single leg rest, which can also be raised and lowered independently of the back.

Price. Oak, caned, with hand rims.....\$25 00

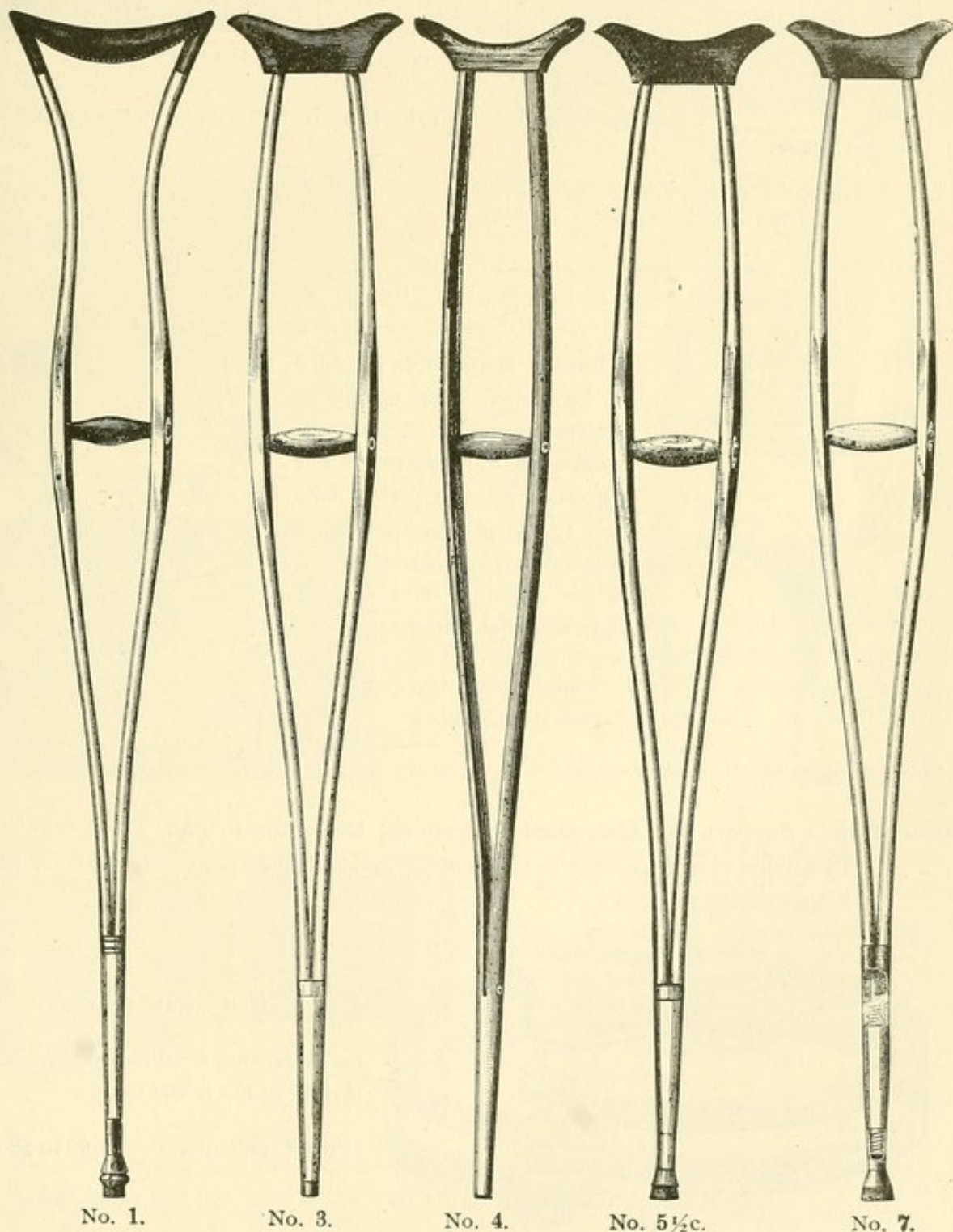
With cushion tires..... 36 00

The above chairs are also made in children's sizes. Prices same as adults.



## CRUTCHES AND INVALID FURNITURE.

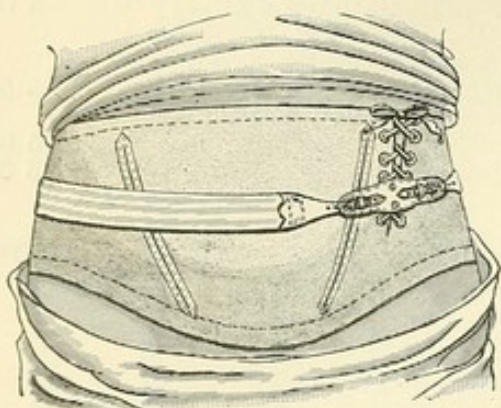
No. 1*	Rock-maple, elastic spring top, with Fig. 21 bottom	per pair, \$ 8 00
" 1	Rosewood, " " " " " 21	" 10 00
" 3*	Rock-maple, leather padded top, with plain ferruled bottom	" 3 00
" 4*	Split maple, wood top, plain	" 1 50
" 5c.	Rock-maple, leather padded top, with Fig. 35 bottom	" 4 00
" 5½c.*	Ebonized (black), leather padded top, with Fig. 35 bottom	" 5 00
" 7*	Rock-maple, " " " " " 35	"
	This crutch has an extension bottom, which can be replaced by a longer or shorter plug (Fig. 43) to suit the height	" 5 50
" 8	Malacca, (bamboo) light and strong, with rose-wood top and hand-piece and Fig. 21 bottom, with extension	" 15 00
" 8½	Malacca, same as No. 8, with spring, velvet padded tops	" 15 00



All Instruments designated with a \* are illustrated.



## FLOATING KIDNEY, LAPAROTOMY AND APPENDICITIS BELTS.

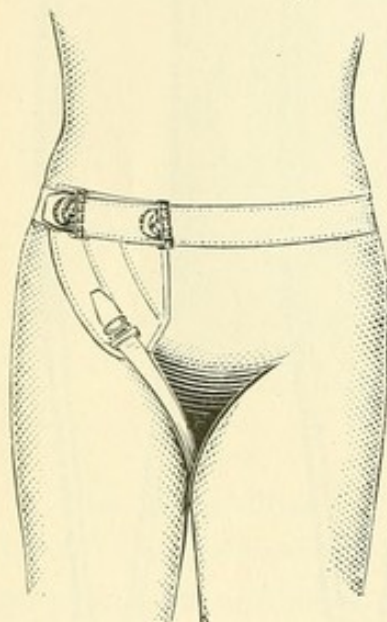


2466a

### 2466a **Wocher's Floating Kidney Supporter.**

All silk elastic, to lace in the back, with double welt and having sectional lacing on side of front requiring support. Through these laces the kidney pad is adjusted. A light steel spring or special elastic web gives pressure on the pad as shown.

Price to patients.....\$15 00 to \$20 00

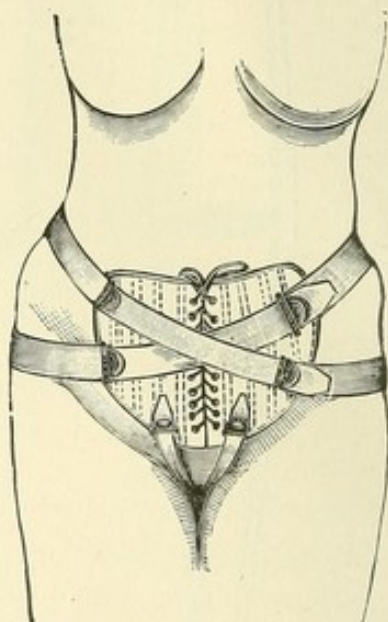


2466b

2466b

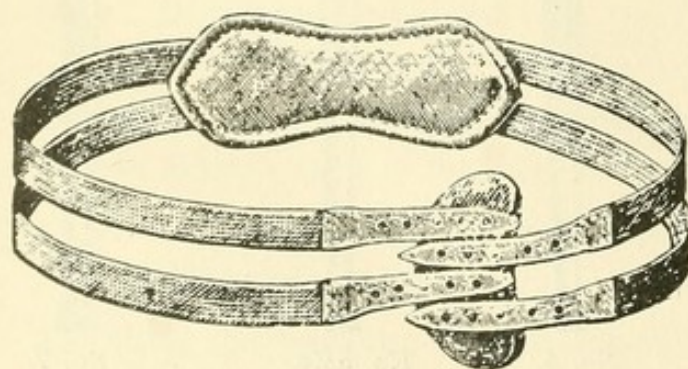
**Peak's Support** is intended to be worn after operations for **hernia, appendicitis and weakness of muscles.** The appliance gives a perfect support to the parts without pressure and prevents ventral hernia. When ordering state whether right or left side is wanted.

Price to patients. ...\$2 50



2466c

**2466c Peak's Support for Abdominal Operations, Laparotomy, etc.** Gives support without pressure. Price to patients.....\$2 50



2466d

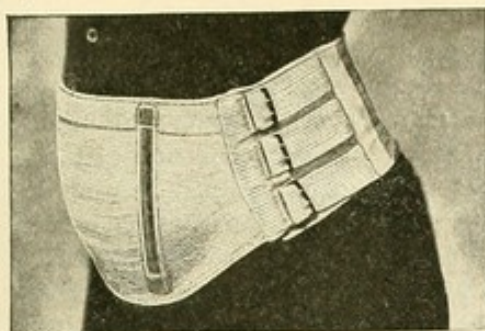
### 2466d **Kidney Truss**

for supporting floating kidney. State if right or left is wanted.

Price to patients.....\$5 00 to \$8 00



## ABDOMINAL SUPPORTERS.

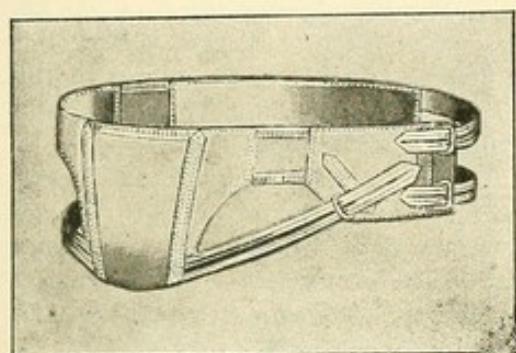


1

### No. 1. SILK ELASTIC SUPPORTER.

This supporter is made of fine silk texture, with whalebone stays in front, side and back, to prevent wrinkling. Its perfect anatomical shape is a guarantee of its fitting admirably, and is not liable to get out of place. On account of its elasticity and softness it is the most comfortable supporter made. This supporter is useful before and after confinement for those affected with falling of the womb, and for corpulency or weakness in the abdominal regions in ladies and gentlemen.

Price, heavy silk elastic.....to patients, \$10 00; to physicians, \$7 00  
 " fine " " ..... " 7 00; " 5 00

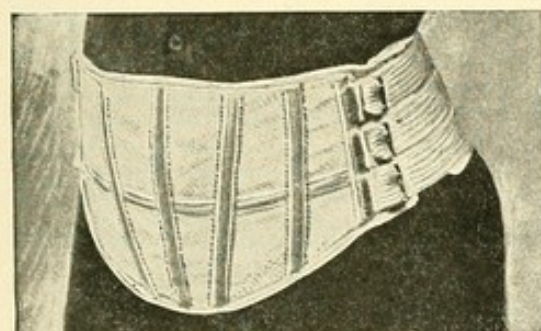


2

### No. 2. PARKER'S SILK ELASTIC LIFT-UP SUPPORTER.

Made of silk elastic with fine steel-colored sateen. The side straps afford a lifting support.

Price, best grade.....to patients, \$4 50  
 " " " ..... to physicians, 3 25  
 " second grade ..... to patients, 3 00  
 " " " .....to physicians, 2 25

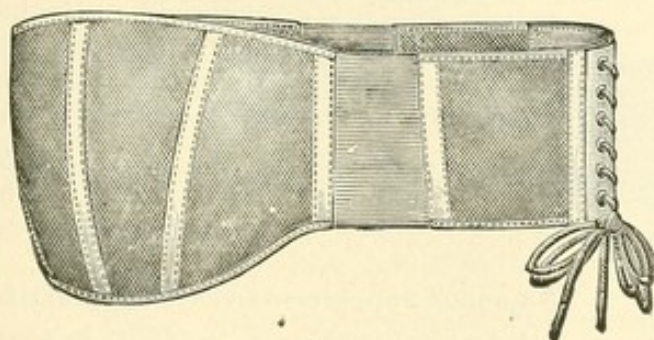


3

### No. 3. FEATHER WEIGHT ABDOMINAL SUPPORTER.

This supporter is designed for ladies desiring a light, thin support; also excellent for gentlemen for summer wear. Made of strong, open mesh material with elastic side straps.

Price .....to patients, \$3.00; to physicians, \$2.25



4a

### No. 4a. ELASTIC SIDES, DEIMEL MESH LACE SUPPORTER.

A light pliable support, especially designed for Summer wear after operation or general abdominal support.

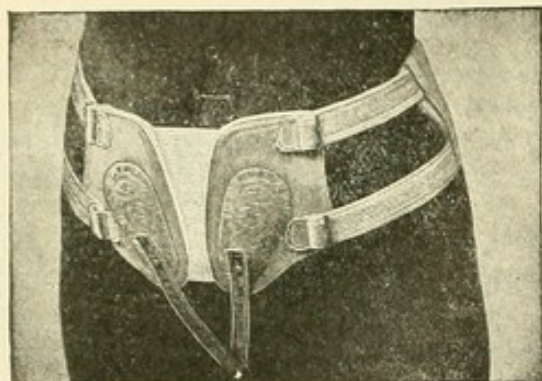
This supporter is now furnished with eyelets front and back for attaching rubber perineal straps.

Price to patients..... \$3 00  
 " " physicians..... 2.25

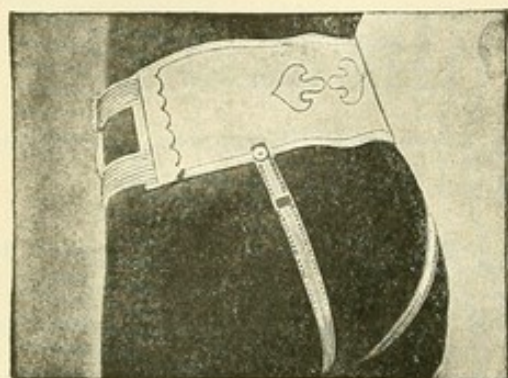
All the above prices are for stock sizes, including 40 inches. All specials and larger sizes are made to order and an additional charge is made.



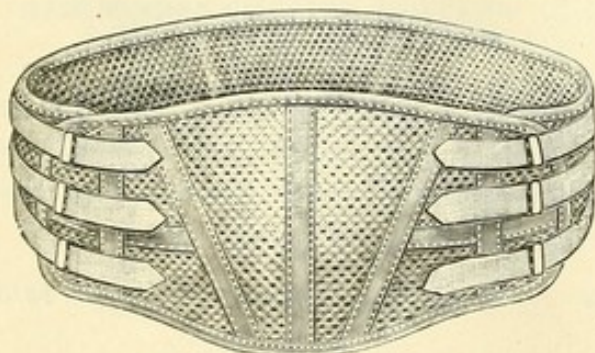
## ABDOMINAL SUPPORTERS.



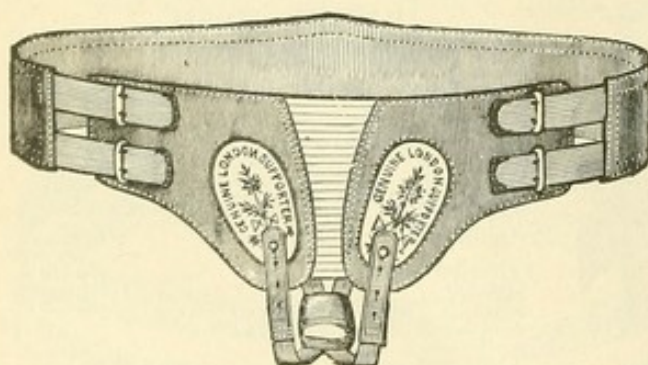
5 (Front View.)



5 (Back View.)



7.



8

**5 Eaton Improved Supporter.** For abdominal section, appendicitis, and general abdominal support. Since placing this Supporter on the market it has met with unprecedented success, and we can now give the assurance, by the continually increasing demand, that its excellent qualities have been fully proved. It is made on the plan of the regular London Supporter, but is considerably deeper in the front and has a wider back pad. The side elastic straps are wider apart than in the latter, allowing one to be passed above and one below the hips, thereby giving the support lower down, where it is most needed. It is useful *after operation for appendicitis and abdominal section*. On account of the flexible metal padded plates in the front it gives excellent support, especially to freshly-healed wounds.

A support of durable quality, and heavy enough for warmth, should be worn for one to two years, until the muscular tissues are thoroughly united; neglect of this has caused many ruptures. Made in two qualities, fine calfskin and sheepskin.

### 5 Eaton's Calfskin Supporter.

To patients .....	\$5 00
To physicians .....	3 00

### 6 Eaton's Sheepskin Supporter.

To patients .....	3 00
To physicians .....	2 25

The sheepskin pattern does not retain its shape as well as calf.

**7 Deimel Linen Mesh Supporter.** Especially designed for summer wear or for hot climate. It is non-irritant, pliable and porous, and by virtue of the peculiar structure of the linen mesh, readily absorbs moisture.

Price to patients .....	\$2 50
" physicians .....	1 50

### 8 London Supporter. Made in two qualities.

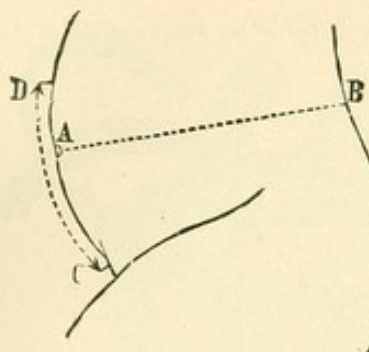
Price to patients .....	\$2 00 to \$3 00
" physicians .....	1 25 " 2 00

All of the above prices are for stock sizes including 40 inches. All special and larger sizes are made to order and an additional charge is made.



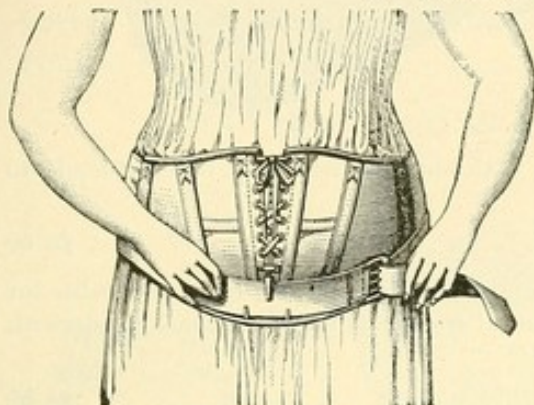
**TEUFEL'S UNIVERSAL ABDOMINAL SUPPORTERS.**

Giving Support without Pressure, for use in Pregnancy, Corpulency, and all Abdominal Complaints.

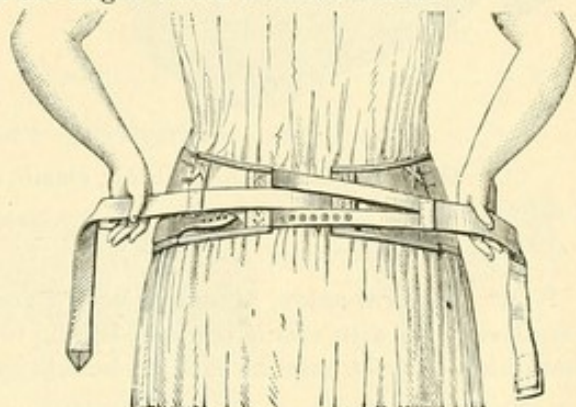


The dotted lines in the cut represent where the measurement should be taken, viz.: The circumference should be taken between the crests of ilia and trochanters major over the chemise and over the fullness of the abdomen (A to B). This is sufficient to ensure the receipt of a well-fitting comfortable supporter for persons of ordinary size.

For exceptionally corpulent persons, the width of bandage from pubes upward from C to D is necessary. This can be best taken while the patient is in a sitting position; care should however be taken not to get the bandage too wide, otherwise the pressure upon the region of the stomach and downward upon the thighs would be inconvenient.



System I. Front view.



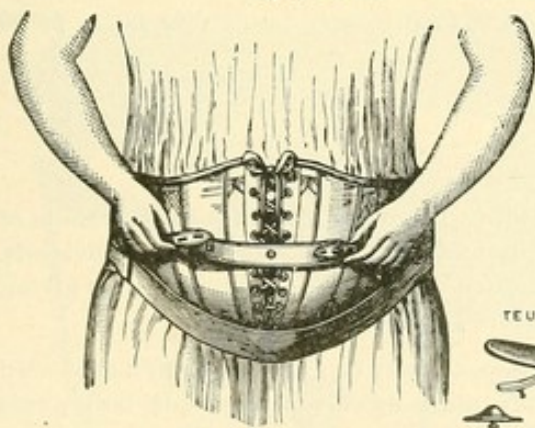
System I. Back view.

Since the introduction of the "TEUFEL ABDOMINAL SUPPORTERS and ABDOMINAL BANDAGES," they have met with the unqualified indorsement of all the leading Physicians.

The construction of these bandages and supporters are anatomically correct, and in variety of styles and in their superior workmanship are at present the finest in the market.

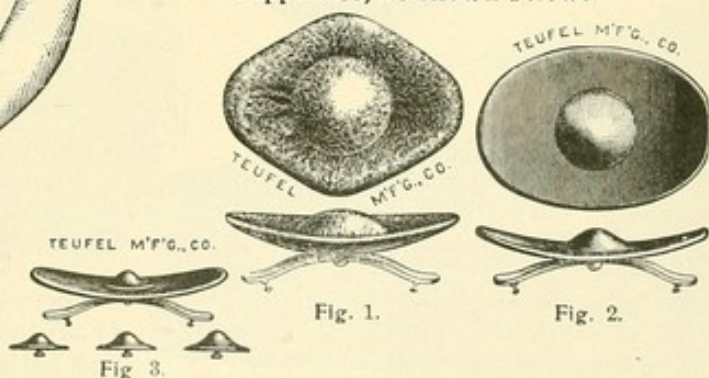
They are made in silver-gray lasting with gray elastic sides and front strap.

System I. Price, from 28 to 40 inches circumference.....\$7 00  
For a 42 inch Supporter add 30c.; 44 inch, 60c.; 46 inch, \$1 00; 48 inch, \$1 50; 50 inch, 2 00

**System V.\* Teufel's Umbilical Hernia Supporter.**

System V.

Three varieties of pads are made for these Supporters, as shown below.



System V. Price of Supporters, without pad, from 28 to 40 inches circumference.....\$8 80  
For each 2 inch additional, add 30 cts.

Fig. 1. Fine velvet covered, oval shaped, concaved, with apex center..... 2 00

Fig. 2. Thin, highly polished, hard rubber, slightly arched plate, with apex center. Size 6x4 inches..... 2 50

Fig. 3. Thin, highly polished, hard rubber, oval, slightly arched plate, with movable apex, made in a series of three sizes as shown in figure and secured to plate by screw; size of plate 7x5 inches and 6x4 inches. The hard rubber pads have the advantage of being extremely light, thin, and unobservable when in position, are not affected by perspiration, are easily kept clean, and do not chafe..... 4 00

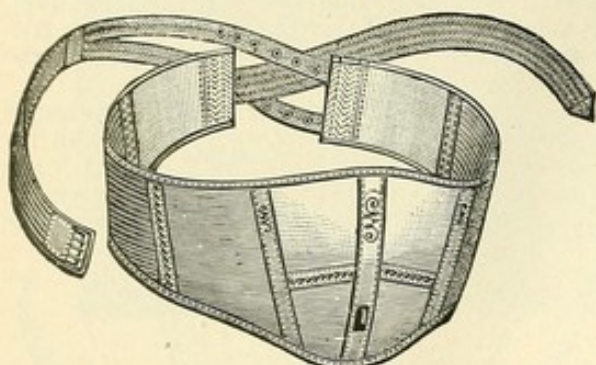
Made of same material as the regular abdominal supporter described above with any of the pads as shown.

System VI. For Floating Kidney, similar to System V, with Kidney pad in addition.....\$8 00 to \$10 00

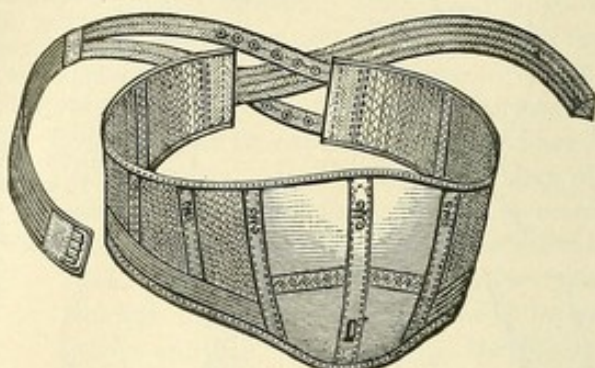


## TEUFEL'S SIMPLIFIED ABDOMINAL BELTS, ETC.

These are made of plainer material, and are not quite as durable as the regular style described on the preceding page.



21



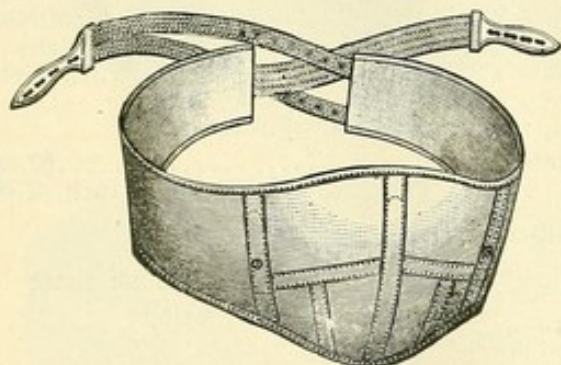
50

21\* **Gray Lasting**, white lining, elastic bands with buttons and eyelet holes at back, to buckle in front.

Price, to patients.....\$3 00

50\* **Natural color, strong tricot** (a very soft and pliable material, most agreeable for sensitive hips) with elastic binding, lasting insertions at front and back. Elastic bands with buttons and eyelet holes at back, to buckle in front.

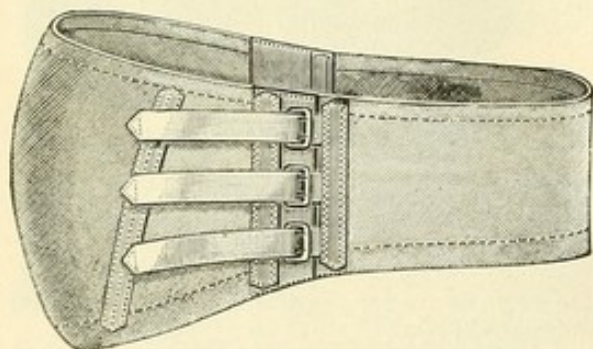
Price, to patients.....\$4 50



220

220\* **Flannel Belts**, for protection against chill and to maintain warmth over the abdomen, with button and eyelet holes at back of bands, the free ends of the latter button to the sides of the supporter.

Price, to patients.....\$2 00 to \$3 00



2467 f

2467f **Favorite Obesity Belt**. Made of strong moleskin cloth, that yields sufficiently to assist shaping to the abdomen, thus giving comfort as well as safety.

These Obesity or Corpulency Belts are used to advantage by corpulent people, both gents and ladies, to reduce corpulency and give shape to a pendulous or relaxed abdomen; it does for the abdomen what the corset does for the body, but more fully and in a safer

manner, as the compression it gives the abdomen is healthy.

The use of these belts reduces your size and leaves no room for surplus fat to accumulate; they are provided with strong elastic side straps, and fitted with stays.

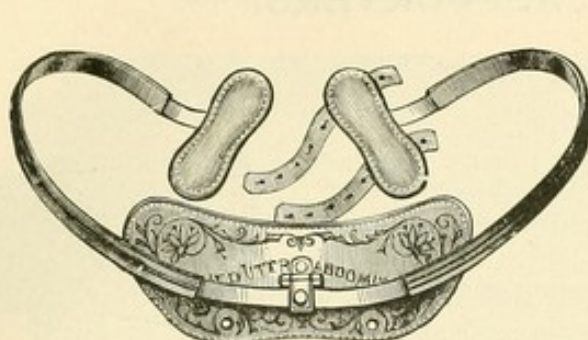
Price, to patients, size 28 to 38 .....	\$3 00
Price, to patients, size 40 to 46 .....	3 50
Price, to patients, size 48 to 60 .....	4 00

For terms see page 7.

All instruments designated with a \* are illustrated.



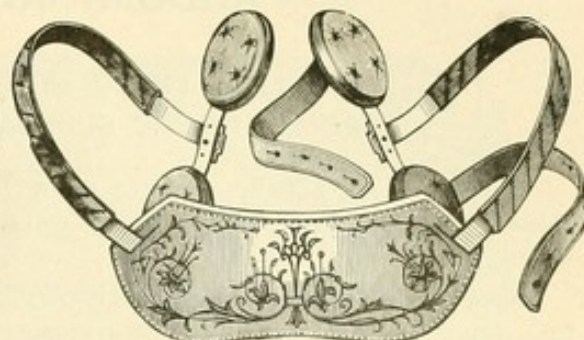
## ABDOMINAL SUPPORTERS.



2468.

2468 \* Improved Spring Supporter.

Price, to patients.....\$5 00

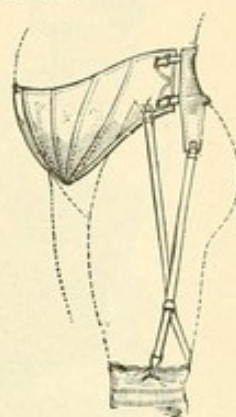
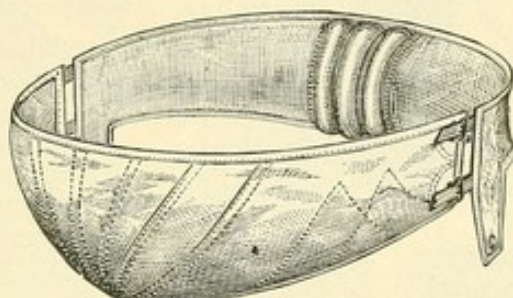
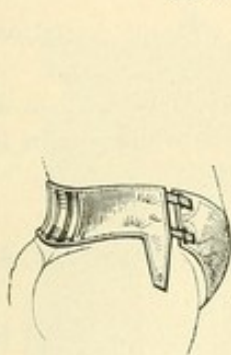


2469.

2469 \* Fitch Supporter.

Price, to patients.....\$3 00

2470 \* Drs. Gray &amp; Foster's Abdominal Supporter.



Made in two widths of front, at following prices, to patients:

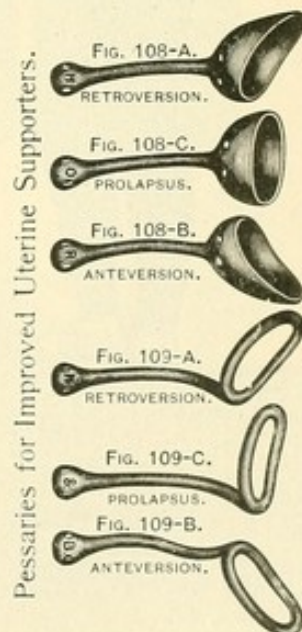
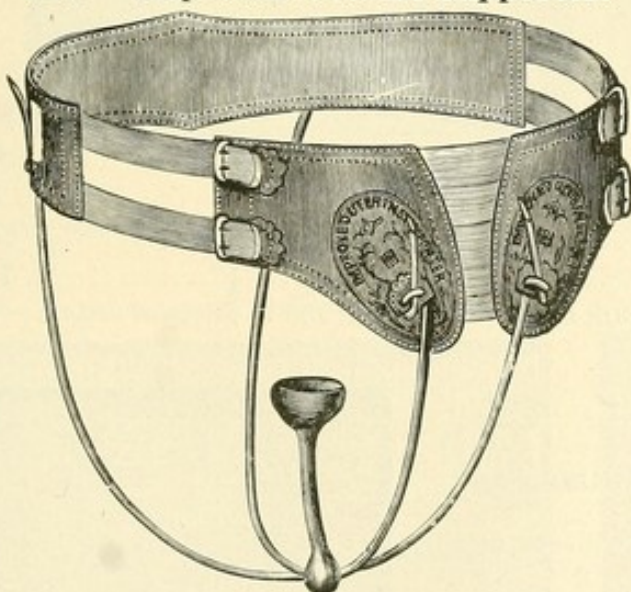
Regular width.....\$2 50

Extra " ".....3 00

With hose supporter.....\$3 00

" " " ".....3 50

2471 \* Improved Uterine Supporter.



Pessaries for Improved Uterine Supporters.

This supporter can be used separately as an Abdominal Supporter or combined with cup. The cup and stem is made of hard rubber attached to the abdominal belt by elastic rubber tubes, making it self-adjusting, and thus enabling the patient to apply and wear it without causing pain and inconvenience.

2470a McIntosh Uterine Supporter, complete, to patients.....\$3 00 To physicians,

2471 Standard " ".....3 00 " " }

2471a " " Best Quality, " ".....4 00 " " }

Stem Pessaries, Figures 108 or 109.....each, \$0 75

Cords for Supporters.....per pair, 25

All instruments designated with a \* are illustrated.

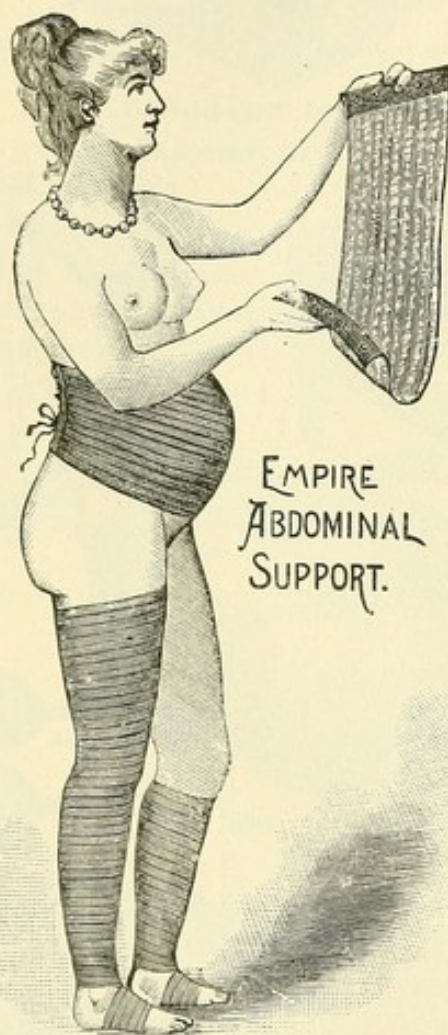


## ABDOMINAL SUPPORTERS.

### 2471B\* THE QUEEN POROUS ELASTIC SUPPORTER.

Made like an elastic stocking on a loom with covered rubber. Is more durable and does not roll up like the ordinary elastic supporter.

Especially recommended for corpulency, pregnancy, abdominal tumors, or for support during convalescence after abdominal section.



2472

This supporter, on account of its softness and elasticity, adapts itself to every movement of the body. It produces warmth without irritation or sweating, as it is perfectly ventilated.

It is cheap and durable and can be washed when soiled, proper care being taken to cleanse in lukewarm water, and to dry in shade.

Cotton, 8 inches wide .....	to patients, \$2 50
" 10 " " .....	" 3 00
Silk, 8 " " .....	" 10 00

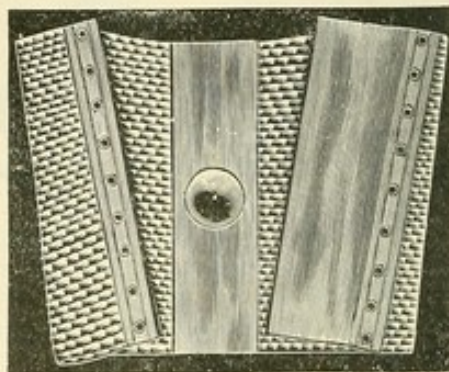
Also furnished with pad for umbilical hernia at an advance of \$1.50.

### 2472\* THE EMPIRE POROUS ELASTIC SUPPORTER.

Cotton, 8 inches wide .....	to patients, \$2 50
" 8 " " double strength, .....	" 4 00
" 11 " " .....	" 3 00
" 11 " " double strength, .....	" 4 50
Silk .....	10 00
Silk finish (mercerized) add to prices of cotton, .....	1 00

### 2473\* POROUS UMBILICAL TRUSS.

Child's .....	to patients, \$1 25
Youth's .....	" 2 25
Adult's, 8-inch width .....	" 4 00
" 11 " " .....	" 4 50



2473







## GENERAL SURGICAL NECESSITIES.

### PLAIN STERILIZED GAUZE.

#### In Bolts of 100 yards. (Figure 1.)

No. 1. Regular, for general use and medicating.....	100 yards,	\$4 50
No. 2. Medium, open mesh.....	"	4 00
No. 3. Open mesh.....	"	3 25
No. 4. Extra close mesh for bandages.....	"	5 50
Special prices in 1,000-yard lots.		

#### In 100-yard Cartons, folded and wound, 3-ply. (Figure 2.)

No. 1. Regular, for general use and medicating.....	100 yards,	\$5 00
No. 2. Medium, open mesh.....	"	4 50
No. 3. Open mesh.....	"	4 00
No. 4. Extra close mesh for bandages.....	"	6 00

#### In 25-yard Cartons, folded and wound, 4-ply. (Figure 3.)

##### The most economical form for Hospital use.

No. 1. Regular, for general use and medicating.....	per carton,	\$1 25
No. 2. Medium, open mesh.....	"	1 15
No. 3. Open mesh.....	"	1 00
No. 4. Extra close mesh for bandages.....	"	1 50
In 5-yard Cartons, (Figure 5).....	each,	35
In 5 " Screw cap glass jars, (Figure 4).....	"	65
In 1 " Cartons.....	"	15

### MEDICATED GAUZE.

#### In 25-yard Cartons, folded and wound, 4-ply.

##### The most economical form for Hospital use.

No. 1. Gauze, Sublimated, Borated or Carbolated.....	each,	\$1 75
No. 1. Gauze, Iodoform, 5 per cent.....	"	3 00
No. 1. Gauze, Iodoform, 10 ".....	"	3 50

#### In 5-yard Air-tight Cartons.

Sublimated, 1 to 2,000.....	\$	65
Borated, 10 per cent.....		65
Carbolated, 10 ".....		65
Iodoform, 5 ".....		1 00
" 10 ".....		1 25

#### In 5-yard Screw Cap Glass Jars.

Sublimated, 1 to 2,000.....	\$	75
Borated, 10 per cent.....		75
Carbolated, 10 ".....		75
Iodoform, 5 ".....		1 25
" 10 ".....		1 35

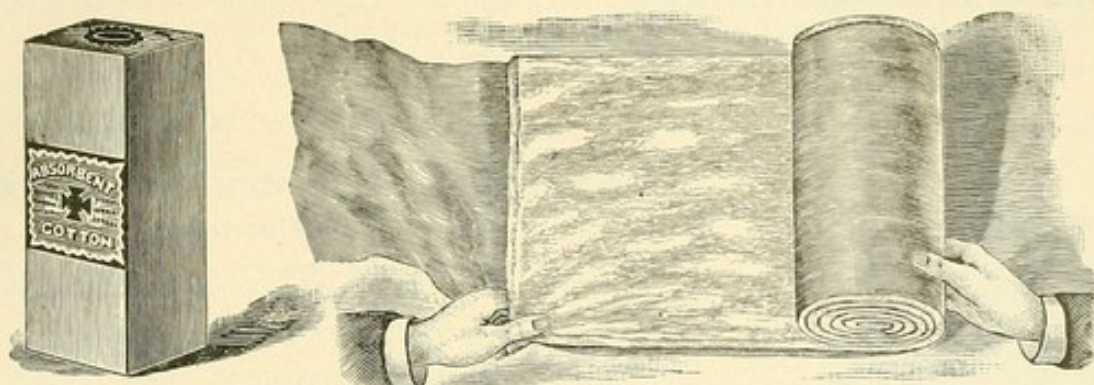
#### In 1-yard Air-tight Cartons.

Sublimated, 1 to 2,000.....	\$	15
Borated, 10 per cent.....		15
Carbolated, 10 ".....		15
Iodoform 5 ".....		30
" 10 ".....		35
Nosophine.....		50



## GENERAL SURGICAL NECESSITIES.

## ABSORBENT COTTON.



Plain Absorbent. Best Quality. Tissue Paper between layers.

3430.	1-pound rolls in paper wrapper	per pound,	\$ 25
3430A.	1 " " " " carton	"	30
3430B.	1/2 " " " " "	"	35
3430C.	1/4 " " " " "	"	40
3430D.	2-ounce " " " " "	"	45
3430E.	1 " " " " "	"	50

Special prices in 50 and 100-lb. lots.

## Medicated Cotton.

3431.	1-pound rolls in paper carton, borated, carbolated or sublimated	per pound,	\$ 50
3432.	1-ounce bottles Iodoform	each,	20
3433.	1 " " Styptic	"	15

## Oulo-Kutun (Cotton and Wool.)

3434.	1-pound rolls in paper carton	per pound,	\$1 25
3434A.	1/2 " " " " "	"	1 30

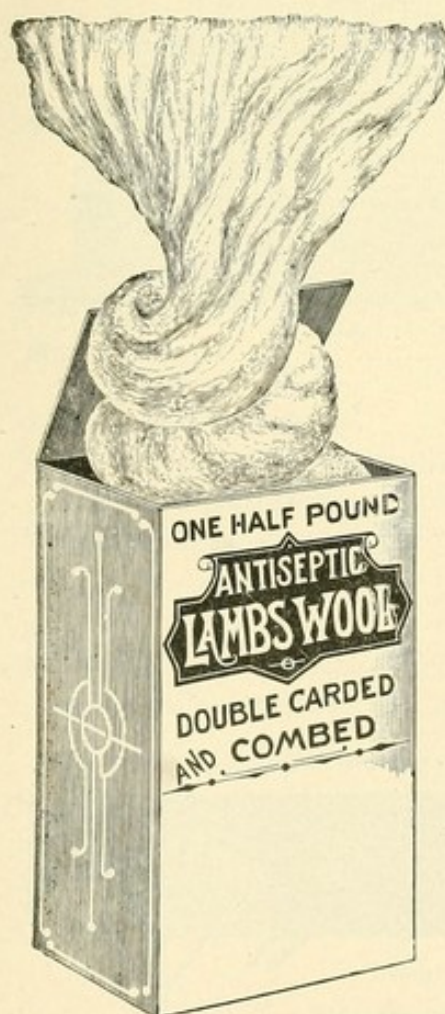
## LAMB'S WOOL.

## "Merino" Absorbent.

3435.	1-pound packages	per pound,	\$1 95
3435A.	1/2 " " " " "	"	2 00
3435B.	1/4 " " " " "	"	2 10
3435C.	1/4 " " Merritt's Antiseptic in layers,	per package	50

## OTHER DRESSINGS.

3436.	Oakum Antiseptic	per pound,	\$ 20
3437.	Absorbent Lint	"	55
3438.	Absorbent Lintine	"	50
3439.	Gutta Percha Tissue	per yard,	50
3440.	Oiled Silk, 1-yard roll		1 00
3441.	" " 5 " " "		4 50
3442.	" Muslin " " "		75
3444.	Mackintosh Cloth		95
3445.	White Rubber Sheeting, 3/4 yard wide, per yard,		50
3446.	" " " 1 " " "		75
3447.	" " " 1 1/4 " " "		1 00
3448.	Sulphur Fumigators, box of four		25
3449.	Surgical Safety Pins, per dozen, large, 12c.; small,		10
3449A.	Bandage Gum or Rubber Dam, medium thickness	per square yard,	1 25





## GENERAL SURGICAL NECESSITIES.

## PLASTER.

3450	Plaster, "Desnoix" French, 8 inches wide .....	per yard, \$0 20
3452	" Moleskin, Maw's Imported, 17 inches wide .....	" 1 00
3452A	" " American De La Cours, 14 inches wide .....	per 5 yards, 2 00
3453	" Isinglass, fine silk .....	per yard, 50
3454	" " muslin .....	" 40

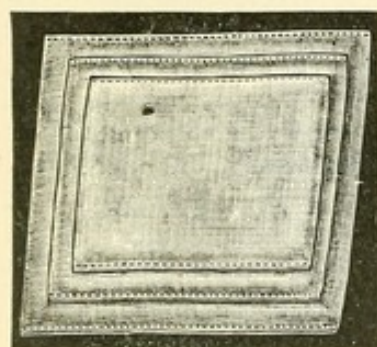
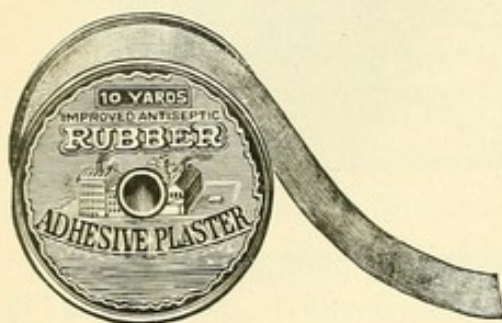
## SURGEONS' RUBBER ADHESIVE PLASTER.

## Plain or Zinc Oxide.

3455	1/2 inch wide, 10-yard spools .....	\$0 30
3456	1 " " " 10 " " .....	40
3456A	1 1/2 " " " 10 " " .....	50
3457	2 " " " 10 " " .....	60
3457A	2 1/2 " " " 10 " " .....	70
3458	3 " " " 10 " " .....	80
3458A	7 " " " 1 " rolls .....	25
3458B	7 " " " 5 " " .....	1 00
3458C	12 " " " 5 " " .....	1 25

## On Moleskin.

3458D	7 inches wide, 1-yard rolls .....	\$0 40
3458E	7 " " " 5 " " .....	2 00



### 3461. ASHTON'S ABDOMINAL ABSORBENT PADS.

Used for all abdominal work, instead of the more expensive flat sponges. Made in three sizes—small, 6 x 7 inches; medium, 7 x 8 inches; and large, 8 x 9 inches.

Assorted ..... per dozen, \$1 20



### 3461A. ESMARCH TRIANGULAR BANDAGE.

## First Help for Wounds.

One printed bandage, showing method of application, and two safety pins.

Per dozen ..... \$1 50

### 3462. U. S. ARMY FIRST AID PACKETS.

Consisting of a printed triangular Esmarch bandage, compress and bandages, 2 safety pins; all put up and covered with Mackintosh rubber cloth. .... per dozen, \$3 00

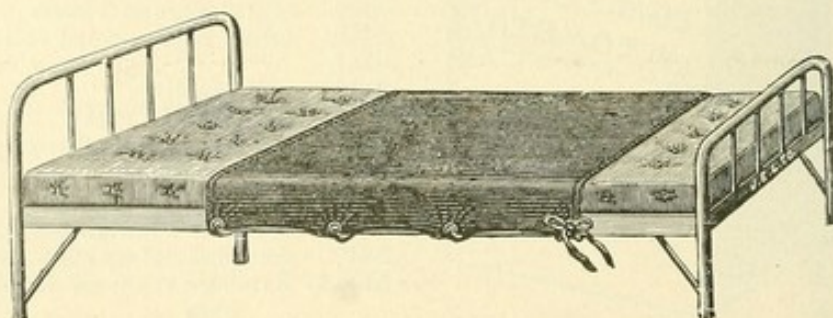
## ANTISEPTIC TABLETS.

3463	Corrosive Sublimite, 25 in bottle .....	\$0 20
3463A	" " 50 " .....	30

## Heavy Bed Blankets

with eyelets to lace across under the bed.

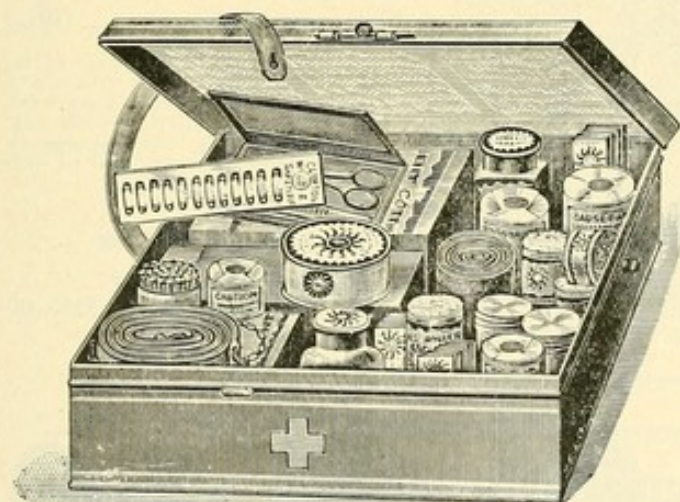
Size 36 x 50-inch .....	\$1 00
Size 72 x 50-inch .....	1 75





## BANDAGES.

- |      |   |        |
|------|---|--------|
| 3468 | <b>Unbleached Roller Bandages,</b> per pound, assorted.....                 | \$0 60 |
|      | 1 inch by 5 yards, dozen.....   | \$0 30 |
|      | 2 " " 5 " " .....   | 50     |
|      | 2½ " " 5 " " .....  | 60     |
|      | 3 inch by 5 yards, dozen.....   | \$0 75 |
|      | 3½ " " 5 " " .....  | 90     |
|      | 4 " " 5 " " .....   | 1 00   |
| 3469 | <b>Gauze Bandages,</b> per pound, assorted, 70 in 5 pounds, per pound ..... | \$0 65 |
|      | 1 inch by 10 yards, dozen.....  | \$0 30 |
|      | 2 " " 10 " " .....  | 45     |
|      | 2½ " " 10 " " .....   | 55     |
|      | 3 inch by 10 yards, dozen.....  | \$0 65 |
|      | 3½ " " 10 " " .....   | 75     |
|      | 4 " " 10 " " .....  | 85     |
| 3471 | <b>Red Flannel Bandages.</b>  |        |
|      | 2½ inch by 5 yards, dozen.....  | \$3 20 |
|      | 3 inch by 5 yards, dozen.....   | \$3 80 |
| 3473 | <b>Plaster Paris Bandages.</b>  |        |
|      | 2 inch by 5 yards, dozen.....   | \$1 80 |
|      | 2½ " " 5 " " .....  | 2 10   |
|      | 3 inch by 5 yards, dozen.....   | \$2 40 |
|      | 3½ " " 5 " " .....  | 2 70   |



3479

**3479\* Accident  
Emergency Case.**

INVALUABLE TO RAILROADS, STEAMERS,  
MINES, ROLLING MILLS,  
FACTORIES, ETC.

This case is very compact and is substantially made of heavy tin, neatly enameled, with slide catch. It is 11 in. long, 8 in. wide and 4½ in. high; weighs complete, 6 pounds.

LIST OF ARTICLES IN CASE:

- |                                       |   |                               |
|---------------------------------------|---|-------------------------------|
| 1 Heavy Rubber Bandage.               | 25 Corrosive Sublimate Tablets.                       | 12 Assorted Aseptic Sutures.  |
| 6 Assorted Muslin Bandages.           | 2 Ounces Bicarbonate of Soda.                         | 1 Dozen Safety Pins.          |
| 6 Assorted Gauze Bandages.            | 4 Surgical Needles                                    | 1 Pyramid of Pins.            |
| 5 Yards Sublimated Gauze.             | 1 Pair of Scissors.                                   | 1 Esmarch's Tourniquet.       |
| 1 Ounce Absorbent Lint.               | 1 Pair of Forceps.                                    | 1 Ounce Iodoform.             |
| 1 Ounce Styptic Cotton.               | 1 Roll of Rubber Adhesive                             | 1 Case with Scissors, Forceps |
| $\frac{1}{4}$ Pound Absorbent Cotton. | Plaster.  | Needles, Etc.                 |
| 1 Lee's First-Aid Packet.             | 3 Lee's Emergency Tubes with Aseptic Threaded Suture. |                               |

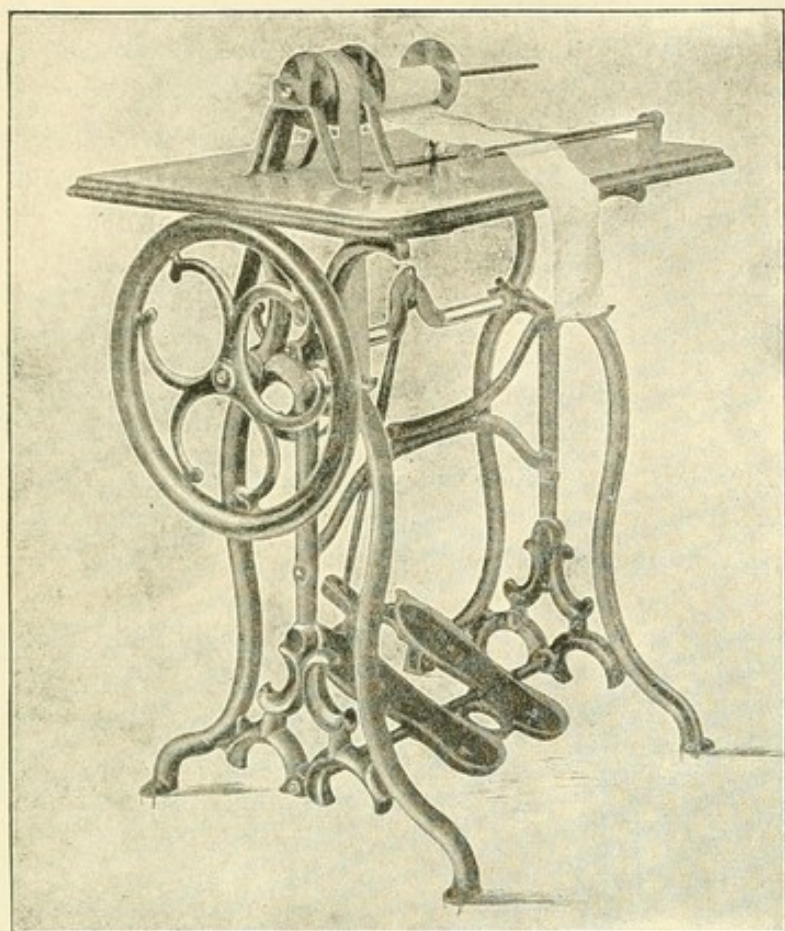
In cases of accident, the advantage of having an Emergency Case at hand can not be overestimated. Much valuable time is only too often lost in procuring appliances with which to treat accidents. The contents of this case have been carefully selected with a view of having, in as small a compass as possible, the necessary agents to deal with the exigencies usually associated with accidents of all kinds.

Price complete.....\$7.00.

All instruments designated with a \* are illustrated.



## BANDAGE ROLLERS.



3493

3489\* Plain Bandage Roller.....\$0 75

3490 Plain Bandage Roller. Nickel plated, 1 00

3491\* Jobse Bandage Roller..... 2 00

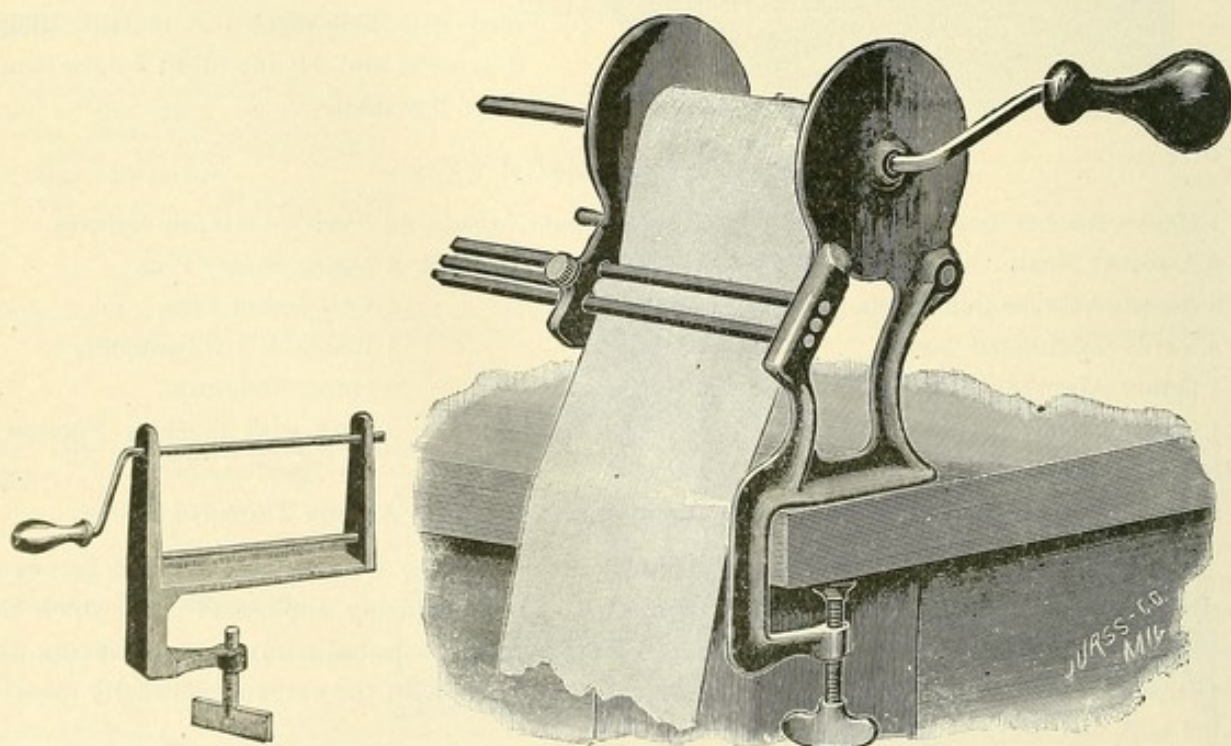
3491a Jobse Bandage Roller. Improved, heavy..... 3 25

3492 Judkins' Plaster Paris Bandage Rolling and Spreading Apparatus 6 00

3493\* Queen City Bandage Roller.....18 00

This has proven a most satisfactory article. It consists of a sewing machine base with highly finished golden oak top, having the necessary pulleys, rods, etc., all of oxidized finish.

3494 Bandage Cutting and Rolling Machine.....\$125 00



3489

3491

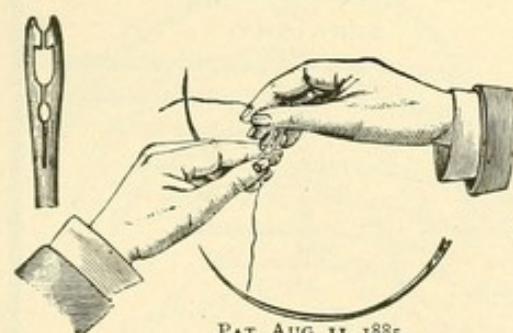
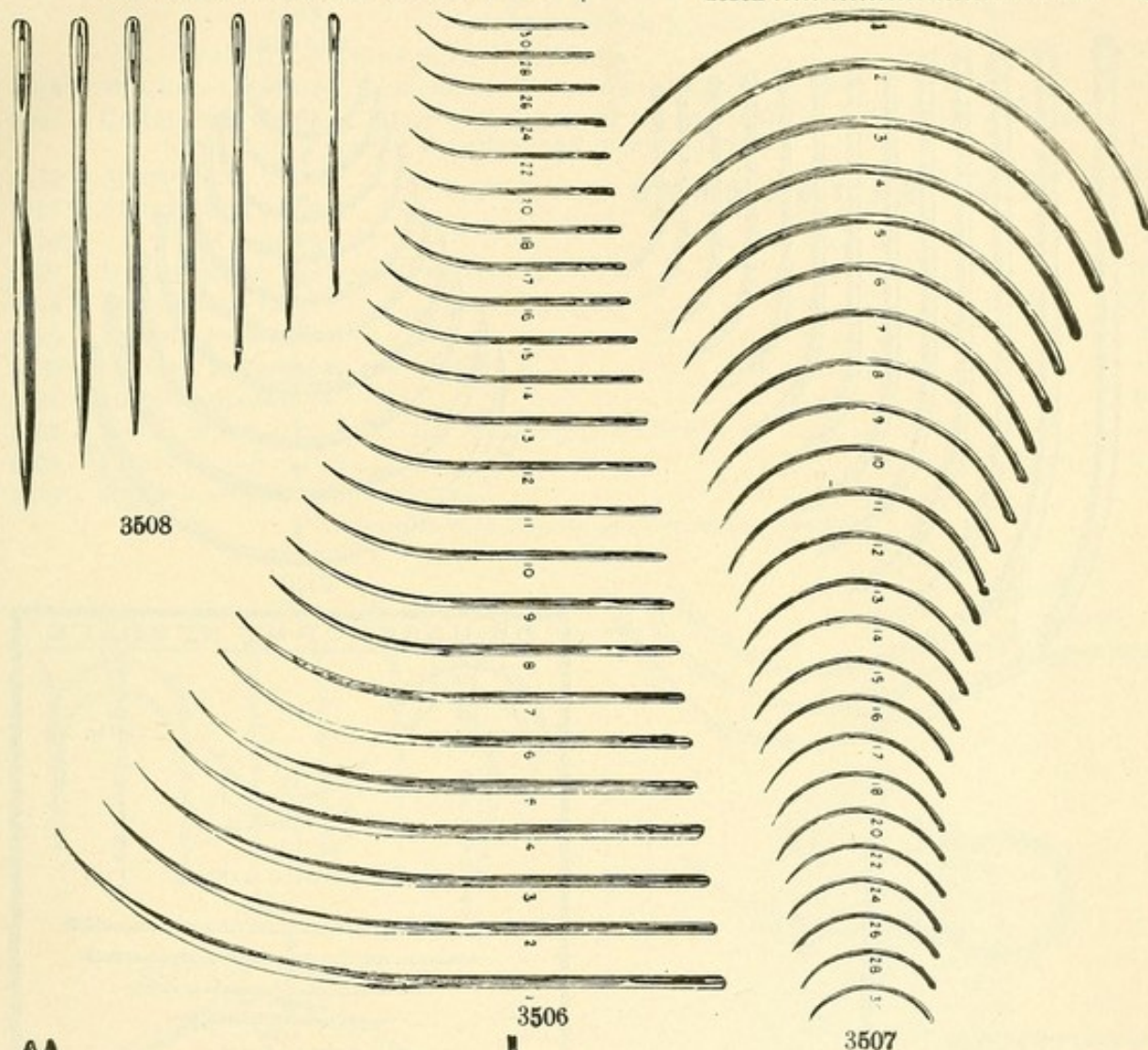
All instruments designated with a \* are illustrated.



## GENERAL SURGICAL NECESSITIES.

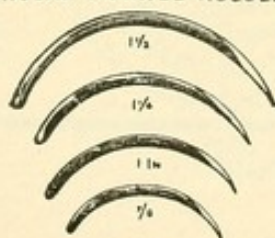
## Surgeon's Needles.

3506*	Half-curved.....	per dozen, \$0 35	3511*	Special Spear Point, "A" "B" "C" & "D".....	each, 25
3507*	Full ".....	" 35	3512*	Emmet's Trocar point, full curved,	75
3508*	Straight.....	" 35		per dozen.....	
3509	Glover's triangular.....	" 30	3513*	Emmet's Trocar point, half curved,	75
3510*	Kratz self-threading, half-curved,			per dozen.....	
	full-curved or straight.....	per dozen, 1 00	3514*	Emmet's Trocar point, straight, per	75
				dozen.....	

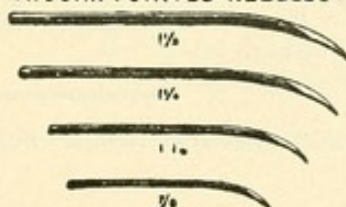


PAT. AUG. 17, 1885.

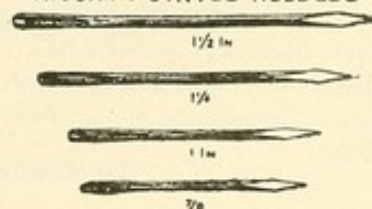
3510

FULL CURVED  
TROCAR POINTED NEEDLES

3512

EMMET'S NEEDLES  
HALF CURVED  
TROCAR POINTED NEEDLES

3513

STRAIGHT  
TROCAR POINTED NEEDLES

3514

All Instruments designated with a \* are illustrated.





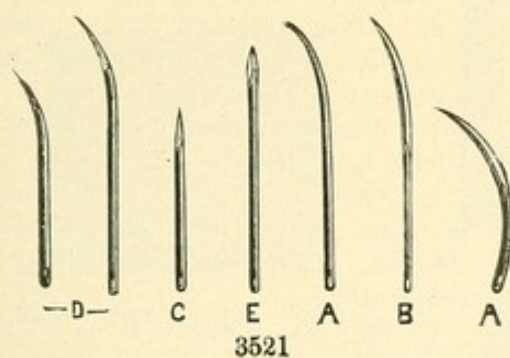


## GENERAL SURGICAL NECESSITIES.

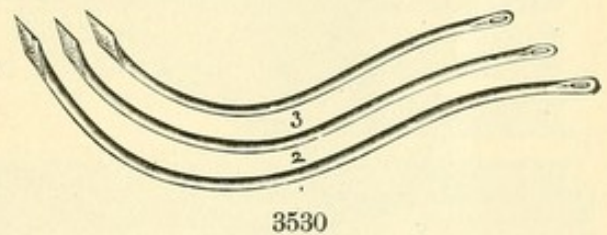
## SURGEONS' NEEDLES.

3521*	A. Emmett's, round-pointed, straight, half curved, or full curved, $\frac{3}{4}$ to $1\frac{1}{2}$ in.....	per dozen	\$0 75
	B. Emmett's, sharp edged, half curved, $\frac{3}{4}$ to $1\frac{1}{2}$ in.....	"	75
	C. Sims', concaved point, straight, $\frac{3}{4}$ to 2 in.....	"	
	D. " " " slightly curved, $\frac{3}{4}$ to 2 in.....	"	
	E. Straight, trocar point, $\frac{5}{8}$ to $2\frac{1}{2}$ in.....	"	75
3522*	Wocher's Hollow, for silver wire, 2 needles, 1 handle in case.....		2 25
3523	Collin-Pease's; the silver wire is passed through handle and needle is driven forward by a wheel; 6 needles and handle in case.....		12 00
3524*	Mouth.....	per dozen,	1 00
3525*	Fistula, full curve.....	"	1 00
3526*	" fish hook.....	"	1 00
3527	Eye, straight, half or full curved.....	"	75
3528	Martin's, 4 sizes.....	each,	25
3529	Hank's Perineal.....	"	15
3530*	Goodell's Perineal, Nos. 1, 2, 3.....	"	15
3531*	Hinkley-DeMolj's.....	"	60
3532	Silver Wire, into which the wire may be screwed.....	"	25
3533	Lister's, full curved.....	per dozen,	75
3534	Keith's straight, abdominal.....	"	85

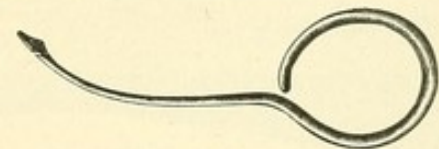
For Needles with handle see Perineum Needles.



3521

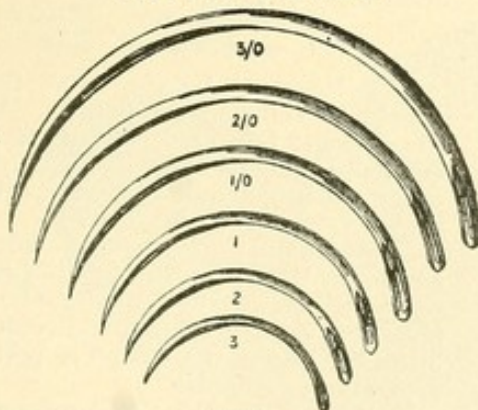


3530



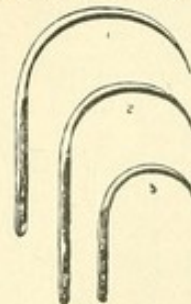
3531

## FISTULA NEEDLES



3525

## MOUTH NEEDLES



3524

## SLENDER FISTULA



3526



3522

All Instruments designated with a \* are illustrated.



## GENERAL SURGICAL NECESSITIES.

## LUKEN'S SURGICAL WOUND CLIP.

Pat. 14-7-03.

## Advantages of the Lukens Wound Clip.

1. Decidedly less time is required for their application than for any form of suture.
2. A less number of Clips than ordinary are required to effect the union of a wound.
3. Each Clip has four tangs which insure a firm hold and prevents lateral movement.
4. These Clips, when in position, have a flat surface, thus facilitating the application of dressings and bandages.
5. There is less resulting scar than where sutures are used, since there are none of the cross-marks made by the thread passing from one needle-hole to another.
6. Perfect asepsis is attained since germs find no opportunity of following a suture track into the depths.
7. They are removed with comparatively little discomfort.
8. They bring about perfect haemostasis in the superficial vessels; whereas, from stitch-holes oozing is frequently seen.
9. No anaesthetic is required for their application, since this is accompanied by much less pain than any other form of wound closure.

## DIRECTIONS.

The Retainer holding the Clips should be sterilized by boiling. The Clips should be removed from the Retainer by using the forceps, thus preventing contact of hand with Clips. Fig. 1.

Approximate the edges of the wound and apply the Clip with a gentle downward pressure, at the same time bending the Clip at an angle sufficient to bring the lips of the wound in perfect apposition. Fig. 2.

To remove the Clips hook retractors behind the rolled ends and straighten the Clips until perfectly loose. Fig. 3. Clips should be left on from three days to one week, according to location of the wound.

Clips packed 8 doz. in box . . . \$3.00  
Forceps, for applying Clips . . . .75

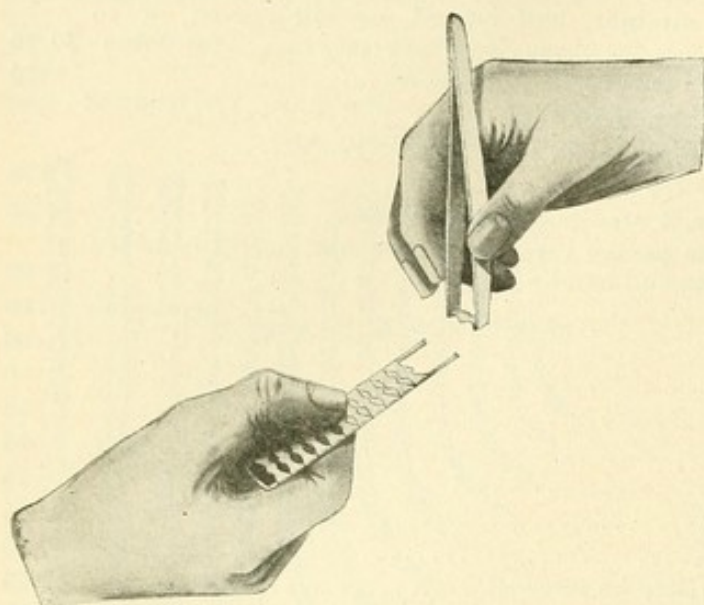


Fig. 1—Removing Clips from the retainer after sterilization.

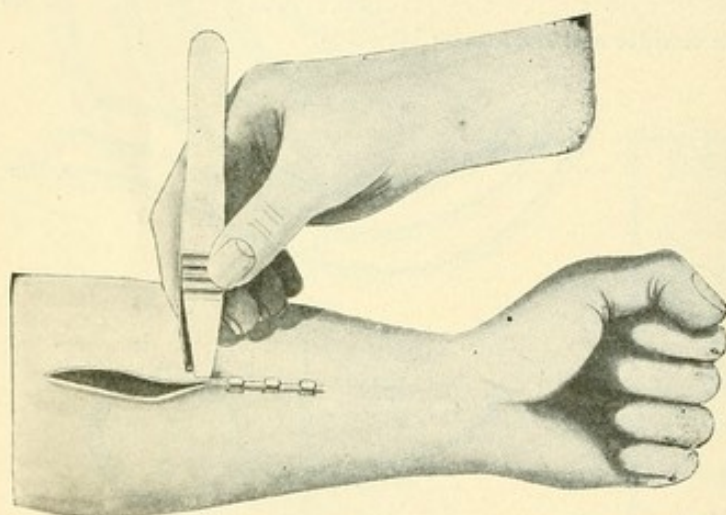


Fig. 2—Showing application of Clips.

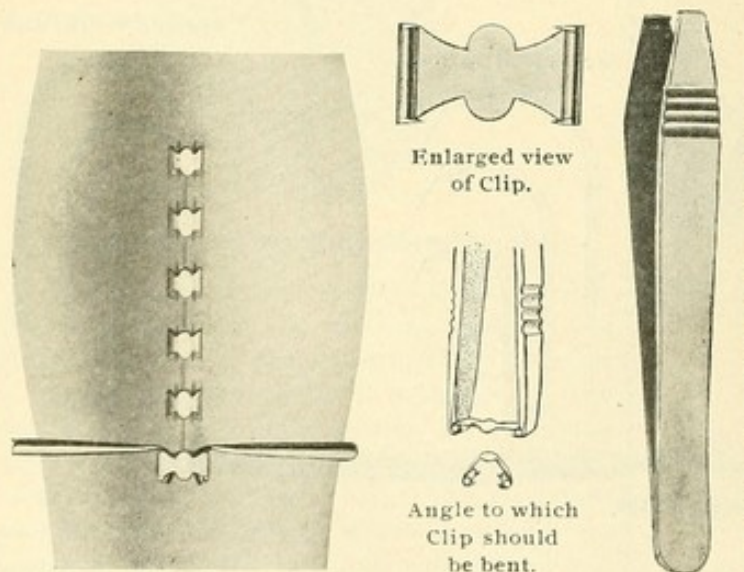


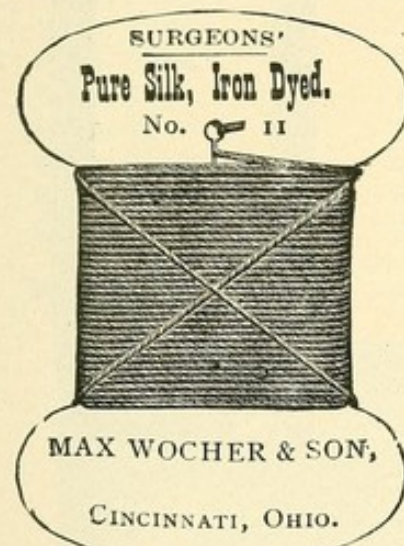
Fig. 3—Method of removing Clips.



## GENERAL SURGICAL NECESSITIES.

## SURGEON'S GENUINE CHINESE SILK.

3540*	Twisted, white, 1 size on reel, 14 sizes.....	Per dozen, \$0 65	Each, \$0 10
3541	" in skeins, 14 sizes.....	" 40	" 5
3542*	" 4 sizes on tablet, in slip case.....	" 2 35	" 25
3543*	" iron dyed, 1 size on reel, 14 sizes.....	" 65	" 10
3544*	" " 4 sizes on tablet, in slip case.....	" 2 35	" 30
3545	Braided, white, 1 size on reel, 14 sizes.....	" 1 50	" 15
3546	" " 4 sizes on tablet, in slip case.....	" 3 50	" 35
3547	" iron dyed, 1 size on reel, 14 sizes.....	" 1 50	" 20
3548	" " 4 sizes on tablet, in slip case.....	" 3 50	" 45
3549*	Cable-Twist, 4 sizes.....	" 2 00	" 20
3550	Lawson-Tait's Pedicle, imported direct from England, 3 sizes.....	per hank,	35
3551	Pure Braided, Turner & Co.'s celebrated English; will not kink or curl; tablet of 1 size, 25c.....	tablet of 4 sizes,	50
	Morgan's Ligature Case. Containing from 90 to 100 feet of pure silk in six sizes, assorted in either twisted or braided, viz:		
3552*	Morgan's Case of Twisted Silk.....		1 00
3553	" " Braided ".....		1 25



3540 Pure White.  
3543 Iron Dyed.

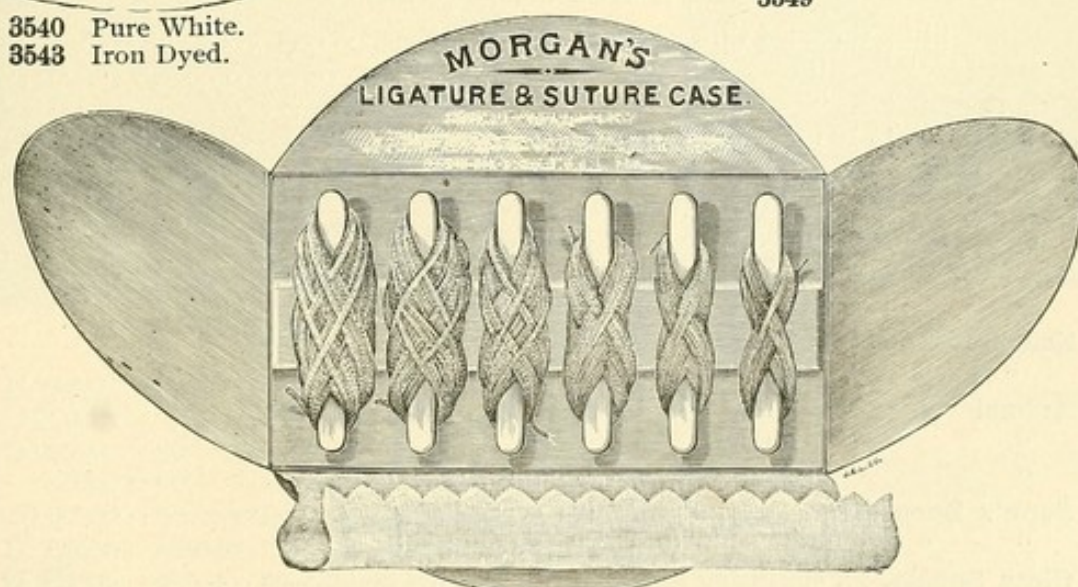
## LIGATURES.



3542 Pure White.  
3544 Iron Dyed.



3549



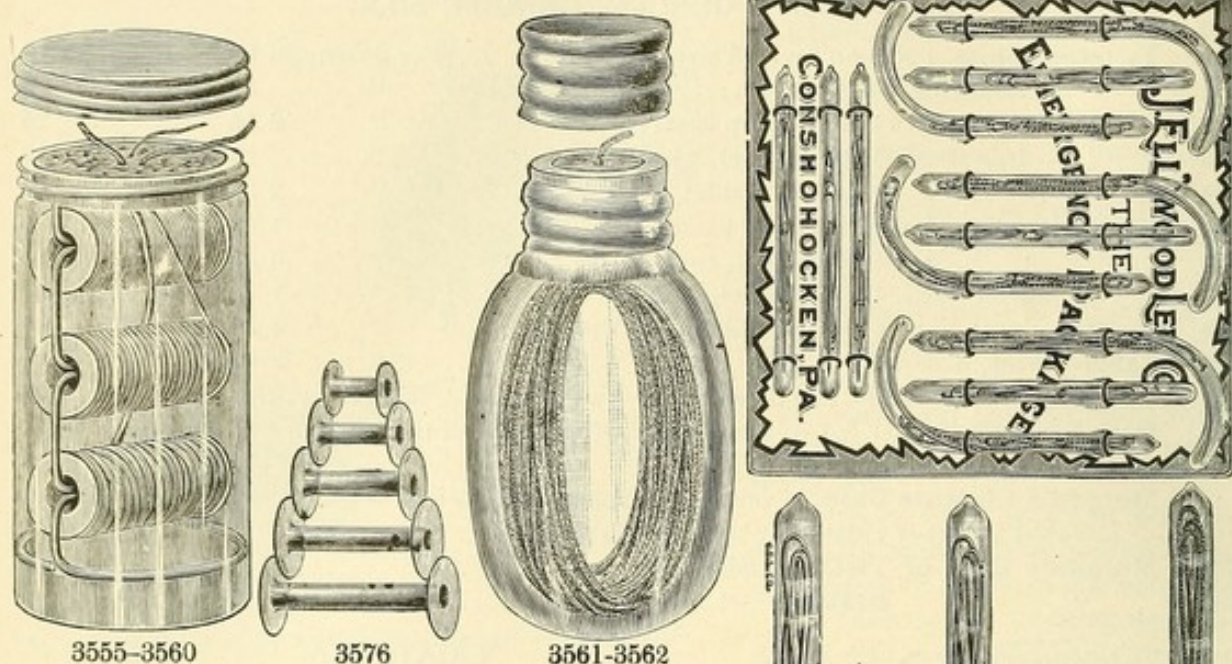
3552

All instruments designated with a \* are illustrated.



## GENERAL SURGICAL NECESSITIES.

## LIGATURES.



## ASSORTED LIGATURES.

Three sizes on spools, in bottle with screw cap, boiled in Alcohol, Carbolyated, Chromatized, or in Juniper Oil.

3555*	Silk Twisted,	3 sizes,	per large bottle	.....	\$1 25
3556*	"	3 "	" small "	.....	50
3557*	Braided,	3 "	" large "	.....	1 25
3558*	"	3 "	" small "	.....	50
3559*	Catgut,	3 "	" large "	.....	1 25
3560*	"	3 "	" small "	.....	50
3561*	Silk Twisted,	one skein	in bottle, aseptic	.....	25
3562	Braided,	"	"	.....	25

## ASEPTIC LIGATURE TUBES.

3563-3564-3565

Hermetically sealed, containing straight or curved needles threaded with silk or catgut, boiled in alcohol under pressure.

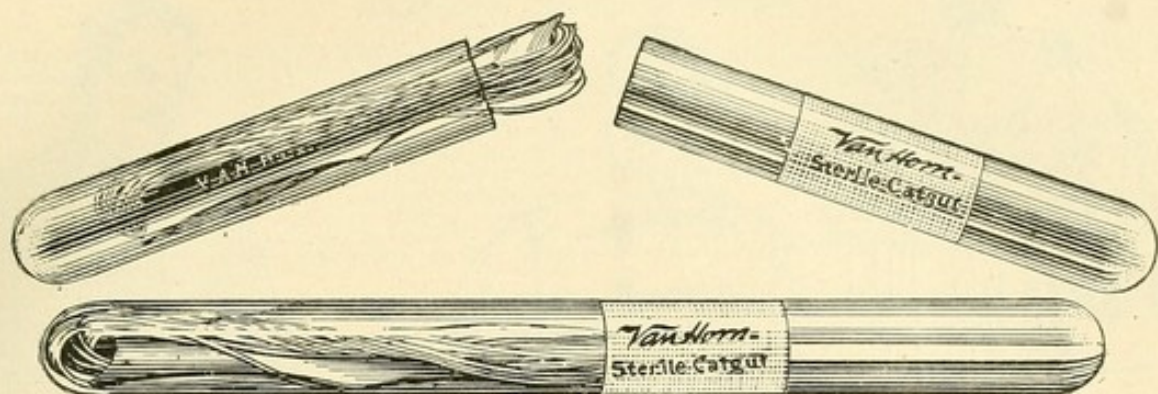
3563*	Twisted Silk,	threaded with needle, per dozen tubes.....	\$1 50
3564*	Braided	" " " " " " .....	1 75
3565*	Catgut	" " " " " " .....	1 75
3566	Dry Catgut,	in 10 foot coils, 3 sizes, per dozen coils.....	\$1 00 to 1 75
3567	Horse-hair Ligatures,	50 in alcohol.....	25
3568	"	" 100 in box, dry prepared.....	40
3569*	Silk-worm Gut,	see next page, 100 Ligatures in box.....	60
3570*	"	" " " 100 " " long.....	75
3571	"	" sterilized in alcohol, 25 in bottle.....	75
3572	Kangaroo Tendons,	1 tendon in bottle.....	25
3573	"	" 10 " " .....	1 00
3573a	Animal	" Dry, per dozen.....	85
3573b	"	" 6 tendons in bottle.....	35
3573c	"	" 25 " " .....	1 25
3574	Senn's Bone Chips,	decalcified in vial.....	1 00
3575	"	" Plates, " with needle, per pair.....	2 00
3576*	Glass Spools,	for sterilizing Ligatures, 6 sizes, per dozen.....	75 to 1 50

For Glass Ligature boxes see Index.

All instruments designated with a \* are illustrated.



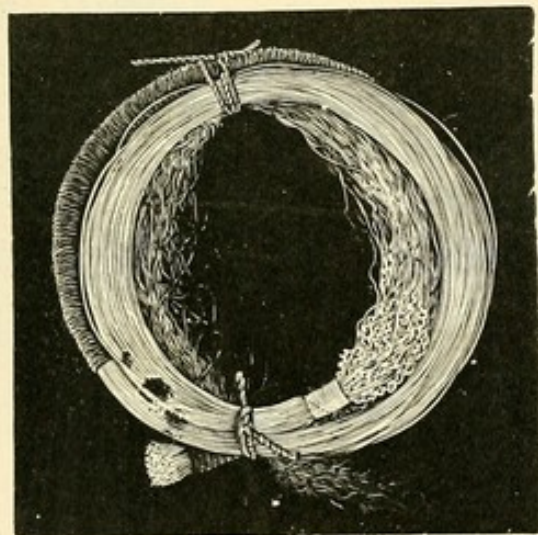
## SUTURES.



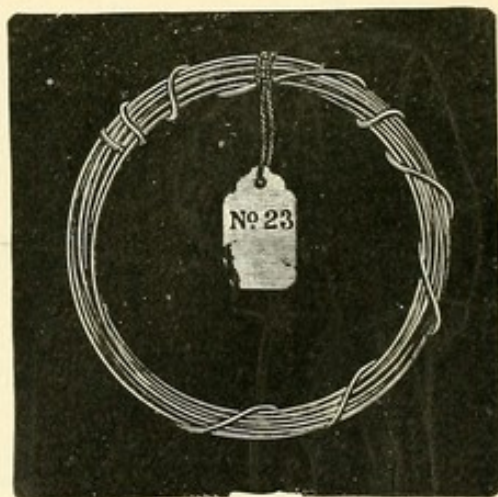
VAN HORN STERILIZED SUTURES.

In hermetically sealed tubes, packed three tubes in a box.

		Per doz.
W. D. 8204.	Van Horn's Sterilized Catgut, sizes 00, 0, 1, 2, 3, 4, 5, 6.....	\$2.50
W. D. 8212.	“ Chromic 10 day Catgut, sizes 00, 0, 1, 2, 3, 4, 5, 6.....	2.50
W. D. 8220.	“ “ 20 “ “ “ “ “ “.....	2.50
W. D. 8228.	“ “ 30 “ “ “ “ “ “.....	2.50
W. D. 8236.	“ “ 40 “ “ “ “ “ “.....	2.50
W. D. 8244.	“ Twisted Silk, sizes 00, to 10.....	2.50
W. D. 8252.	“ Braided “ “ “ “.....	2.50
W. D. 8260.	“ Horse Hair.....	2.50
W. D. 8268.	“ Kangaroo Tendons, fine, medium, heavy.....	2.50
W. D. 8276.	“ Silk Worm Gut, white, red, black.....	2.50
W. D. 8284.	“ Obstetrical Suture, with No. 2 Chromic Catgut and Curved Needle.....	2.50
W. D. 8292.	“ Chromic Catgut, with half or full curved needles, sizes, 0, 1, 2, 3, 2.00	



W. D. 8308.



W. D. 8332.

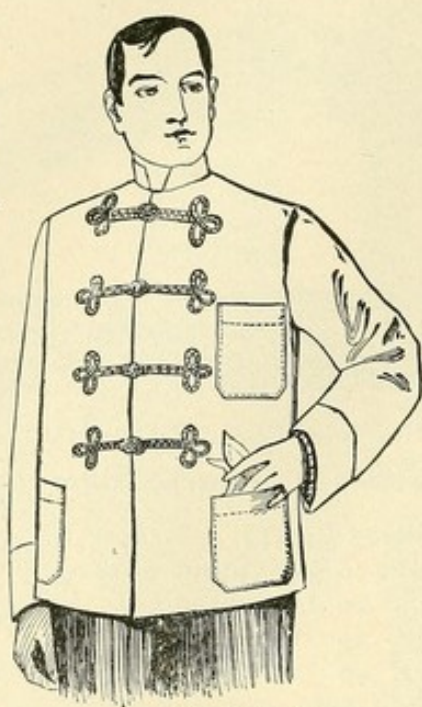
- |  |  |        |
|--|--|--------|
| <b>W. D. 8300. Dry Catgut,</b>         | in 100 feet bundles. 10 sizes—No. 00, 22c; 0, 25c; 1, 35c; 2, 45c; 3, 50c; 4, 60c; 5, 75c; 6, 85c; 7, \$1.15; 8, \$1.35. |        |
| <b>W. D. 8308*. Dry Silk Worm Gut,</b> | in 100 strand bundles. Fine, 35c; Regular, 40c; Padrone, 50c; Padrone, best grade, 65c; Marana, 65c; Marana, heavy, 75c. |        |
| <b>W. D. 8316. Celluloid Yarn,</b>     | 5 sizes, per hank.   | \$0.25 |
| <b>W. D. 8324. Elastic Ligature,</b>   | per box, assorted sizes  | .75    |
| <b>W. D. 8332*. Silver Wire,</b>       | per coil, 6 sizes, each  | .20    |
| <b>W. D. 8340. " "</b>                 | six assorted spools in box.  | 1.00   |
| <b>W. D. 8348. Perforated Shot,</b>    | per 100.   | .50    |



## DOCTORS' AND NURSES' UNIFORMS.



W. C. 5003



W. C. 5011



W. C. 5019

- W. C. 5003 Surgeons' Operating Gowns, white material, made with long or half sleeves length from 50 to 60 inches .....each, \$1 50
- W. C. 5011 Doctors' Office Coat, white material, trimmed with Hercules braid and four Japanese loops and knots .....each, \$1 75
- W. C. 5019 Doctors' Office Coat, white material with shawl roll collar and one Japanese loop.....each, \$1 75
- W. C. 5027 Operating Caps only .....each, 30



W. C. 5035



W. C. 5043



W. C. 5051

- W. C. 5035 Surgeons' Draw String Waist Pants and Coat.....Pants, \$1 50, Coat, \$1 50
- W. C. 5043 Contagious Disease Gown Combination Suit, hood covers head, made of washable material, \$3 00
- W. C. 5051 Nurses' Hospital Gown, half sleeve, deep circular yoke with three tucks near bottom of skirt, open down part way in the back, white material .....each, \$2 50



## GENERAL DIAGNOSTIC INSTRUMENTS.

## CLINICAL THERMOMETERS.

All our clinical thermometers have the indestructible index, consisting of a minute contraction near the bulb, which, while it allows the mercury to rise with the temperature, prevents it receding when taken out for observation, unless intentionally shaken back to allow the practitioner to take another observation.

Directions for using our Fever Thermometer with Indestructible Register:

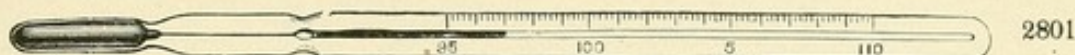
1. Shake down the column of mercury in the tube. This is done by holding the instrument firmly in the hand and swinging the arm downward, which causes the column to move downward.
2. The whole column of mercury rises, and remains in the tube as an index.
3. The top of the mercury is the correct indication of temperature.

Should the column of mercury become divided into several pieces, they can be brought together by swinging the thermometer as described above. Never subject it to a sudden jar by striking the hand, holding it on the table, desk, or other solid article, as it is liable to fracture the walls of the tube and render the instrument useless.

The normal temperature of the human body, at completely sheltered parts of its surface, amounts to 98.48 Fahr., or a few tenths more or less, and a rising above 99.58, or a depression below 97.38 Fahr., are sure signs of some kind of ailment, if such increase or decrease is persistent.

All prices are net, including case.

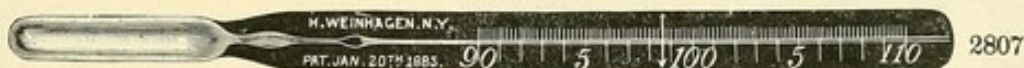
Clinical Thermometers, when ordered to be sent by mail, will be forwarded carefully packed at purchaser's risk of breakage or damage in transit.



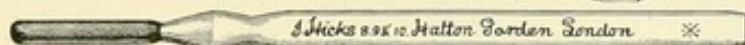
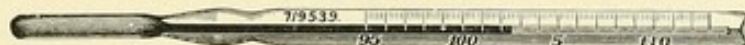
- 2801° Wocher's No. 1, Indestructible Index Thermometer ..... each, 50c.; per doz., \$4 00  
 2802 " No. 2, " " " " " " with certificate of verification ..... 75



- 2803° Wocher's No. 3, Magnifying Thermometer ..... each, \$0 75; per doz., \$4 50  
 2804 " " 4, " " " " " " " " 1 00; " " 6 00  
 2805 " " 5, " " " " " " " " 1 00; " " 5 00  
 2806 " " 6, new " " " " " " " " Thermometer with Fahrenheit and Centigrade Scale, 1 00



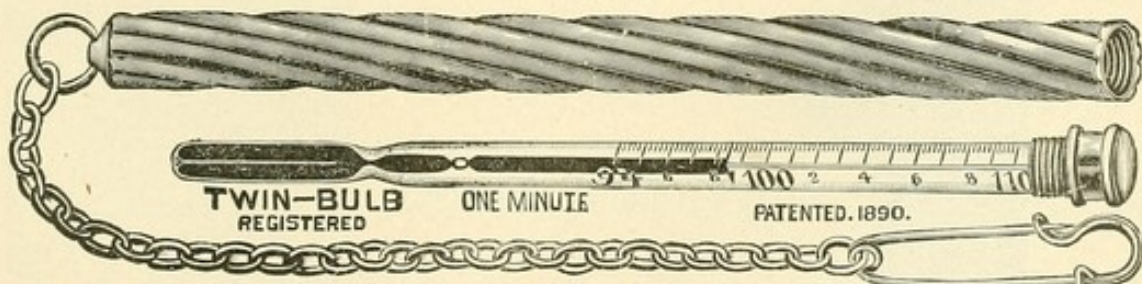
- 2807° American Black-Back Thermometer ..... \$1 00  
 2808 " Family " ..... 50  
 2809 Taylor's " " " ..... 1 25



- 2810° J. J. Hicks, London Non-Magnifying Thermometer ..... \$ 90  
 2811 " " " " " " " " Kew Certified Thermometer ..... 1 25  
 2812 " " " " " " " " Magnifying " " " ..... 1 50  
 2813 " " " " " " " " " " " " " ..... 1 75



- 2814° J. J. Hicks' London Non-Plus Ultra Magnifying Thermometer ..... \$2 50

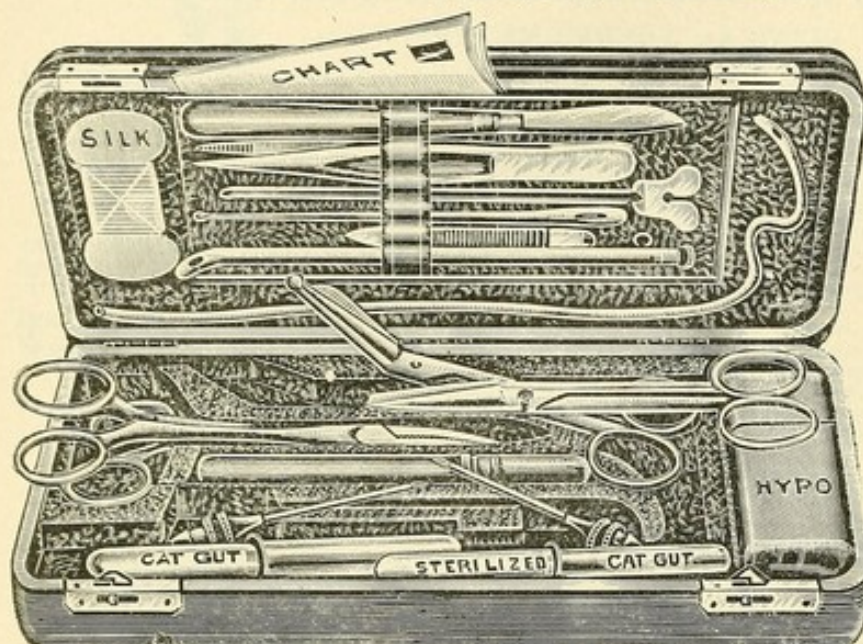


- 2815a Twin Bulb Lens, front thermometer, 2 minute certified ..... \$1 00  
 2815b " " " " " " " " 1 " " ..... 1 25  
 2815c " " " " " " " " 1/2 " " ..... 1 50  
 2816 Hicks' New Aseptic Thermometer ..... 2 00  
 2816a Wocher's Jena Aseptic " " " " " " " " inside graduation ..... 1 90

All instruments designated with a ° are illustrated.



## NURSES' CASES.

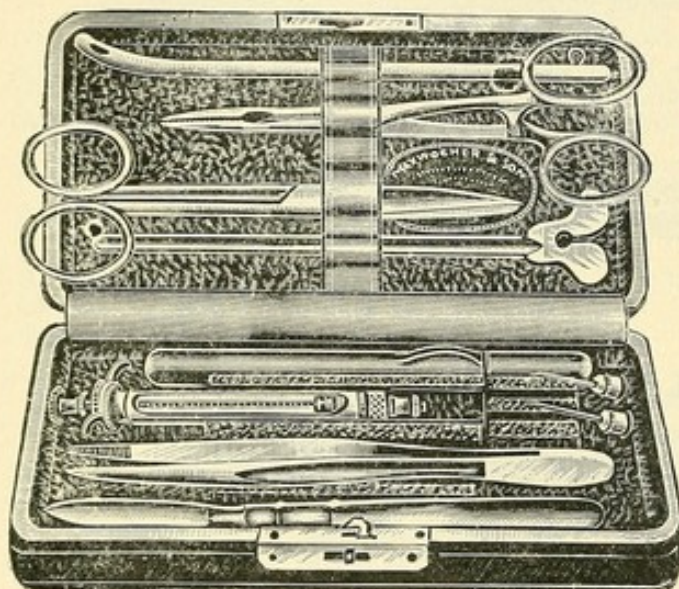


No. 1 Presbyterian Nurse's Case.

**No. 1\* Presbyterian Hospital Nurse's Case.** A complete nurse's outfit with accessories to help out the surgeon in necessity. It is in a handsome morocco-covered and leather-lined case and contains the following:

1 hypodermic syringe — latest, all metal, with 2 needles and 4 vials for tablets, in aluminum case, 1 nail file, 1 scalpel, 1 dressing forceps, 1 grooved director, 2 probes, 1 female metal silver plated catheter, 2 saline infusion needles, 1 soft rubber catheter, 1 Woche's best thermometer in case, 1 5½-inch angular bandage scissors, 1 4½-inch sharp and blunt scissors, 2 Jones' hæmostats, 2 tubes of sterilized catgut with needle, in glass tube, 6 surgical needles, 1 card of silk and clinical notes, which are kept in compartment in rear of the instruments.

Price, complete...\$12 50



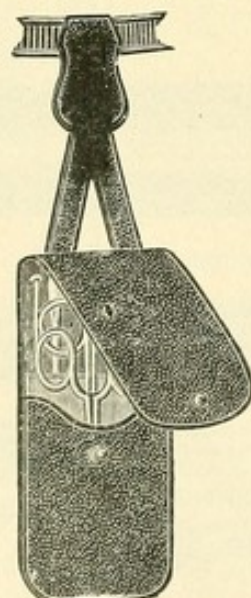
No. 2 Nurse's Case.

**No. 2\* Nurse's Favorite Case,** containing 1 hypodermic syringe and 2 needles, 1 thermometer, 1 dressing forceps, 1 scalpel, 1 4½-inch grooved director, 2 probes, 1 sharp and 2 blunt scissors, 1 hæmostat and 1 female metal catheter in fine leather-covered and leather-lined case.

Price.....\$5 50

**No. 3 New York Nurse's Case,** containing 1 Parker's metal combined male and female catheter and porte caustic applicator, 1 dressing forceps, 2 scalpels, 1 4½-inch grooved director, 2 probes, 1 hæmostat, 1 scissors and 1 splinter forceps, needles and silk, in fine leather-covered and leather-lined case.

Price.....\$4 50



No. 4 Nurse's Case.

**No. 4\* Nurse's Chatelaine Case,** made of the finest morocco leather, with straps and leather-covered metal hook to attach to belt. It is leather lined and is fitted with leather loops containing the following instruments:

1 hæmostat, 1 4½-inch sharp and blunt scissors, grooved director, probes, female catheter, dressing forceps and 1 magnifying clinical thermometer.

Price, complete.....\$4 50

" empty case only..... 2 00

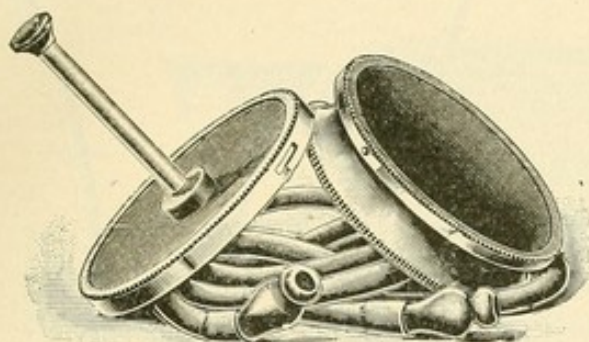
Temperature Charts, per chart of 50.....\$0 40

Clinical Charts, per chart of 50..... 40

All instruments designated with a \* are illustrated.



# BAZZI=BIANCHI, Phonendoscope

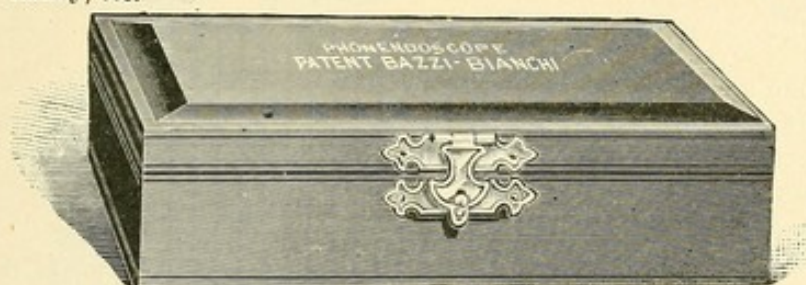


No. 1 Case.

U. S. Pat. 526802, 575320—Ital. Pat. Nr. 38426—French Pat. Nr. 247712—Ungar. Pat. Nr. 3648—Engl. Pat. Nr. 10223—Austr. Pat. 46-1494—D. R. M. Nr. 41899.

Trade Mark "PHONENDOSCOPE" Registered.

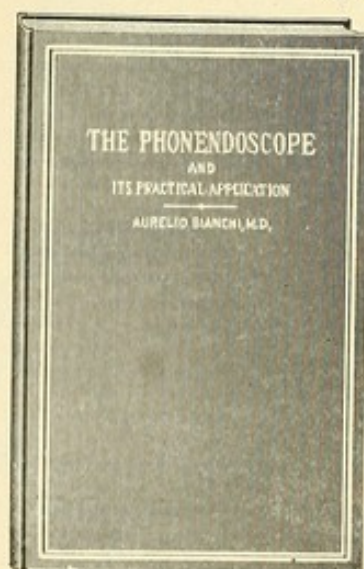
This instrument is creating a sensation throughout the civilized world. Remarkably intensifies the audibility of all sounds, whether natural or caused by morbid conditions in the animal or human body; not only is the intensity thus increased, but the origin of sound can be localized within much more narrow limits than possible with stethoscopes heretofore in use and its nature recognized with great accuracy. All of this applies to sounds of the respiratory, circulatory and digestive organs, muscles, joints and bones, also those in the matrix caused by pregnancy, etc.



No. 2 Case.



No. 3 Case



## THE PHONENDOSCOPE.

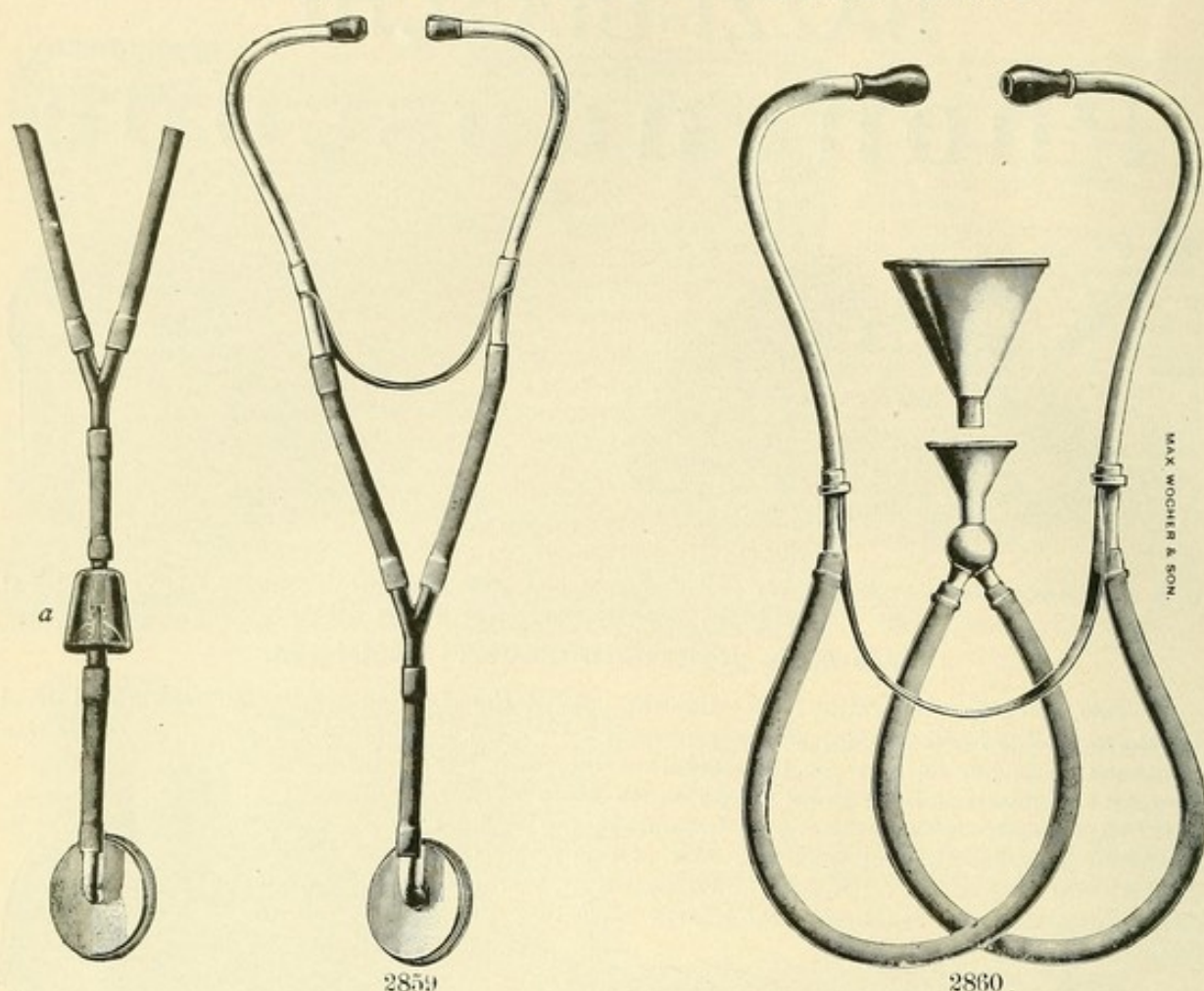
Bazzi-Bianchi Phonendoscope in

No. 1 Case	\$3 50
No. 2 Case	4 00
No. 3 Case	3 50
No. 4 Case, with Binaural Attachment,	4 75

Bianchi's Book on Phonendoscopy, 50 cts.



## GENERAL DIAGNOSTIC INSTRUMENTS.



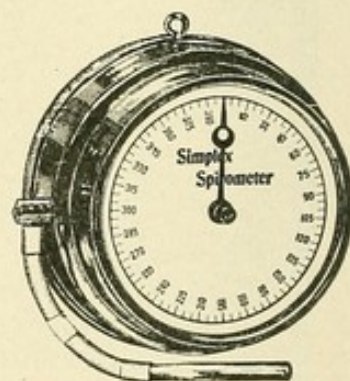
**2859\* Bowles' Stethoscope.** For anyone who has difficulty in hearing the ordinary cardiac or respiratory sounds, or for one who is partially deaf, this instrument is invaluable. Its flat chest piece makes it very useful in listening to the posterior portions of the lungs in cases of pneumonia in which the patient is too sick to be turned over or to sit up. Without moving the patient at all the chest piece can be worked in under his back by pressing down the bedclothes, and in this way listen to any part. Price ..... \$4 00

**Extra H. R. Bell (a),** to act as ordinary stethoscope, add ..... 50

This instrument is also made for clinic use, with 2, 4, 6, 8 or any number of attachments for various parties to hear from one chest piece.

**2860\* The Forchheimer Stethoscope.** A carefully-made instrument. The bells are made of bell metal, with extra large lumen to admit large volume of sound. It is largely used in local as well as Eastern hospitals. Price..... 1 50

**2861\* The Simplex Spirometer.** This little apparatus is most admirably adapted for promoting deep, systematic and regular breathing of patients with weak or ill-developed lungs, incipient consumptive cases, flat chests and all similar indications. By means of the dial the improvement in the patient's lung capacity can be daily noted and his interest in the simple treatment thereby stimulated, and his regular use of the instrument absolutely assured. Every physician who has seen the Simplex Spirometer has promptly pronounced it the simplest, most practical and in every way the best instrument for the purpose manufactured. Price.....\$5 00



2861

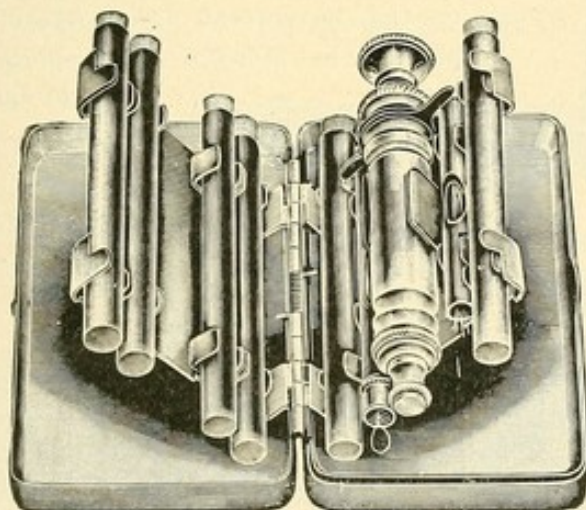
All instruments designated with a \* are illustrated.



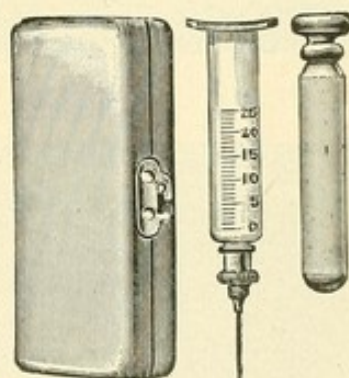
## ANTITOXINE, SERUM AND HYPODERMIC SYRINGES.



- 2952\* **Antitoxine Syringe**, latest aseptic, carefully made, all parts separable for sterilization, rubber piston, with extra washers, made in two sizes, 5CC or 10CC, in metal case ..... \$2 50
- 2952b Same as above, cheaper grade ..... 1 85
- 2952c Same as No. 2952, with solid metal barrel and piston ..... 2 50



4a



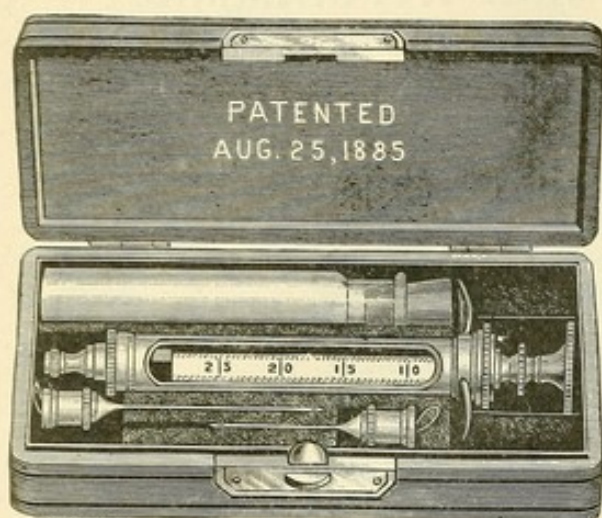
5a

- 4a\* **B. D. Aseptic Hypodermic Syringe**, all metal, with expandable German-silver plunger, may be adjusted to take up wear ..... \$2 25
- 5a\* **Luer's Aseptic Hypodermic Syringe**, all glass. The barrel and piston rod are made of accurately-ground glass and perfectly aseptic ..... 2 50
- 6a **Asepto Hypodermic Syringe** (not illustrated), all glass, with rubber piston ..... 1 75
- 6b **Sub-Q. Hypodermic Syringe** (not illustrated), all glass, with abestos packing .... 1 75

All instruments designated with a \* are illustrated.

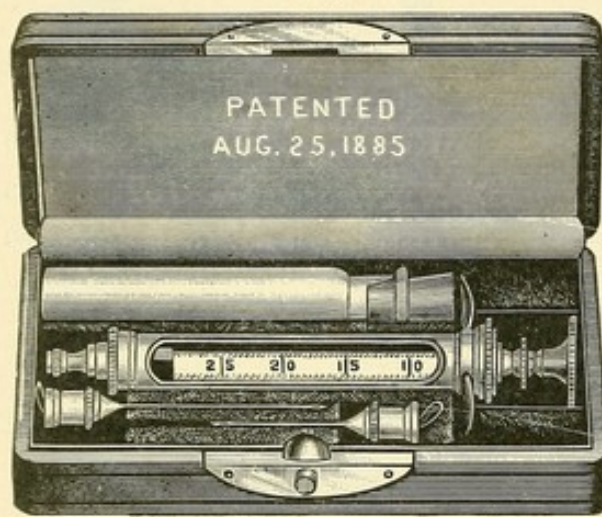


## HYPODERMIC SYRINGES.



No. 1

No. 1—Hypodermic Syringe with glass barrel, protected by a Fenestrated metal cylinder, showing graduations on the piston rod, in Morocco case.....\$0 85



No. 2

No. 2—Hypodermic Syringe with glass barrel, protected by a Fenestrated metal cylinder, graduations on the piston rod, with metal cap on end to prevent drying out of plunger, in Morocco case, spring catch .. .....\$1 00



No. 3

\* No. 3—Hypodermic Syringe, with glass barrel, protected by a metal cylinder, open both sides, with graduations on piston rod, with finger rests, same as cut. The syringe is made to unscrew at needle end for introduction of Tablets, and has a cap on end to prevent drying out of plunger, in Morocco case, spring catch .....\$1 00

No. 3½—Same as No. 3; put up with two extra long needles (4 in all) .....\$1 75

No. 4—Same as No. 3; put up in an extra fine Morocco case...\$2 00

\* No. 5—Same as No. 3; put up in a fine calf-skin case, with strong lock and hinge.....\$1 85

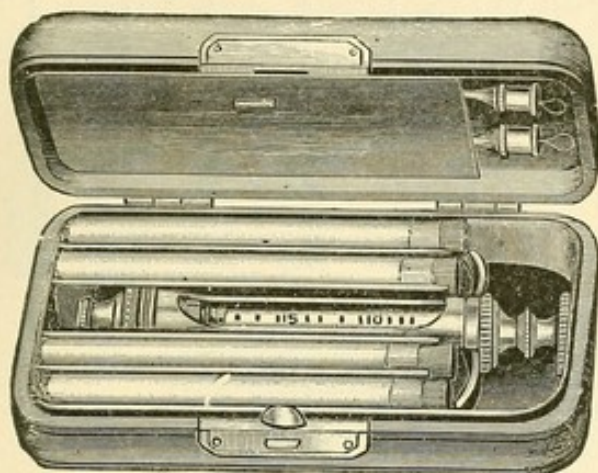
No. 5½—Same as No. 5; with 4 long Tablet Vials (this is the most popular of the series).....\$1 75

\* No. 6—Same as No. 5; with 6 Tablet Vials, in fine Morocco case.....\$1 50

With regard to reduction in prices, see page 2.



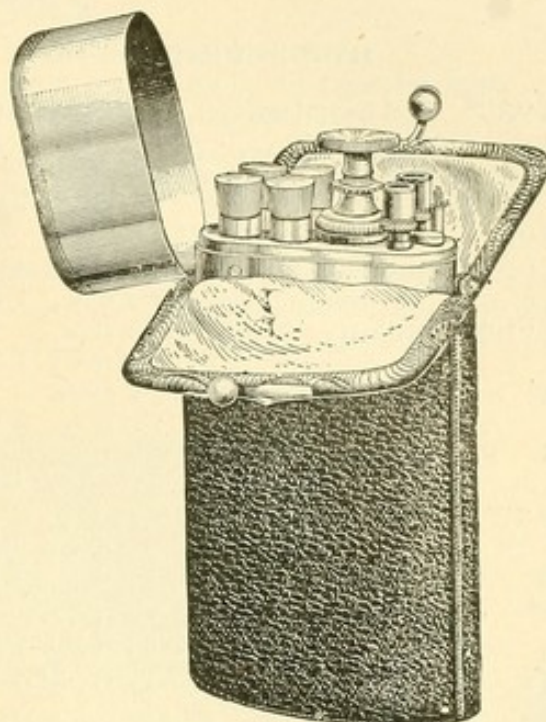
## HYPODERMIC SYRINGES.



10

**No. 10\* HYPODERMIC SYRINGE.**

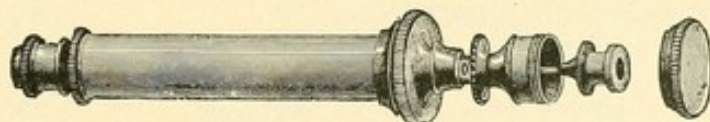
With Glass Barrel, protected by a Metal Cylinder, open both sides, graduations on piston rod, with Metal Cap on end to prevent drying out of plunger. Case is made with round corners, and covered with light tan colored Calf Leather; it contains 4 Tablet vials, and is a very popular design....\$2 25



11

**No. 11\* ALUMINUM CASE HYPODERMIC SYRINGE.**

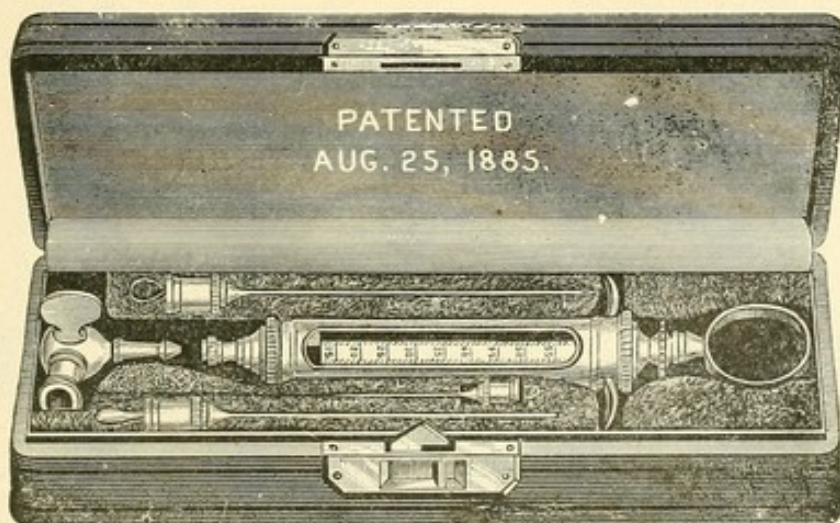
Improved, with 2 Needles and 4 Tablet Vials. This is one of the most popular cases on the market, \$1 50



12

**No. 12\* VEST POCKET HYPODERMIC SYRINGE.**

Needle held in piston rod, and end cap made with receptacle for tablets.....\$1 50



13

**No. 13\* ASPIRATING HYPODERMIC SYRINGE.**

With ringed finger grips, capacity 65 minims, with stop cock, one small needle, one large needle and one Aspirating Trocar. Each.....\$2 50

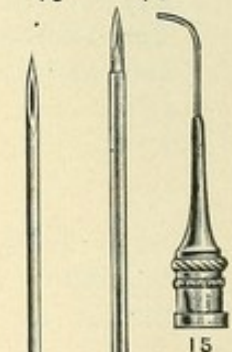
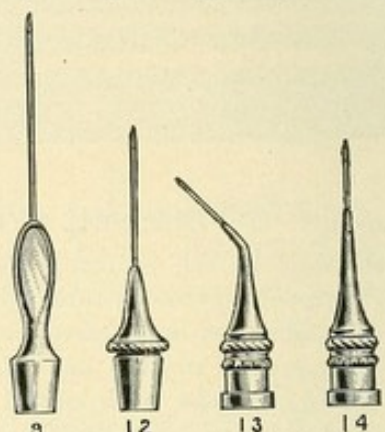
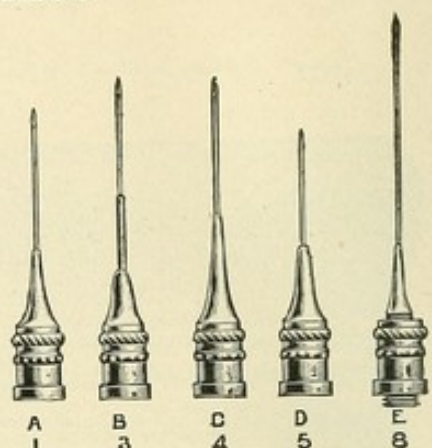
All instruments designated with a \* are illustrated.



## HYPODERMIC SUPPLIES.

## HYPODERMIC NEEDLES.

1 "A"*	Best Seamless.....	per doz., \$1 00; each, \$0 15	
2	Ordinary.....	60; 2 for 20	
3 "B"*	Best Seamless, reinforced		
		per doz., 1 25; each, 15	
4 "C"*	Ordinary, reinforced, " "	90; " 20	
5 "D"*	Best Seamless, Green's extra thin.....	per doz., 1 50; " 15	
5 "D"*	Ordinary, Green's extra thin, per doz., 1 35; " 15		
6	Best Seamless, Green's extra thin, reinforced, per doz., 2 00; " 20		
6	Ordinary, Green's extra thin, reinforced.....	per doz., 1 75; " 20	
8 "E"*	Best Seamless, P. D. & Co., per doz., 1 50; " 25		
8	Ordinary, P. D. & Co., per doz., 1 00; " 20		
9*	Walcher's, No. "O".....	" 35	
	10 Gold, like cut No. 1 "A".....	" 75	
	11 Platinum, like cut No. 1 "A".....	" 75	
	12* For Detmers - Robinson Syringe.....	" 25	
	13* Curved Dental, reinforced, per doz., \$2 00; " 25		
	14* Straight Dental, reinforced, per doz., \$2 00; " 25		
	15* Lachrymal Canula, silver, reinforced... each, \$0 75		
	16* Lachrymal Canula, silver.....	" 50	
	17* Aspirator Needles, all sizes.....	" 30	
	18* Aspirator Trocar and Canula.....	" 60	
	19* Guarded Needle, gold point for injecting Haemorrhoids.....	" 1 25	
	20* Probe pointed Canula, pure silver.....	" 75	
	21* Tonsil Needles, Horton's.....	" 1 25	
	22* Hernia Needles, Warren's.....	" 1 50	
	23* Reversible Stop-cock, for aspirating..	" 50	

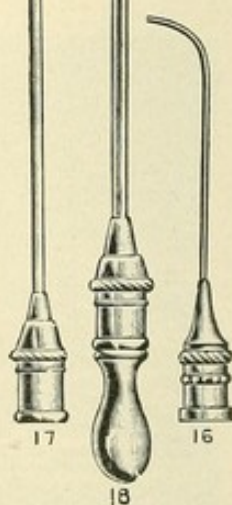
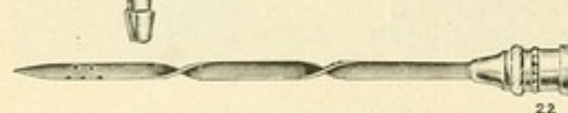
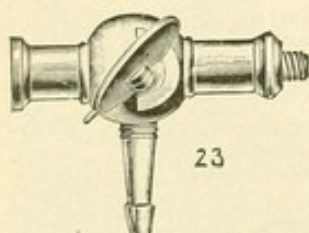


## REPAIRS.

New packing put in Syringe.....	\$0 15
New plain barrel and packing.....	30
New graduated barrel and packing.....	45
Bundle of wires.....	05
Reamers for Needles.....per doz.,	60
Oil Stones.....	25

We carry a full line of Hypodermic Tablets.

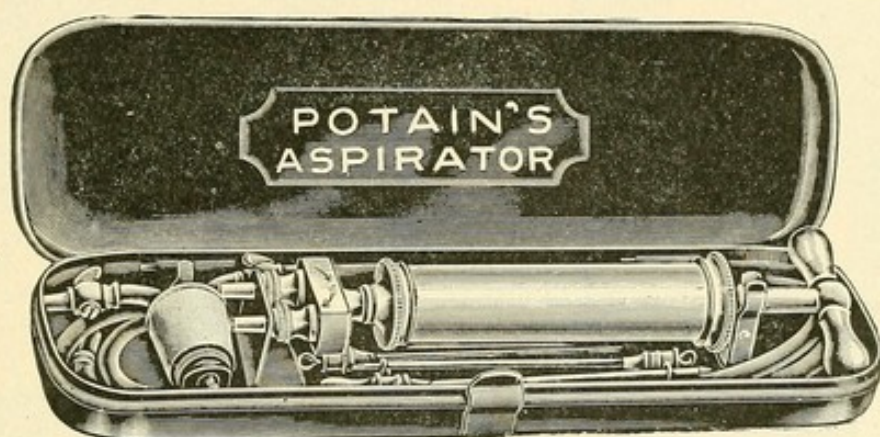
All Repairs Done on Short Notice.



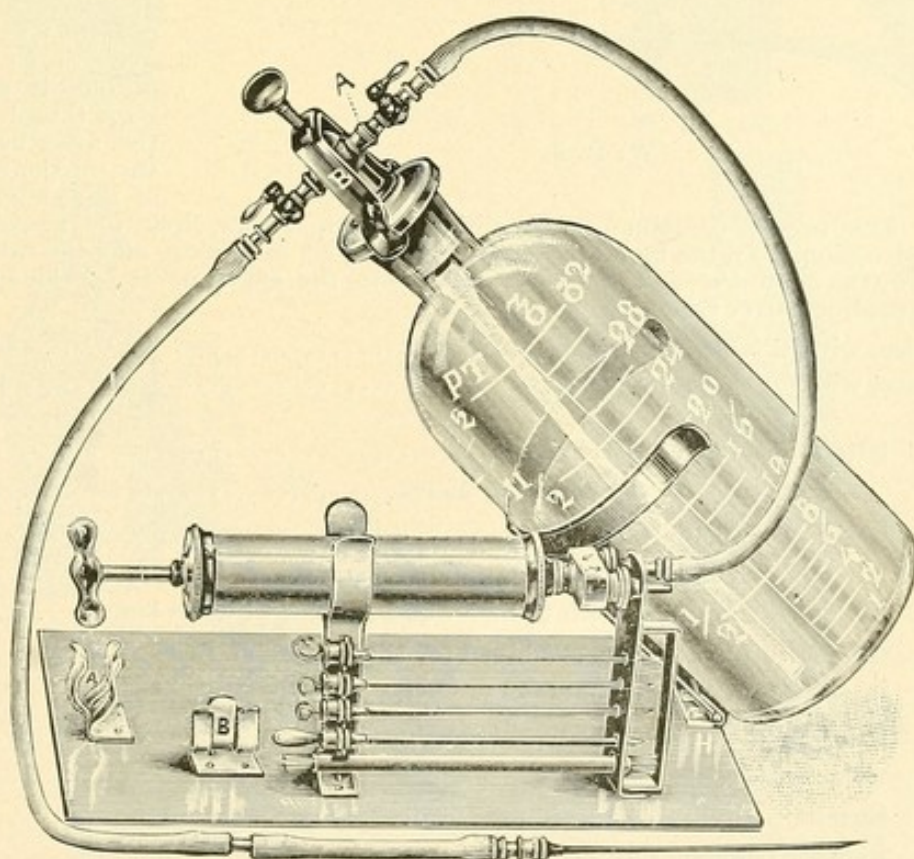


## ASPIRATORS.

- W. D. 9500. **Aspirator, Potains**, in metal case, with leather piston on Aspirator, with three Aspirator Needles and one Trocar, can be used on any bottle .....\$6.00
- W. D. 9508\*. **Aspirator, Potains**, with expanding German Silver Metallic plunger.... 7.00
- W. D. 9516. **Aspirator, Potains**, with the addition of a set of three Fitch improved trocars, with drain and stop cock on canula.....12.00
- W. D. 9524\*. **Aspirator, Potains**, in leather covered case, same as W. D. 9500, with a graduated bottle. The most popular outfit.....Grade A, \$12.00; Grade B, 9.50
- W. D. 9532. **Aspirator Syringe** ..... " " 3.00; " " 2.25



W. D. 9500-08.



W. D. 9524.

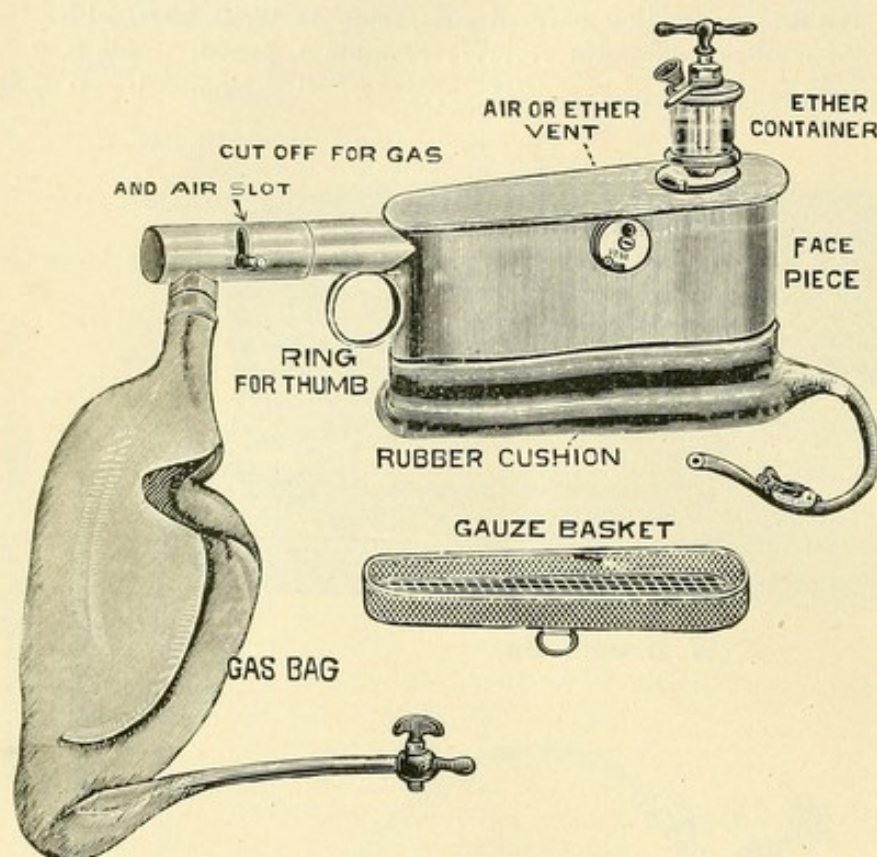


## ANÆSTHETIC.

## Nitrous Oxid Inhalers, Gas, Etc.

## COMBINATION INHALER, by Dr. Samuel Iglauer, Cincinnati, O.

For the Nitrous Oxid Ether Series or for Nitrous Oxid or Ether separately. Also available for Ethyl Chloride and Ethyl Bromid.



W. D. 4.

This apparatus, in its simplified form, consists of a closed, accurately fitting metal face piece, with an inflatable rubber cushion. Within the face-piece is a wire basket for the gauze. Upon the top of the face-piece, is a detachable glass ether container, from which the ether can be fed at will (Modified after Brown). A short piece of metal tubing telescopes at one end with the face-piece. To the other end of this tubing a large rubber bag for the nitrous oxid is attached. A small lever projects through an air slot in the tube and controls an obturator valve which prevents the nitrous oxid from escaping before it is desired. On the sides of the face-piece are two openings through which ether or air may be admitted, if necessary. A large thumb ring enables the anæsthetist to hold the inhaler and the angle of the patient's jaw with

one hand. This inhaler combines the qualities of compactness, lightness, convertibility and simple construction. All the metal parts can be sterilized by boiling and the rubber parts by alcohol. For the administration of nitrous oxid alone, the apparatus is provided with a three-way valve (modified after Goldan.)

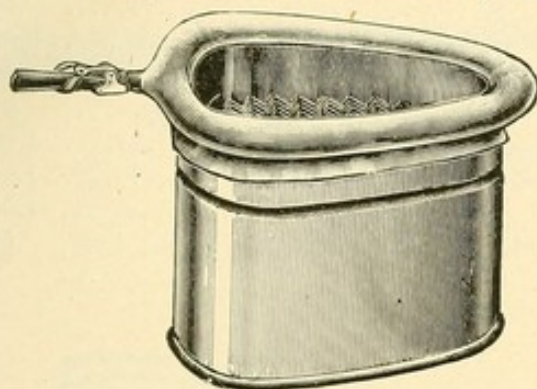
Price, with three-way valve.....\$25.00  
Price, without three-way valve, as cut ..... 20.00

W. D. 12.	Nitrous Oxid Gas, 100 gallons.....	\$2.00
W. D. 20.	“ “ “ Cylinder for above.....	4.00
W. D. 28.	Oxygen, 40 gallon.....	2.00
W. D. 36.	“ Cylinder only for 40 gallon.....	4.00
W. D. 44.	“ 200 gallon with Cylinder and Inhaler which is loaned.....	10.00
W. D. 52.	Gwathmey's Inhaler, combined for Nitrous Oxide Gas and Ether.....	33.00
W. D. 60.	Bennett's Inhaler, combined for Nitrous Oxide Gas and Ether.....	36.00
W. D. 68.	Duplex Inhaler, may be used for Ether or Chloroform or both.....	12.50
W. D. 70.	Vernon Harcourt's Inhaler, complete.....	40.00
W. D. 72.	Hewitt's Inhaler, latest improved.....	60.00
W. D. 74.	Barth's Inhaler, for Nitrous Oxide Gas.....	40.00

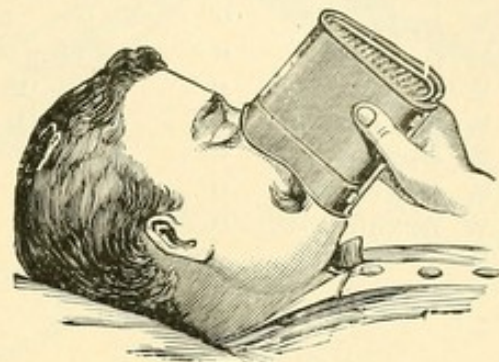


## ANÆSTHETIC.

W. D. 76*.	Inhaler, Ether, Allis, with inflatable hood.....	\$3.00
W. D. 84*.	" " " without hood .....	2.25
W. D. 92.	" " folding, Fowler's.....	2.00
W. D. 100*.	" " Blake's, with inflatable hood and removable sieve .....	2.50
W. D. 108*.	" " Townsend's, with inflatable hood and permanent sieve.....	2.25
W. D. 116*.	Northrop's Dropper, steel, to use with Squibbs Can.....	.75
W. D. 124*.	Ether Bottle, Polyclinic.....	.90
W. D. 132*.	Ether or Chloroform Bottles, glass stoppered, metal tops, 2 oz., 20 cents; 4 oz., 20 cents; 6 oz., 25 cents; 8 oz., 30 cents.	



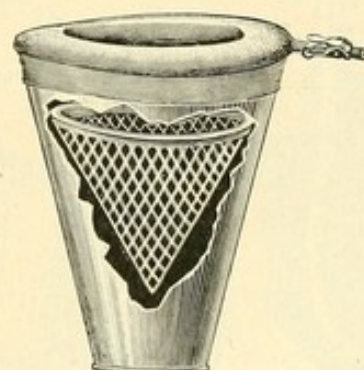
W. D. 76.



W. D. 84.



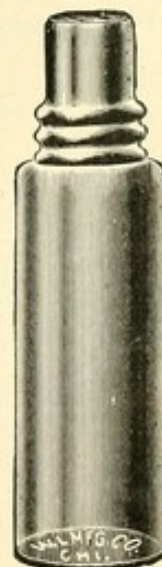
W. D. 108.



W. D. 100.



W. D. 124.



W. D. 132.



W. D. 116.





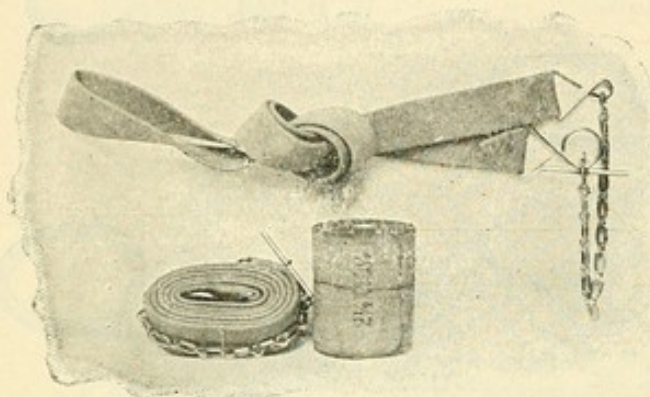




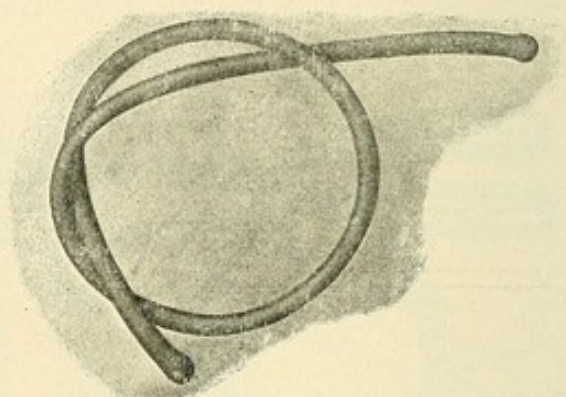


## TOURNIQUETS.

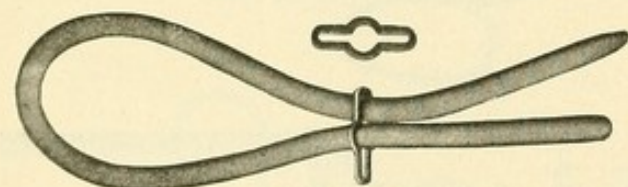
- W. D. 334. Tourniquets, Esmarch, folded rubber, 36 inches round, 1 inch wide, with chain hook.....\$1.00
- W. D. 335\*. Tourniquets, Esmarch, as above, with pure gum bandage, 2½ in. x 10½ ft. long extra heavy quality..... 2.00
- W. D. 336. Tourniquets, U. S. Army, 36 inches long, tubular, both ends plugged with ball..... 1.00
- W. D. 337. Tourniquets, Brewers, solid, tubular, 24 inches long, with nickel-plated steel catch..... 1.25
- W. D. 338. Tourniquets, Instantaneous, 24 inches long, rubber cord with hard rubber slotted catch..... .30



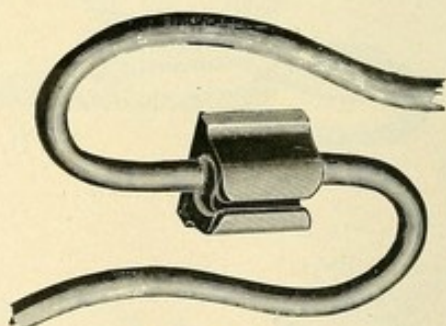
W. D. 335.



W. D. 336.



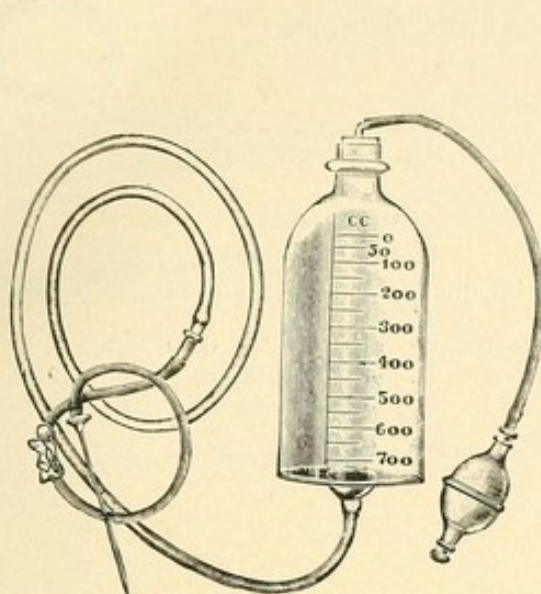
W. D. 337.



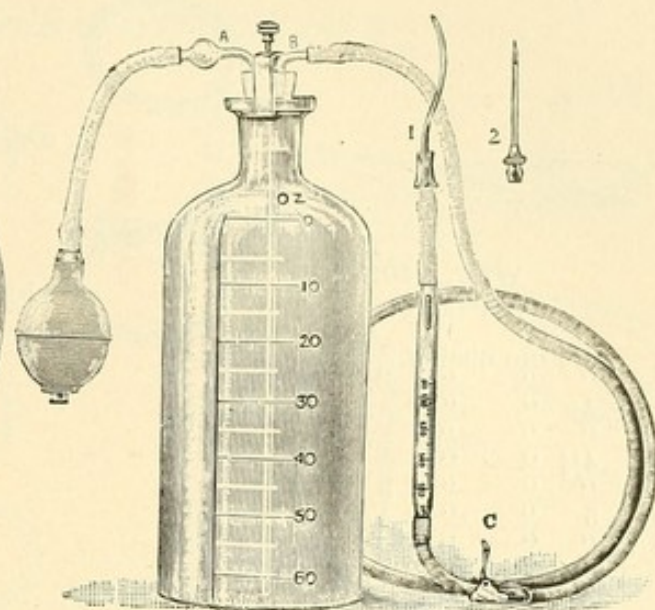
W. D. 338.



## INFUSION APPARATUS.



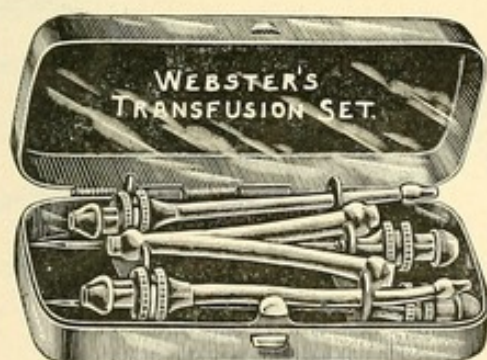
W. D. 340.



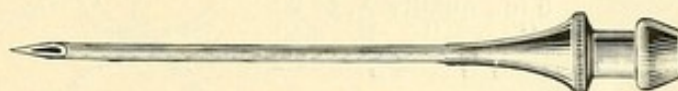
W. D. 348.

**W. D. 340\*. Kelley's Infusion Apparatus**, consisting of a graduated glass reservoir, fitted with stopper and clamp, to keep stopper from blowing out, force bulb, 3 foot rubber tubing with pinch cock, needle, and 100 normal salt tablets complete in a box, \$3 00

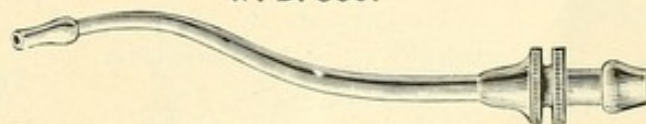
**W. D. 348\*. Fowler's Infusion Apparatus** consists of a 60 oz. graduated bottle, with a clamp on the rubber stopper. The bottle may be placed in a basin of hot water while in use, thus regulating the temperature of the solution, which is shown by the thermometer inserted in the tubing, complete with with bulb, thermometer and 2 needles, 5.00



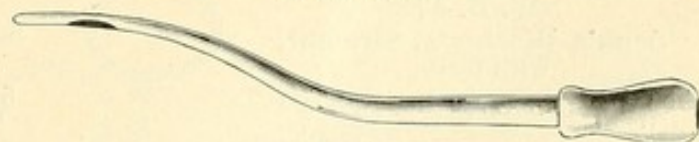
W. D. 364.



W. D. 380.



W. D. 404.



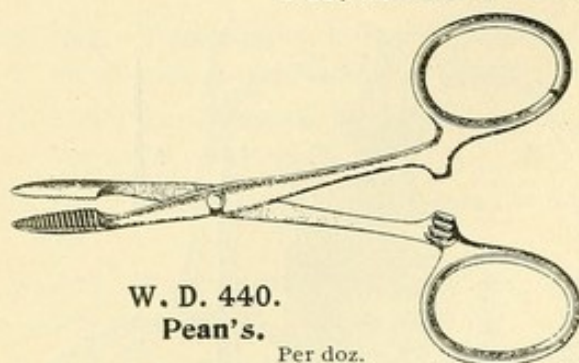
W. D. 412.

W. D. 356.	Senns' Infusion Apparatus	\$6.50
W. D. 364*.	Webster's Infusion Apparatus, set No. 1, with two blunt and two sharp Needles, and Y in Compact Case	1.85
W. D. 372.	Webster's, set No. 2, with two blunt and two sharp Needles, one Syphon Tube, one Y Tube, with necessary rubber tubing in Compact Case, very handy to use on fountain syringe	2.50
W. D. 380*.	Infusion Needle, straight, sharp	.35
W. D. 388.	" " curved, "	.75
W. D. 396.	Transfusion Needle, straight, blunt	.30
W. D. 404*.	" " curved, " Webster's	.65
W. D. 412*.	" " double curve, blunt	.75
W. D. 420.	" " " sharp	.75



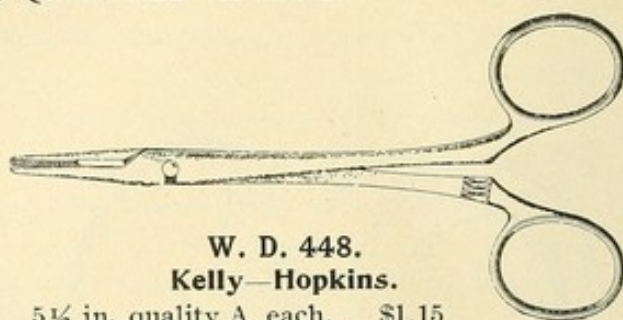
## HAEMOSTATIC FORCEPS.

FURNISHED IN TWO QUALITIES—A and B.



**W. D. 440.  
Pean's.**

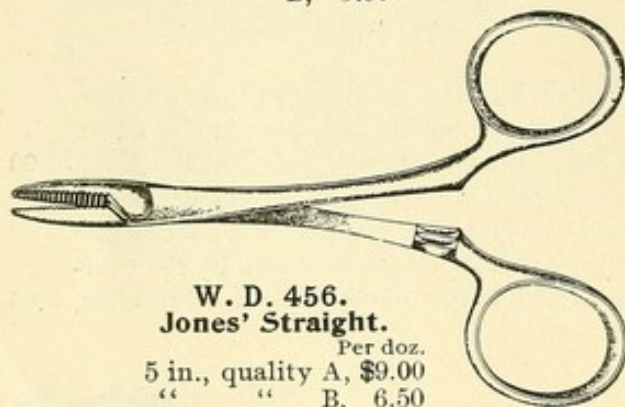
	Per doz.
3½ in., quality A,	\$4.50
" " " B,	3.00
4 " " A,	4.50
" " " B,	3.00
4½ " " A,	4.50
" " " B,	3.00
5 " " A,	5.50
" " " B,	4.00
5½ " " A,	6.50
" " " B,	5.00



**W. D. 448.**

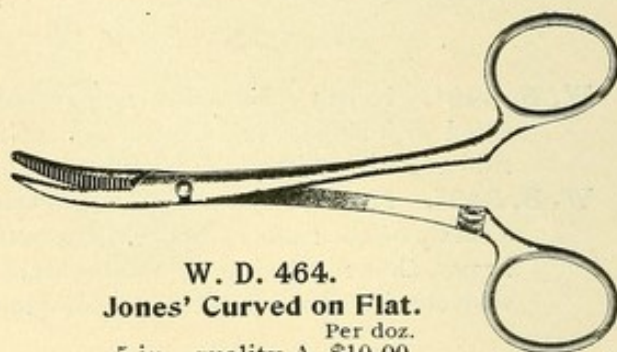
**Kelly-Hopkins.**

5½ in., quality A, each,	\$1.15
" " A, per doz.,	9.60
" " B, " "	6.00



**W. D. 456.  
Jones' Straight.**

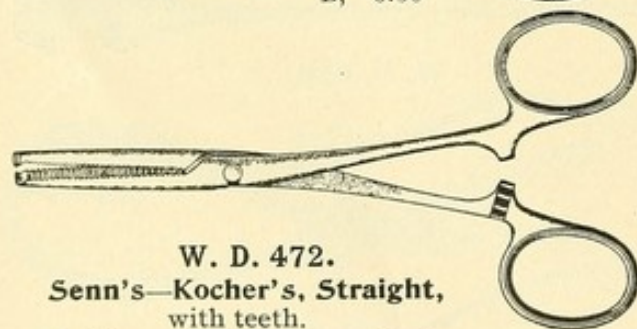
	Per doz.
5 in., quality A,	\$9.00
" " B,	6.50



**W. D. 464.**

**Jones' Curved on Flat.**

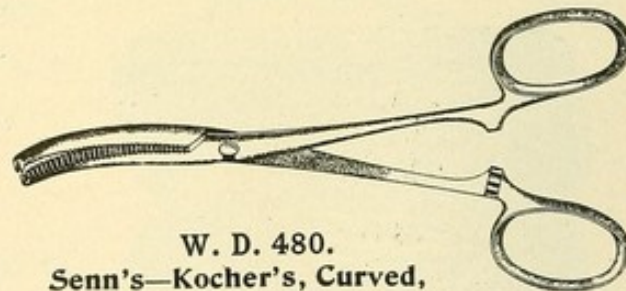
	Per doz.
5 in., quality A,	\$10.00
" " B,	7.00



**W. D. 472.**

**Senn's-Kocher's, Straight,  
with teeth.**

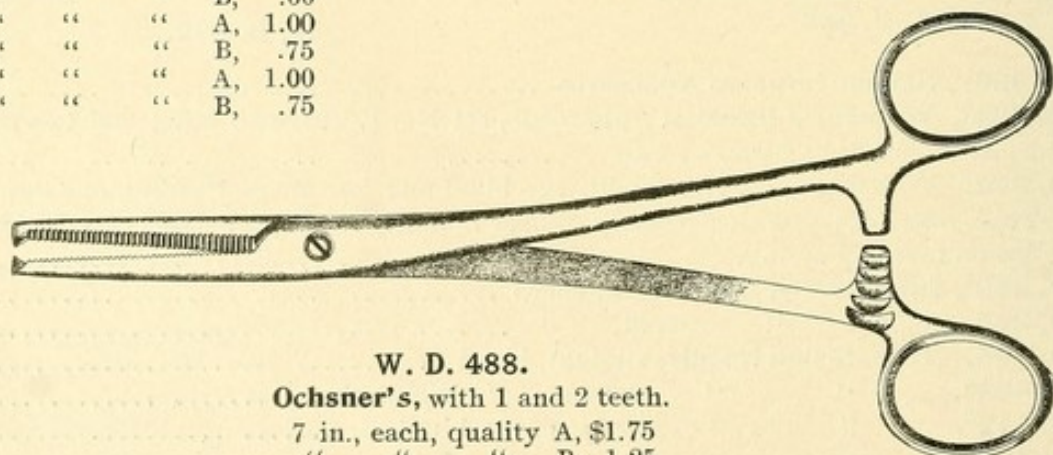
4½ in., each, quality A,	\$0.90
" " " B,	.60
5 " " A,	1.00
" " " B,	.75
6 " " A,	1.00
" " " B,	.75



**W. D. 480.**

**Senn's-Kocher's, Curved,  
with teeth.**

5 in., each, quality A,	\$1.25
" " " B,	1.00



**W. D. 488.**

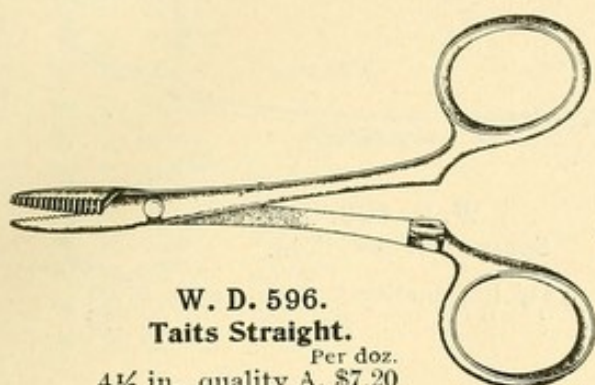
**Ochsner's, with 1 and 2 teeth.**

7 in., each, quality A,	\$1.75
" " " B,	1.25

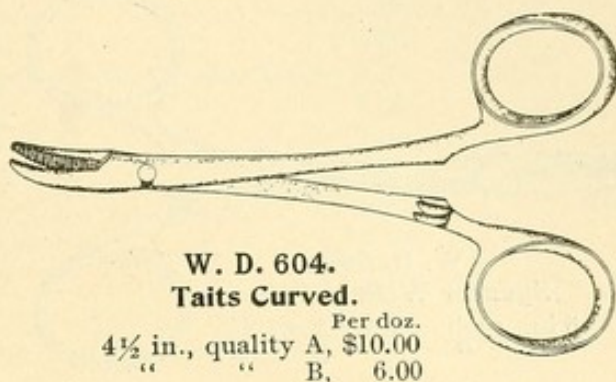


## HÆMOSTATIC FORCEPS.

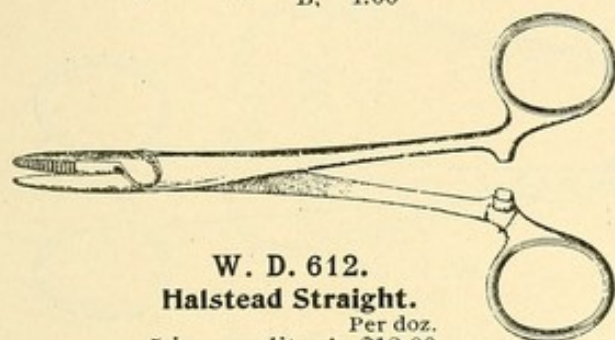
FURNISHED IN TWO QUALITIES—A and B.



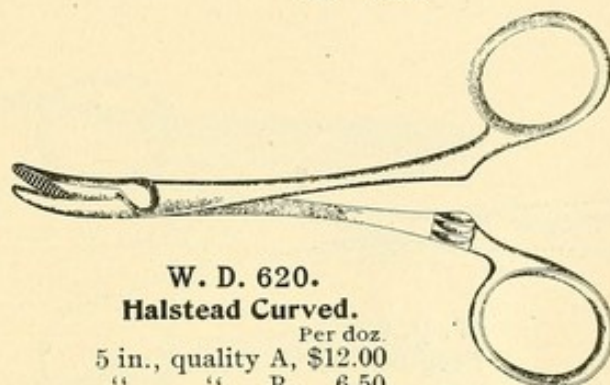
**W. D. 596.**  
**Tait's Straight.**  
Per doz.  
4½ in., quality A, \$7.20  
" " B, 4.00



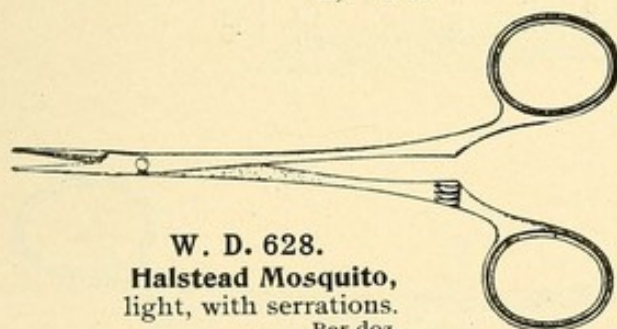
**W. D. 604.**  
**Tait's Curved.**  
Per doz.  
4½ in., quality A, \$10.00  
" " B, 6.00



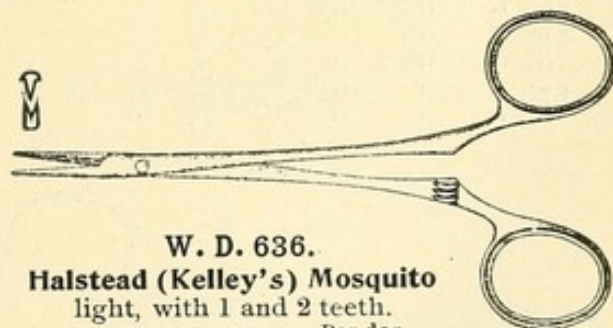
**W. D. 612.**  
**Halstead Straight.**  
Per doz.  
5 in., quality A, \$12.00  
" " B, 6.00



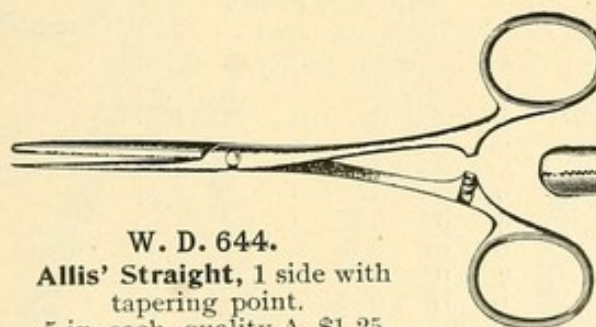
**W. D. 620.**  
**Halstead Curved.**  
Per doz.  
5 in., quality A, \$12.00  
" " B, 6.50



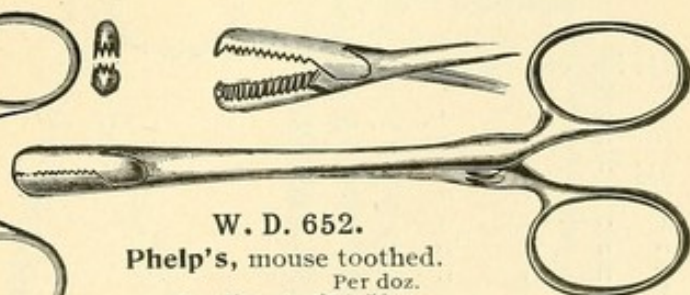
**W. D. 628.**  
**Halstead Mosquito,**  
light, with serrations.  
Per doz.  
5 in., quality A, \$9.60  
" " B, 6.75



**W. D. 636.**  
**Halstead (Kelley's) Mosquito**  
light, with 1 and 2 teeth.  
Per doz.  
5 in., quality A, \$12.00  
" " B, 7.50



**W. D. 644.**  
**Allis' Straight,** 1 side with  
tapering point.  
5 in. each, quality A, \$1.25  
" " B, .65



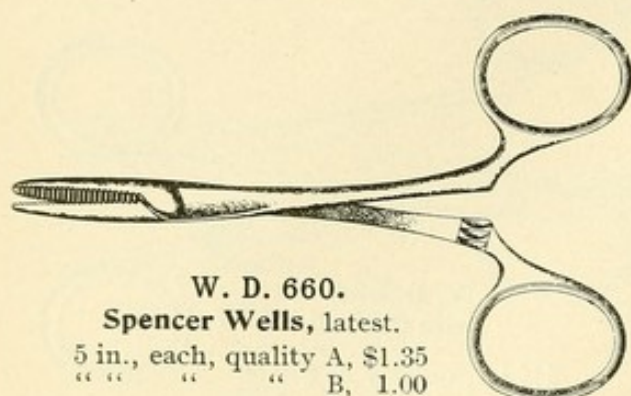
**W. D. 652.**  
**Phelp's, mouse toothed.**  
Per doz.  
Quality A, \$10.50  
Quality B, 7.50

**W. D. 646.**  
**Allis' Curved,** 1 side with  
tapering point.  
5 in. each, quality A, \$1.25  
" " B, .65

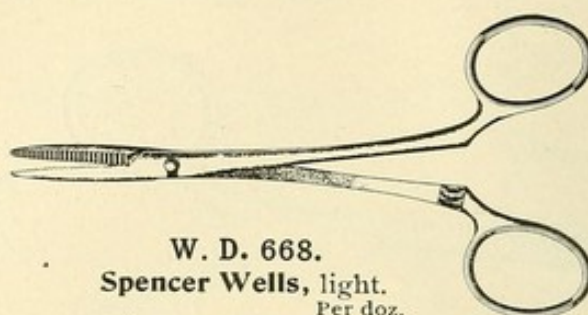


# HAEMOSTATIC FORCEPS.

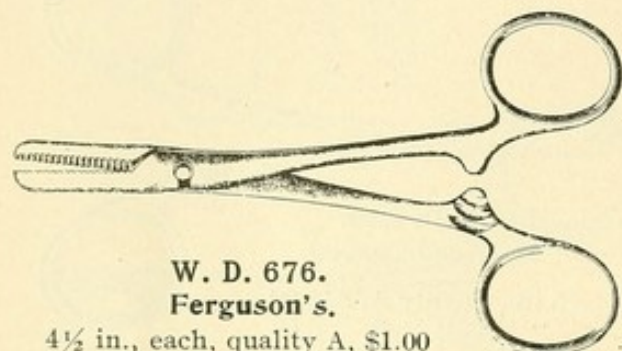
FURNISHED IN TWO QUALITIES—A and B.



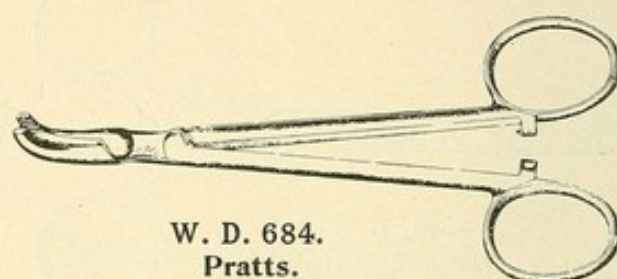
**W. D. 660.**  
**Spencer Wells, latest.**  
5 in., each, quality A, \$1.35  
" " " " B, 1.00



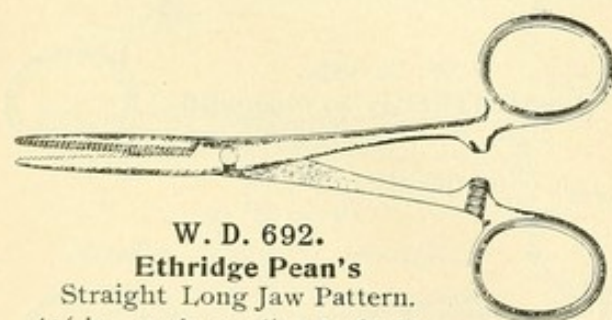
**W. D. 668.**  
**Spencer Wells, light.**  
Per doz.  
4 3/4 in., quality A, \$9.60; each, \$1.00  
" " " " B, 8.00; " .75



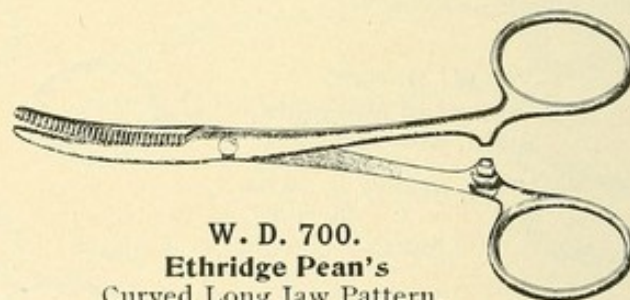
**W. D. 676.**  
**Ferguson's.**  
4 1/2 in., each, quality A, \$1.00  
" " " " B, .65  
5 1/2 " " " " A, 1.25  
" " " " B, .75  
6 1/2 " " " " A, 1.50  
" " " " B, .85



**W. D. 684.**  
**Pratt's.**  
5 1/2 in., each, quality A, \$1.25  
" " " " B, .85  
8 " " " " A, 1.50  
" " " " B, 1.00



**W. D. 692.**  
**Ethridge Pean's**  
**Straight Long Jaw Pattern.**  
4 1/2 in., each, quality A, \$1.00  
" " " " B, .55  
5 " " " " A, 1.20  
" " " " B, .55  
5 1/2 " " " " A, 1.20  
" " " " B, .65  
6 " " " " A, 1.35  
" " " " B, .75  
7 " " " " A, 1.50  
" " " " B, .85  
8 " " " " A, 1.75  
" " " " B, 1.00



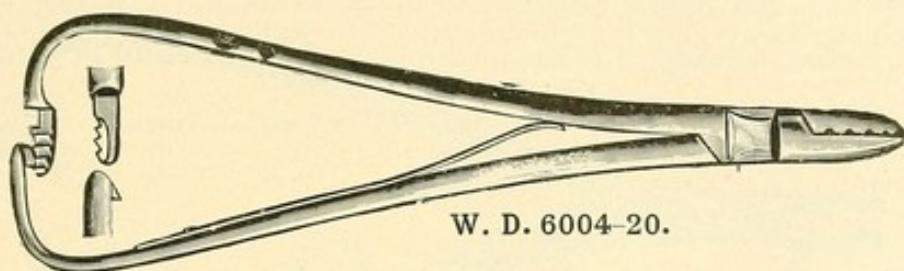
**W. D. 700.**  
**Ethridge Pean's**  
**Curved Long Jaw Pattern.**  
4 1/2 in., each, quality A, \$1.25  
" " " " B, .60  
5 " " " " A, 1.25  
" " " " B, .65  
5 1/2 " " " " A, 1.35  
" " " " B, .75  
6 " " " " A, 1.50  
" " " " B, .85  
7 " " " " A, 1.75  
" " " " B, 1.00  
8 " " " " A, 2.00  
" " " " B, 1.25

W. D. 708.	Mayo—Carmalt, 6 1/4 inches.....	\$1.35
W. D. 716.	Thornton's T shape .....	1.25
W. D. 724.	Wyeth's long jaw.....	1.25

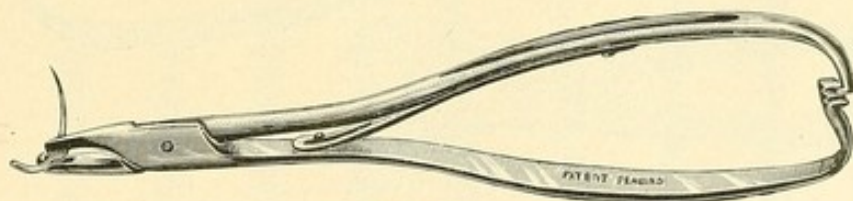


## NEEDLE HOLDERS.

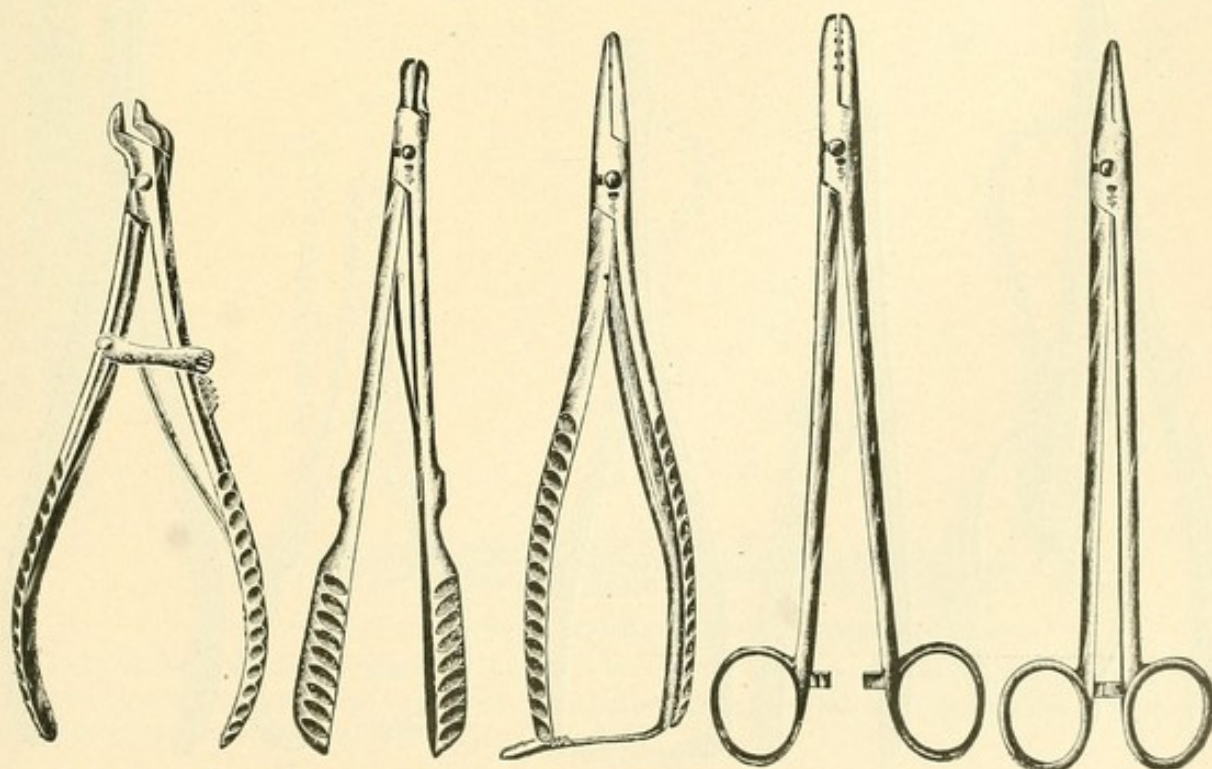
					Quality A.	Quality B.
W. D. 6004.	Mathieu's Needle Holder,	5½ inches	.....		\$2.00.....	\$1.00
W. D. 6012.	"	"	7 "	.....	2.25.....	1.00
W. D. 6020*.	"	"	8 "	.....	2.50.....	1.50
W. D. 6028.	Richter's	"	holds any style of needle, 5½ in.	.....	3.50.....	
W. D. 6036*.	"	"	" " " " 7 "	.....	3.50.....	
W. D. 6044.	"	"	" " " " 8 "	.....	3.50.....	
W. D. 6052*.	Kelly's	"	"	.....	4.00.....	
W. D. 6060*.	Emmett's	"	"	.....	2.25.....	1.80
W. D. 6068*.	McBurney's	"	6 inches	.....	2.50.....	
W. D. 6076.	"	"	8 "	.....	3.00.....	
W. D. 6084*.	Crosby's	"	"	.....	2.25.....	
W. D. 6092*.	Hegar's	"	"	.....	2.25.....	



W. D. 6004-20.



W. D. 6028.



W. D. 6052.

W. D. 6060.

W. D. 6068.

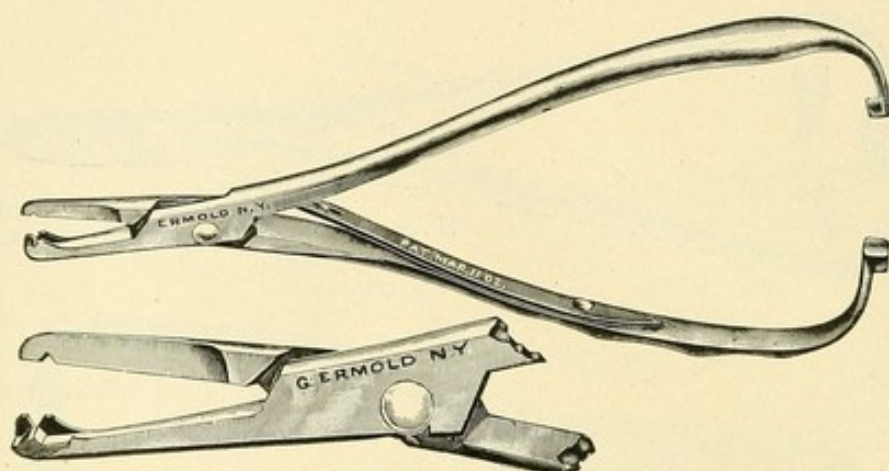
W. D. 6084.

W. D. 6092.

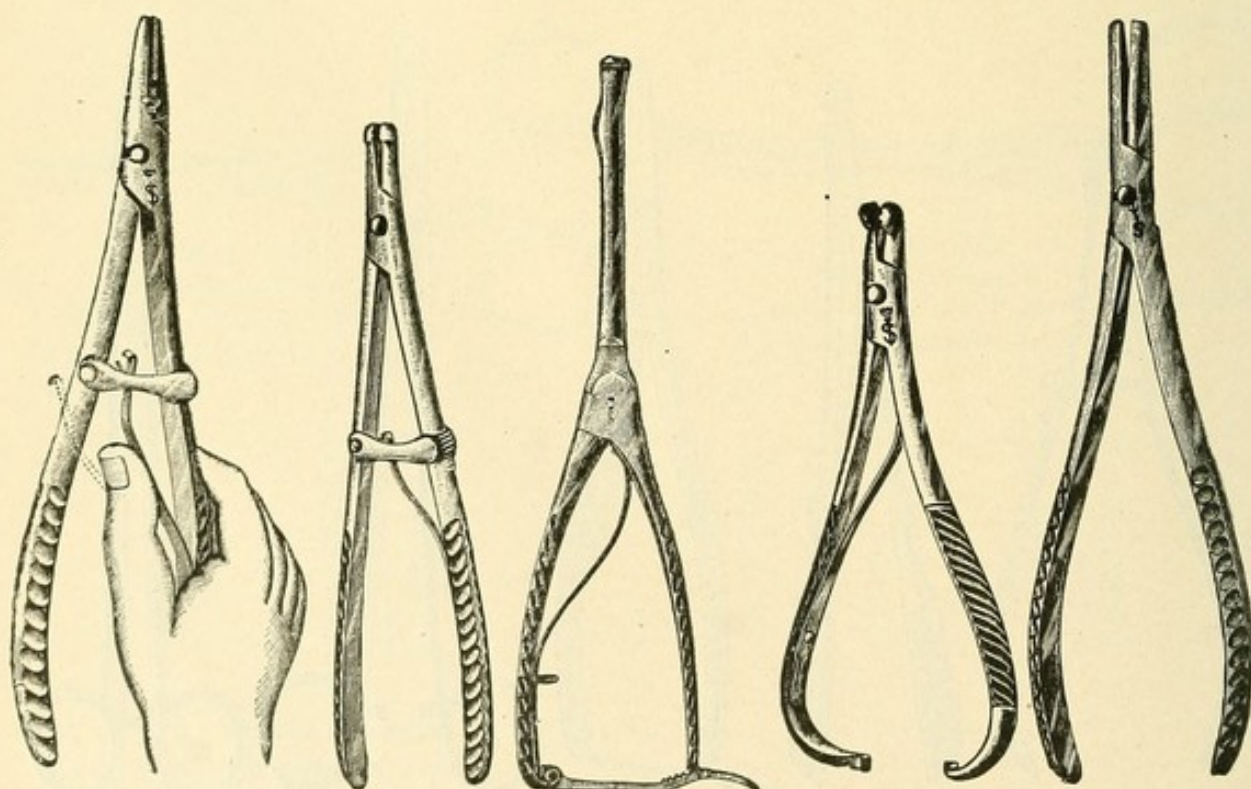


## NEEDLE HOLDERS.

				Quality A.	Quality B.
W. D. 6108*.	Universal Needle Holder,	holds any style needle.....		\$3.50.....	
W. D. 6116*.	Reiner's	" " 6 inches.....		2.40.....	\$1.75
W. D. 6124.	"	" " 8 " .....		3.00.....	2.25
W. D. 6132*.	Russian	" " .....		2.25.....	2.00
W. D. 6140.	Hagedorn's	" " 5½ inches.....		4.50.....	3.50
W. D. 6148*.	"	" " 6¼ " .....		5.00.....	4.00
W. D. 6156.	"	" " 8¼ " .....		5.75.....	4.50
W. D. 6164*.	Ethridge's	" " .....		2.50.....	1.75
W. D. 6172*.	Martin's	" " .....		1.75.....	1.35
W. D. 6180.	Mayo—Richter's Needle Holder	.....		5.00..	



W. D. 6108.



W. D. 6116.

W. D. 6132.

W. D. 6140-56.

W. D. 6164.

W. D. 6172.



## AMPUTATING AND MINOR OPERATING.

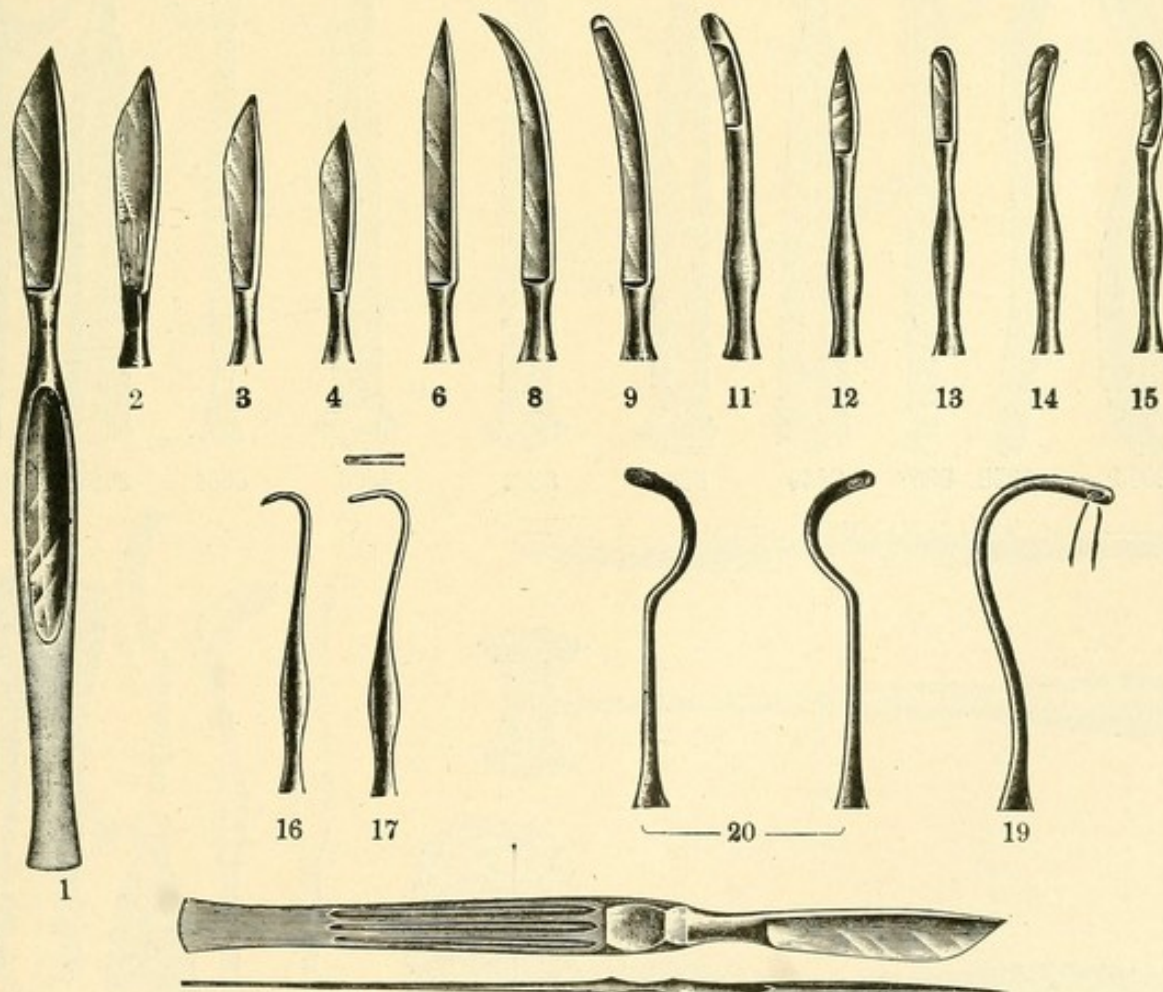
Fig. 1*	Minor Operating Scalpels, large.	
" 2*	" " " medium.	
" 3*	" " " small.	
" 4*	" " " extra small.	
" 5	" " " Tait's abdominal, small.	
" 6*	" " " Bistoury, straight, sharp pointed.	
" 7	" " " " " blunt " "	
" 8*	" " " " " curved, sharp " "	
" 9*	" " " " " blunt " "	
" 10	" " " " " sharp " " double edged.	
" 11*	Hernia Knife.	
" 12*	Tenotome, sharp point.	
" 13*	" " blunt " Sayre's	
" 14*	" " convex, " "	
" 15*	" " concave, " "	
" 16*	Tenaculum.	
" 17*	Aneurism Needle.	

All of the above are furnished same as the Amputating Knives of solid steel, one piece, with concave handles; the latter are finished in sand blast, with the concaved part bright nickel.

Price, Best Quality, each, \$1.00; in dozen lots, assorted, \$10.00.

Plain Quality, each, 75c.

Fig. 18	Aneurism Needles, set, Mott's	\$2 25
" 19*	" " heavy, long curve	1 50
" 20*	" " spiral, right and left, each	1 25



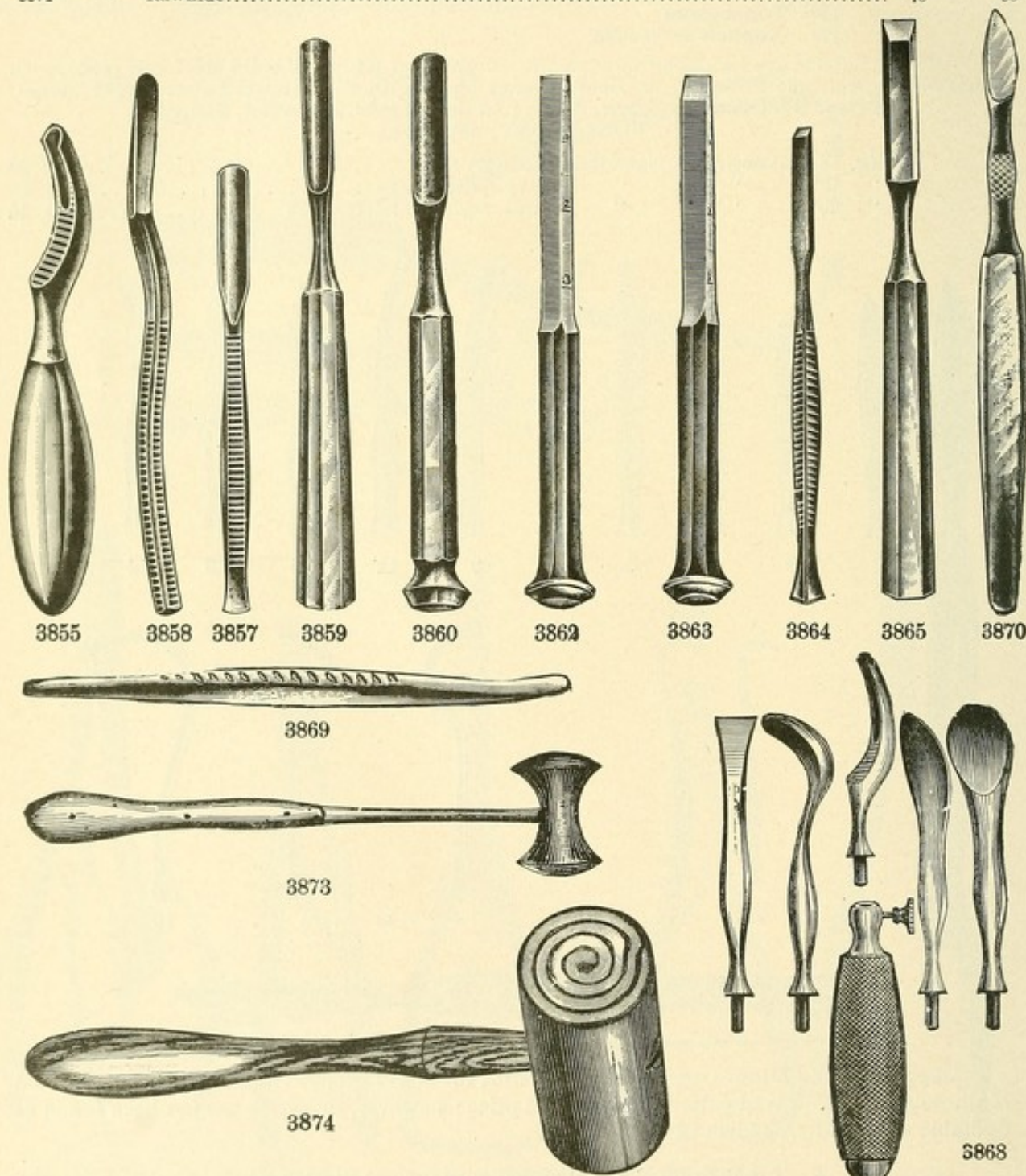
Amputating and Minor Operating Knives with the above grooved handle, furnished instead of the solid steel concaved pattern, at the same price; however, this style has not been found as desirable as the latter, shown in Fig. 1.

All Instruments designated with a \* are illustrated.



## BONE GOUGES, CHISELS, ETC.

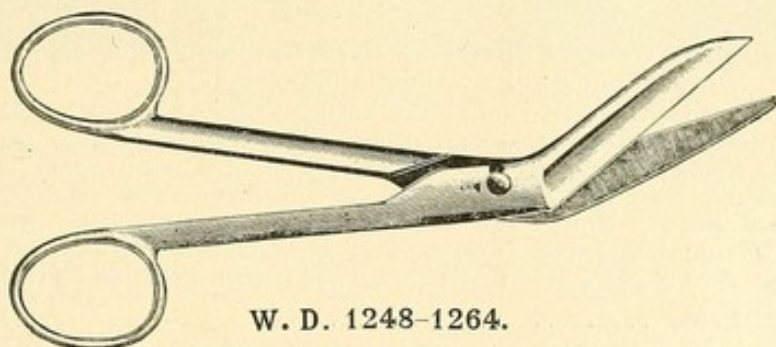
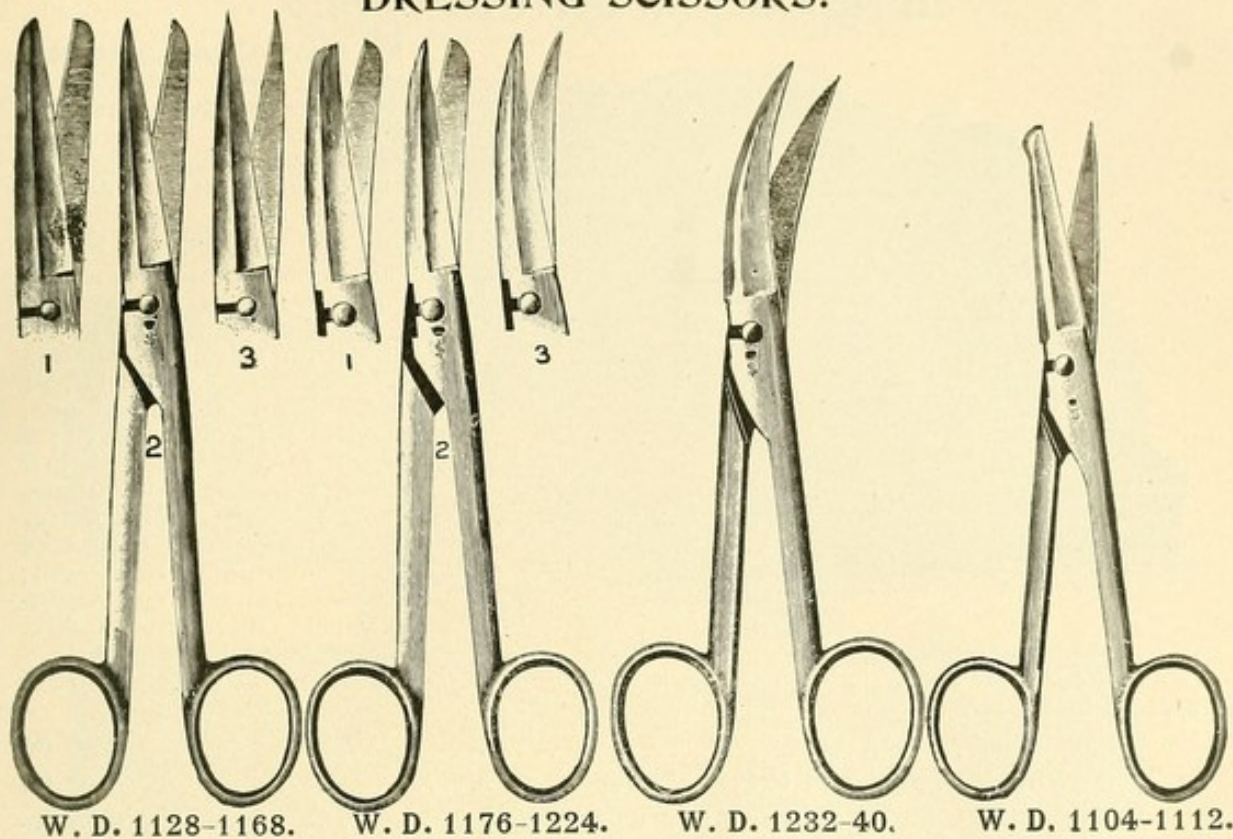
		Qual. A.	Qual. B.
3855*	Gouge, Szymanowski's	\$1 75	\$1 20
3856	" Curved	1 00	80
3857*	" Plain	60	45
3858*	" Gerber's	1 00	60
3859*	" Von Brun's Straight	1 10	85
3860*	" McEwen's Straight, 3 widths	1 50	1 05
3861	" Curved 3 "	1 75	1 15
3862*	Chisel, " Osteotome with attenuated double inclined plane	1 50	90
3863*	" " with beveled edge	1 50	90
3864*	" Plain	60	40
3865*	" Von Brun's	1 00	85
3866	" Long Handled	1 50	1 25
3867	" Szymanowsky's	2 00	1 50
3868*	Chisels and Gouges, Darby's set aseptic in case	4 50	3 75
3869*	Periosteotome, Sayres'	1 00	75
3870*	" Sand's	1 75	1 35
3871	" Rickett's	1 75	1 45
3872	" Elevator, Goodwillies	1 50	1 25
3873*	Flallet, Lead Filled, non-rebounding	1 50	1 15
3874*	" Rawhide	75	55



All Instruments designated with a \* are illustrated.



### DRESSING SCISSORS.



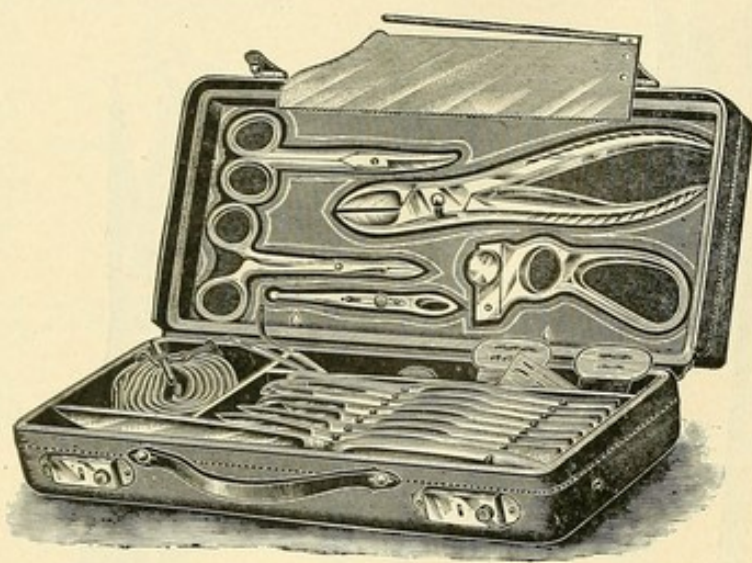
W. D. 1248-1264.

W. D. 1243-1264.		Grade A.	Grade B.
W. D. 1104.	Scissors, straight, with one probe point, $4\frac{1}{2}$ inches	\$0.75	\$0.55
W. D. 1112.	" " " " " 5 inches	.90	.75
W. D. 1128.	" " 4 inches, (see below)	.65	.35
W. D. 1136.	" " $4\frac{1}{2}$ " "	.70	.35
W. D. 1144.	" " 5 " "	.75	.40
W. D. 1152.	" " $5\frac{1}{2}$ " "	.80	.40
W. D. 1160.	" " 6 " "	.85	.50
W. D. 1168.	" " $7\frac{1}{4}$ " "	1.25	.75
W. D. 1176.	" curved on flat, 4 inches, (see below)	.75	.50
W. D. 1184.	" " " " $4\frac{1}{2}$ " "	.80	.50
W. D. 1192.	" " " " 5 " "	.85	.60
W. D. 1200.	" " " " 5 " (Mayo's, slightly curved, sharp)	1.00	
W. D. 1208.	" " " " $5\frac{1}{2}$ " "	.90	.60
W. D. 1216.	" " " " 6 " "	1.00	.70
W. D. 1224.	" " " " $7\frac{1}{4}$ " "	1.50	1.00
W. D. 1232.	" curved sideways, $5\frac{1}{2}$ inches, both points sharp or blunt	1.25	.90
W. D. 1240.	" " " " 6 " " " " " "	1.50	1.00
W. D. 1248.	" angular, $4\frac{1}{2}$ inches	.85	.60
W. D. 1256.	" " 5 " "	.90	.65
W. D. 1264.	" " 6 " "	1.10	.75
W. D. 1272.	" artery, with long probe point, straight	1.25	1.00
W. D. 1280.	" " " " " angular	1.50	1.25
W. D. 1288.	" hospital, heavy, 5 inches	1.00	.90
W. D. 1296.	" " " " $5\frac{1}{2}$ " "	1.10	1.00
W. D. 1304.	" Mayo's Flap dissecting	2.50	
W. D. 1312.	" Physicians' and Nurses', $6\frac{3}{4}$ inches	1.00	.90

When ordering these scissors, specify points desired, as illustrated: No. 1, both points blunt; No. 2, one sharp point and one blunt point; No. 3, both points sharp.



## GENERAL OPERATING CASES.



No. 8 A — Case Open.

The case has extra space in which the trephine and elevator can be placed. Size of case, 11 inches long, 5 inches wide, and 3 inches high.

Price ..... \$20 00

" with Trephine and Elevator added ..... 23 00

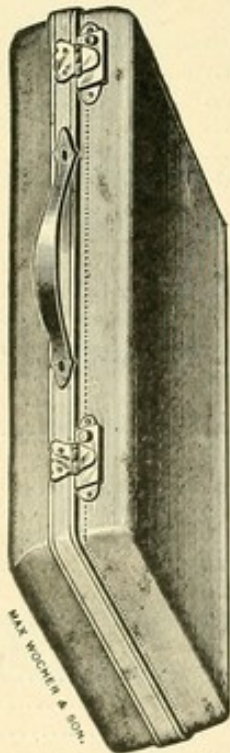
The above case can be furnished in a fine polished mahogany case instead of the sole-leather, if preferred.

**No. 8 B.\* Compact General Operating Case**, in a handsome, seamless sole-leather case, with handle. All instruments of latest aseptic design.

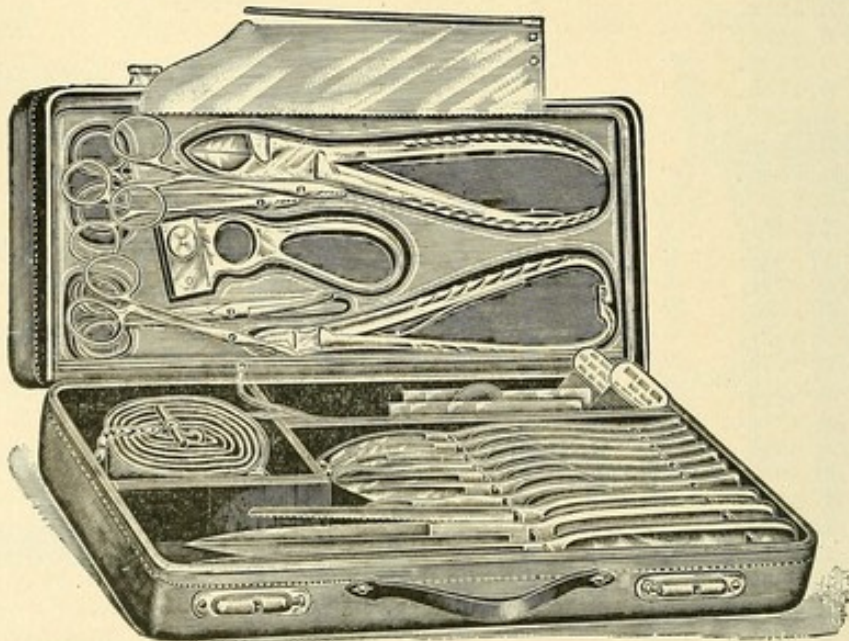
The contents comprise the following: Amputating Knife; Amputating Saw; Bone Forceps; Amputating Catling; Metacarpal Saw; Finger Knife; Sharp-pointed Curved Bistoury; Tenotome; Hernia Knife; 2 Scalpels; Tenaculum; 1 pair Curved Scissors; 1 pair Straight Scissors; 1 pair Pean's Hæmostatic Forceps; 3 pairs Lawson-Tait's Hæmostatic Forceps; Mathieu's Universal Needle Holder for Plain and Hagedorn Needles; Esmarch Rubber Tourniquet with chain; 1 Grooved Director and Aneurism Needle; Silver Probes, Silk, Needles and Wire. Size of case, 11¼ inches long, 5½ inches wide, and 3 inches high.

Price ..... \$25 00

" with Trephine and Elevator added ..... 28 00



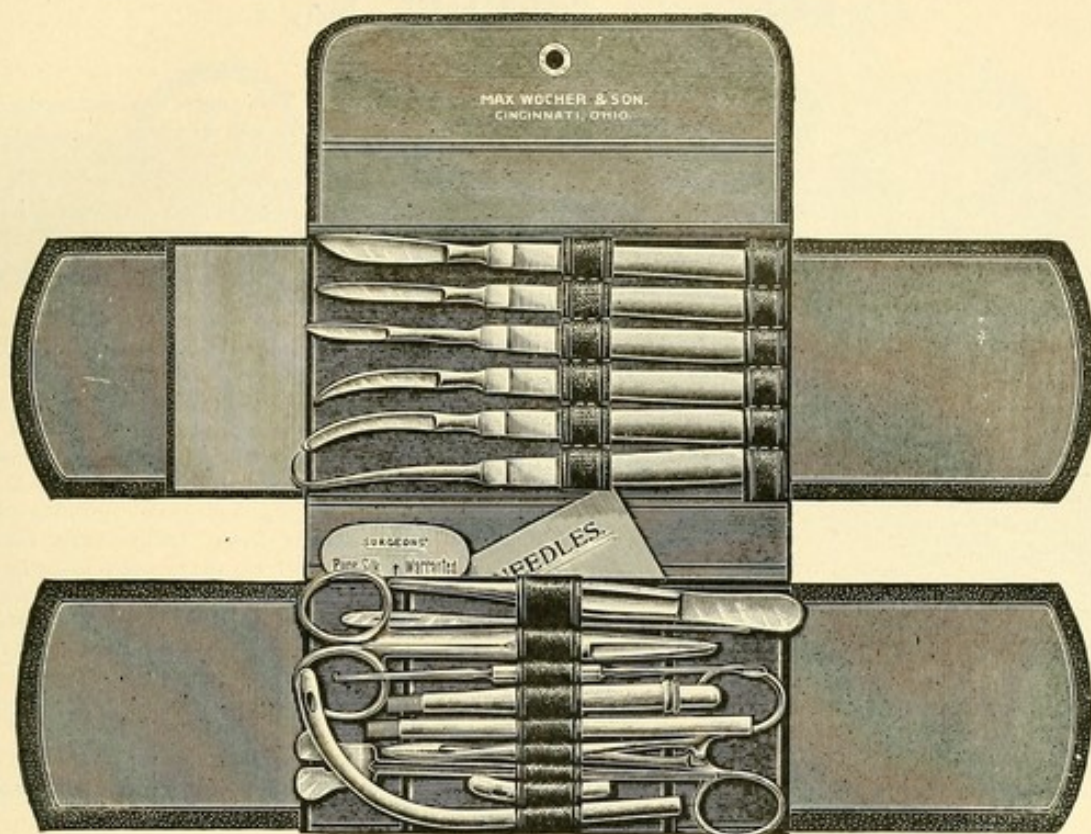
The above Case Closed.



No. 8 B — Case Open.



## SURGICAL POCKET CASES.



## LITTLE'S SURGICAL POCKET CASE.

This case has the same quality of knives as any of our standard cases, but the balance of the contents are made up in two grades. Size of case:  $5\frac{1}{2}$  inches long,  $2\frac{3}{4}$  inches wide, 1 inch thick.

Contents: Scalpel; straight bistoury; curved sharp-point bistoury; curved blunt-point bistoury; tenotome; tenaculum (or any combination of knives as may be desired); 1 Pean's haemostatic forceps; 1 pair scissors; combined male and female catheter with porte-caustic; probe; grooved director and tongue tie; Gross' ear hook and spoon; dressing forceps; exploring needle; needles and silk. In fine leather case.

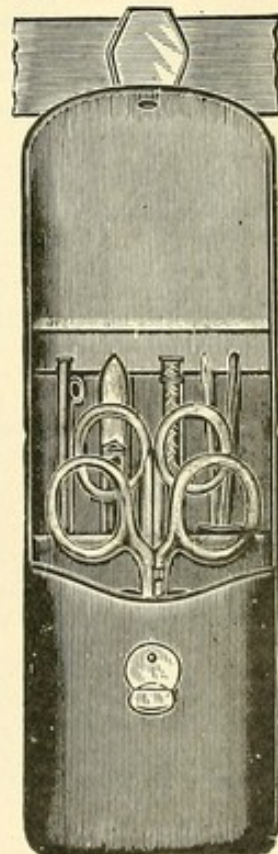
**No. 5A. Little's Surgical Case.** Quality A. Superior instruments.....\$6 00

**No. 5B. Little's Surgical Case.** Quality B. With same high grade knives as above, but having plainer catheters, probes, scissors, forceps, etc..... 4 75

**No. 18A. Wocher's Compact Vest-Pocket Case.** Contents: Wocher's Patent scalpel and straight bistoury; curved sharp and curved blunt-point bistouries; Pean's haemostatic forceps; scissors; dressing forceps; probe; grooved director and tongue tie; needles and silk. In fine leather case; size, 5 inches long,  $2\frac{5}{8}$  inches wide,  $\frac{3}{8}$  inch thick ..... 7 00

**No. 19A. Nurse's Case.** With strap to fasten to belt. Contents: Pean's haemostatic forceps; scissors; probes; female catheter; dressing forceps; magnifying clinical thermometer .... 4 50

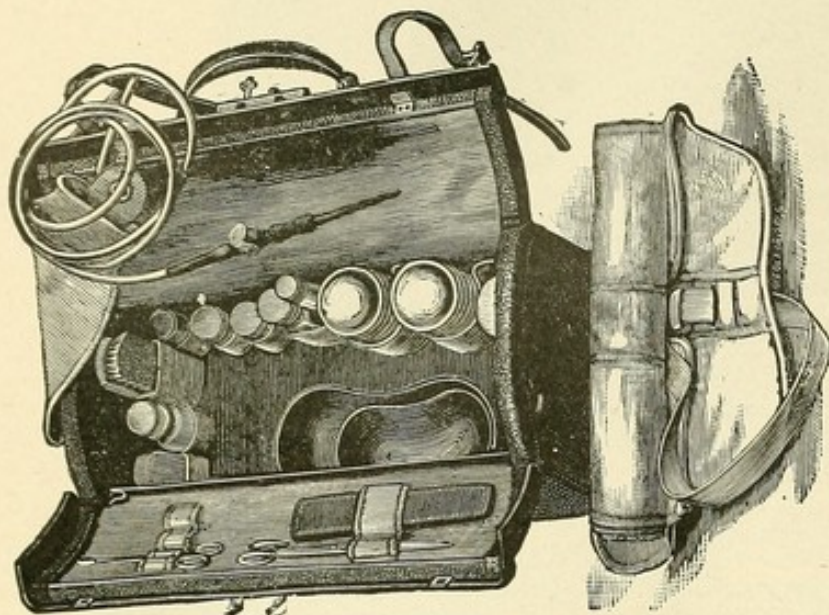
**No. 20A. Nurse's Favorite Outfit.** In case. Contents: Thermometer; hypodermic syringe; dressing forceps; female catheter; probe; director and tongue tie; haemostatic forceps; scalpel; scissors..... 4 50



19A



## EMERGENCY SATCHEL No. 1.



This case is intended for the use of those who are making a specialty of surgery, and who desire to have a case in readiness that contains a complete assortment of such instruments, dressings, and appliances as are necessary for use when the surgeon is suddenly called upon for action.

The satchel is of cabinet shape, and made of best dark grained leather with nickel-plated clasps and lock. It is lined with smooth, light colored French calf, and may be washed out inside if soiled. The loops extend down one side and across one end, and a large pocket extends down the other side as shown. On the under side of each lid are seven loops, although in the engraving they are only shown as on one lid. All the loops are made of the fair French calf, and after they contain everything we furnish with the

satchel, there are still a number left into which the doctor may put such things as he wishes to have always on hand. Contents are as follows:

- |  |   |
|--|---|
| 1 dozen Aseptic Sponges in fine screw capped bottle.   | 1 Pair Heavy Dressing Forceps.  |
| 1 Glass stoppered metal covered bottle for Chloroform, 4 oz.                                 | 1 Pair Heavy Scissors for removal of bandages, clothing, etc.   |
| 1 Glass stoppered metal covered bottle for Carbolic Acid, 2 oz.                              | 1 Fine Razor.   |
| 1 Bottle Carbolized Drainage tubes.  | 2 Pus Basins.   |
| 1 Bottle Corrosive Sublimate Tablets.  | 1-4 quart Fountain Syringe with Esmarch's Irrigating Nozzle.  |
| 1 Bottle with screw cap containing 1 dozen Surgeons needles, safety pins, plastic pins, etc. | 1 Esmarch Universal Bandage with Instructions on its use for all fractures and dislocations.                                |
| 1 Bottle Antiseptic Catgut Ligatures, 3 sizes.   | 1 Heavy Linen Roll with web strap and loops for such instruments as are needed and which may be washed any number of times. |
| 1 Bottle Antiseptic Silk Ligatures, 3 sizes.   | 2 Heavy Zinc Trays which fit into each other and over outside of bottom of bag.   |
| 1 H. R. Iodoform box and duster.   |   |
| 1 Instantaneous Tourniquet.  |   |
| 1 Nail Brush.  |   |
| 1 Box Hydronaphthol Soap.  |   |

The satchel has two straps with buckles which extend around the outside of the bag, and are so put on, that, when the satchel is closed they fit tight and hold on the pans or trays, but when the satchel is opened are loose enough to admit the trays being taken off without unbuckling them.

In getting up this Emergency Satchel it was our aim to furnish the surgeon with a bag that would hold everything that he finds necessary to have with him, and to furnish with it ONLY the dressings that he would have to have at any operation, and NOT the instruments, because most operators already have these, or at least have their own ideas as to what they want to use.

The satchel with the above contents in it has hardly begun to be full and the operator fills it with whatever his experience has shown him to be the most essential. There is room for ether in the original can, 5 yards of guaze in a tin case, a whole pound of cotton, roller and plaster paris bandages, plasters, an inhaler, an operating cushion and apron, and if the operating case is of the late compact style, even for that. If the satchel will not contain the operating case, it may be strapped under the bottom of the zinc trays, and make it possible for the whole outfit to be carried in one hand.

It will be seen that in railroad emergency surgery the satchel will hold enough dressings to suffice for a number of injured persons.

The great advantage of our outfit is, that should the operator be called on to operate on other than emergency cases, such as lithotomy, laparotomy, etc., it is only necessary to take out the amputating case and put into the linen roll such instruments as are desired, and proceed without further loss of time. Price complete, 17 inches long, 9 inches wide, 10 inches high, \$22.50.

No. 2 is a smaller size for light special surgery, with same contents. Price complete, 16 inches long, 7½ inches wide, 8 inches high, \$20.00.

Price of Empty large satchel with loops, .....\$10.50.

" " " small " " " ..... 9.50.

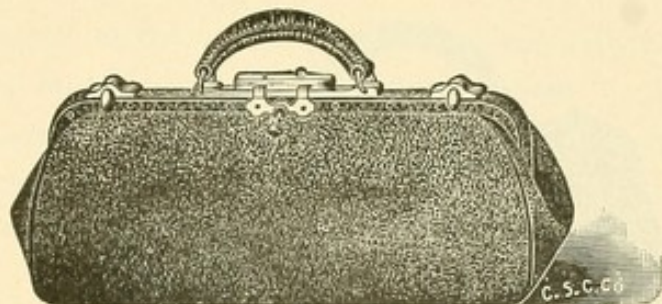
Any of the above satchels made of genuine Alligator leather at an additional cost of \$5.00.



## GYNÆCOLOGICAL AND OBSTETRIC BAGS.



6585

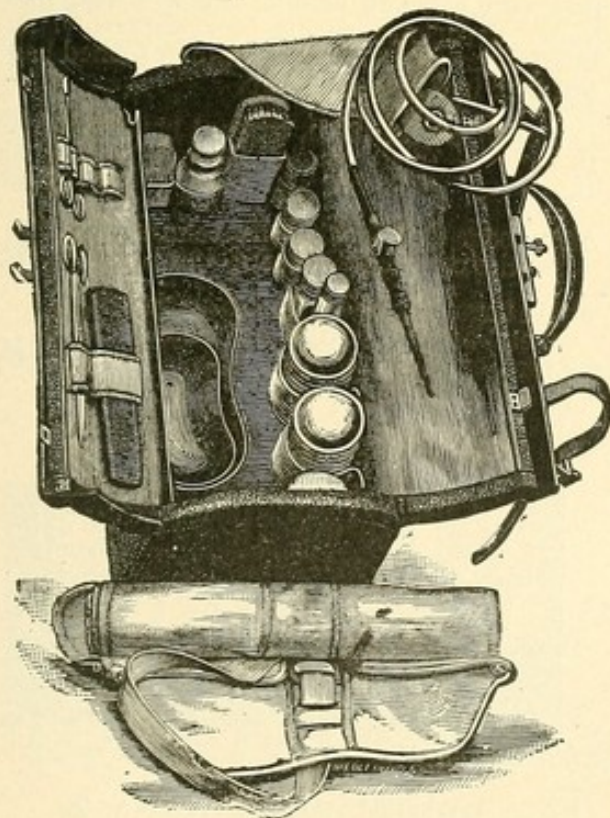


6596

These satchels are designed to carry general necessities as required by physicians, and are made in various lengths suitable for Obstetrical, Gynecological, or any other instruments.

They are made of the best brown or black grained leather, with nickel trimmed steel frames; supplied with spring lock and key; lining of light colored leather, with pocket on inside.

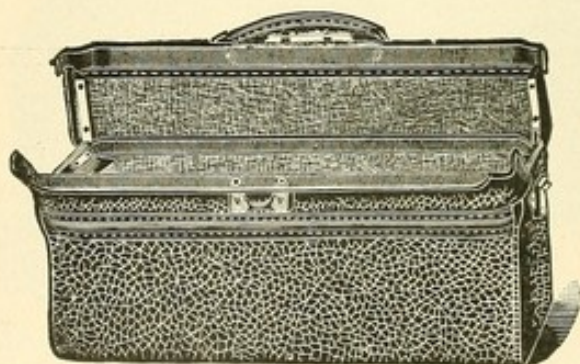
					Qual. A.	Qual. B.
6583	Obstetric or Gynecological Bag,	10-inch			\$2 50	\$2 25
6584	"	"	"	12 "	2 65	2 40
6585	"	"	"	13 "	2 85	2 60
6586	"	"	"	14 "	3 00	2 75
6587	"	"	"	15 "	3 25	3 00
6588	"	"	"	16 "	3 50	3 25
6589	"	"	"	17 "	3 75	3 50
6590	"	"	"	with 6 1½-oz. glass-stoppered bottles, 15-inch,	3 90	3 65
6591	"	"	"	" 6 1½ " " " 16 "	4 15	3 90
6592	"	"	"	" 6 1½ " " " 17 "	4 40	4 15
6593	"	"	"	wide, 12-inch	3 25	
6594	"	"	"	" 13 "	3 50	
6595	"	"	"	" 15 "	4 00	
6596	"	"	"	" 16 "	4 25	
6597	"	"	"	" 17 "	4 50	
6598	"	"	"	with 6 1½-oz. glass-stoppered bottles, 15-inch	4 50	Qual. A.
6598a	"	"	"	" 6 1½-oz. " " 16 "	4 75	
6598b	"	"	"	" 6 1½-oz. " " 17 "	5 00	



EMERGENCY BAG.

For description, see page

All Instruments designated with a \* are illustrated.



6599

6599° Square Cabinet Bag Style, 5¼ inches wide, 6 inches high, length as below. Opens on top, no gussets, hence no waste of space when closed. Made of best grade of bag leather, leather-covered steel frame with full nickel trimmings, and lined with smooth leather, which allows the inside to be cleaned with a moist sponge whenever necessary, making the bag as near aseptic as any article of this kind can be made. It is the strongest, neatest, most cleanly, and cheapest bag of its kind on the market. It will outwear three of the ordinary bags.

14-inch,	\$5 75.	With 6 1½-oz. bottles	\$6 25
15 "	6 00	" 6 1½-oz. "	6 50
16 "	6 25	" 6 1½-oz. "	6 75
17 "	6 50	" 6 1½-oz. "	7 00

Any of the above Bags furnished of alligator leather at an advance of \$2.00 to \$5.00.



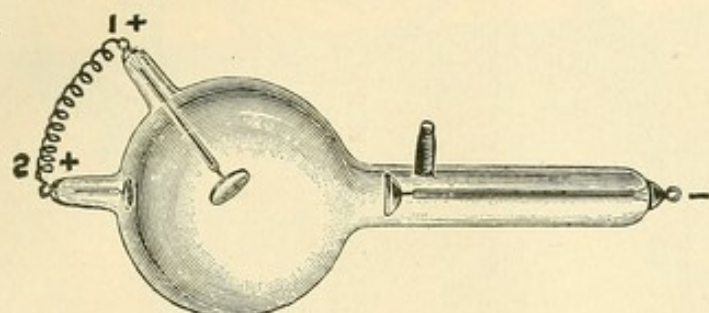




## X-RAY TUBES.

New patterns of tubes are constantly added to our stock as soon as produced. We aim to carry the latest inventions in every department of our business.

All our tubes are made of the purest Thuringian glass, which has many good qualities, the foremost of which is that it can be blown very thin and still retain its stability.



9500-9508  
German X-Ray Tube.

**Best Imported German Tubes,** constructed in two grades, having various weights of anodes.

Grade A has extra heavy platina anode and extra heavy terminal tips, securely adjusted.

Grade B has platina plated anode, cheaper glass and plain

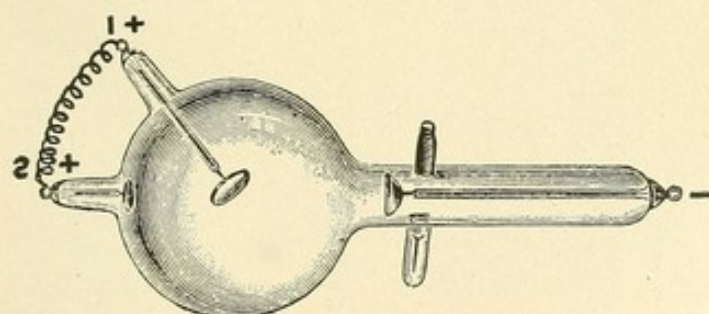
tips, otherwise same general design as the best tube, and is sold by some firms as such, but we do not desire to recommend them to our friends.

## German X-Ray Tubes.

	Grade A.	Grade B.
9500* Size 0, diameter of glass bulb, 3 inches.....	\$6 00	
9501* " 1, " " 4 " .....	7 50	\$6 00
9502* " 2, " " 5 " .....	10 00	6 50
9503* " 3, " " 6 " .....	12 00	8 00

The following have heavier anodes:

9506* Size 3, diameter of glass bulb, 6 inches.....	14 00	12 00
9507* " 4, " " 7 " .....	16 00	15 00
9508* " 5, " " 8 " .....	17 50	16 50

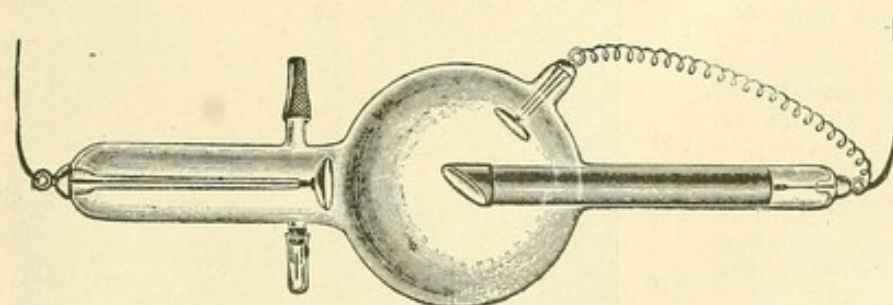


9512-9514

## Gundelach Tube, with Reducing Attachment.

9512* No. 2, diameter, 4 1/4 inches, \$	9 75
9513* No. 3, " 5 " "	10 50
9514* No. 5, " 6 " "	13 50

## Gundelach Tube, with Heavy Anode and Reducing Attachment.

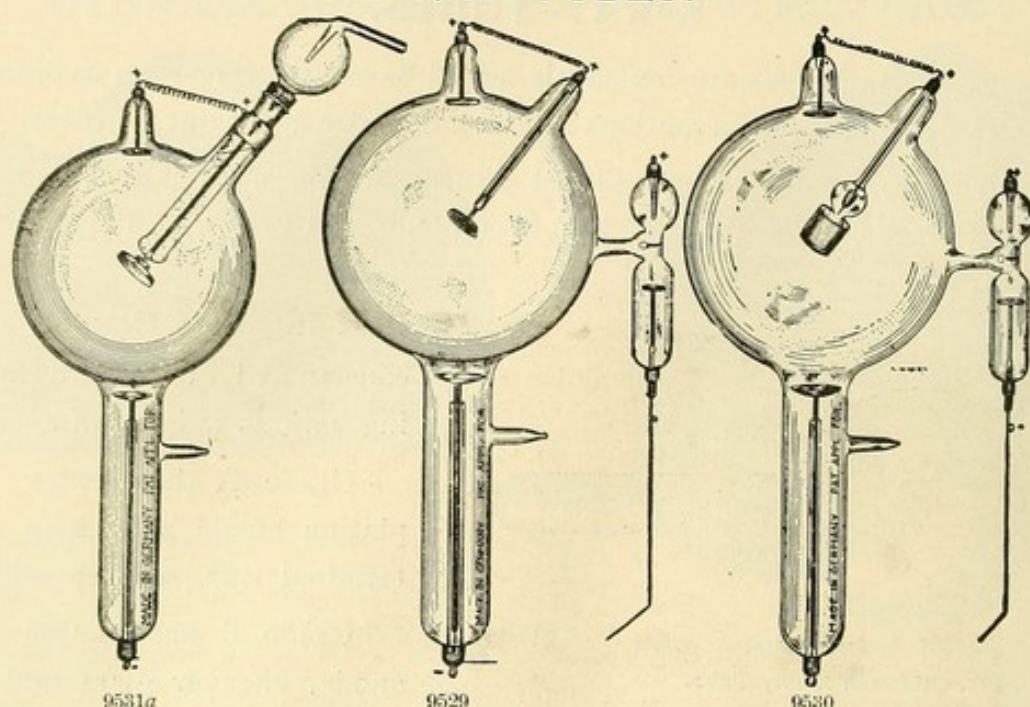


9518-9521

9518* Type A, diameter 4 1/2 inches.....	\$15 50
9519* Type C, diameter 5 1/2 inches.....	\$18 00
9520* Type D, diameter 6 inches.....	\$18 50
9521* Type G, diameter 7 1/2 inches.....	\$32 00



## X-RAY TUBES.



9528	Patent Universal Regulating Tube No. 6, light anode; diameter, 5 inches.....	\$15 00
9529*	" " " " " " No. 8, heavy " " 7 " .....	24 00
9530*	" " " " " " No. 10, " " 6 " .....	22 00
9531	" " " " " " No. 11, " " 8 " .....	27 50
9531a*	" " " " " " Water-Cooling Tube No. 12; diameter, 6 inches.....	26 00
9531b	" " " " " " " " No. 14; " " 8 " .....	34 00
9532	" " " " " " Regulating Water-Cooling Tube No. 15; diameter, 6 inches .....	32 00
9533	" " " " " " " " No. 17; " " 8 " .....	40 00
9534	Ventril or Valve Tube.....	\$7 50
9535	Monell Tube.....small, \$6.75; large, 8 00	
9536	Caldwell Tube, for localizing the X-Ray to the cavities of the body .....	10 00
9537	Caldwell Tube Holder, with shield .....	10 00
9538	Pennington Tube .....	12 50
9539	Pennington's Shield and Speculums.....	10 00
9540	Kinraide Tube .....	15 00
9541	Queen Tube, Self-Regulating.....	18 00

Tubes repaired; re-exhausted at owner's risk.

9542	Adjustable Holders, plain, \$1.25; best.....	1 50
9543*	" " " " as cut.....	12 00
9544	" " " " heavy, latest .....	10 00

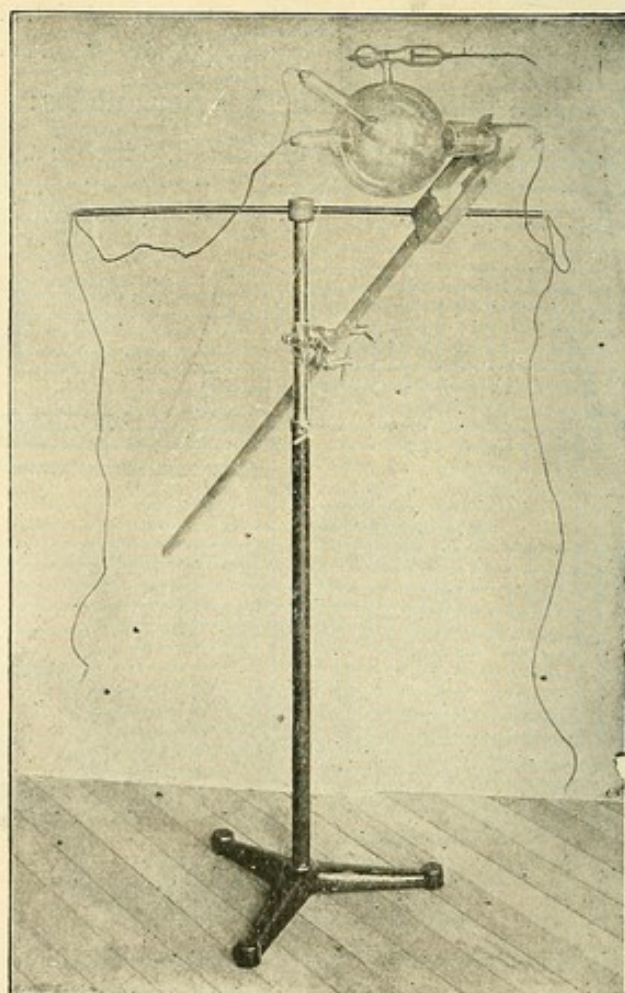
X-Ray Plates, Cramer's, furnished with envelopes.

9545	5 x 8, per dozen.....	1 55
9546	8 x 10, " .....	3 00
9547	10 x 12, " .....	5 15
9548	11 x 14, " .....	7 25
9549	14 x 17, " .....	11 25

9550	Fluoroscope, with barium platinum screen, 5 x 7 inches.....	8 50
9551	The same, 6 x 8 inches.....	12 00

Barium Platinum Screens at market rates.

9552	Glass Vacuum Electrodes, for high frequency work .....	1 50
9553	X-Ray Protective Foil, per lb.....	20
9554	X-Ray Protective Block Tin, 30 inches wide.....per foot,	1 50
9555	Radiographic Shadow Box, lead-lined to put around tubes with various-size openings.....	10 00
9556	Monell's Book on all X-Ray Methods in Diagnosis and Therapeutics.....	15 00
9557	Neiswanger's Book on Electro-Therapeutics .....	2 50



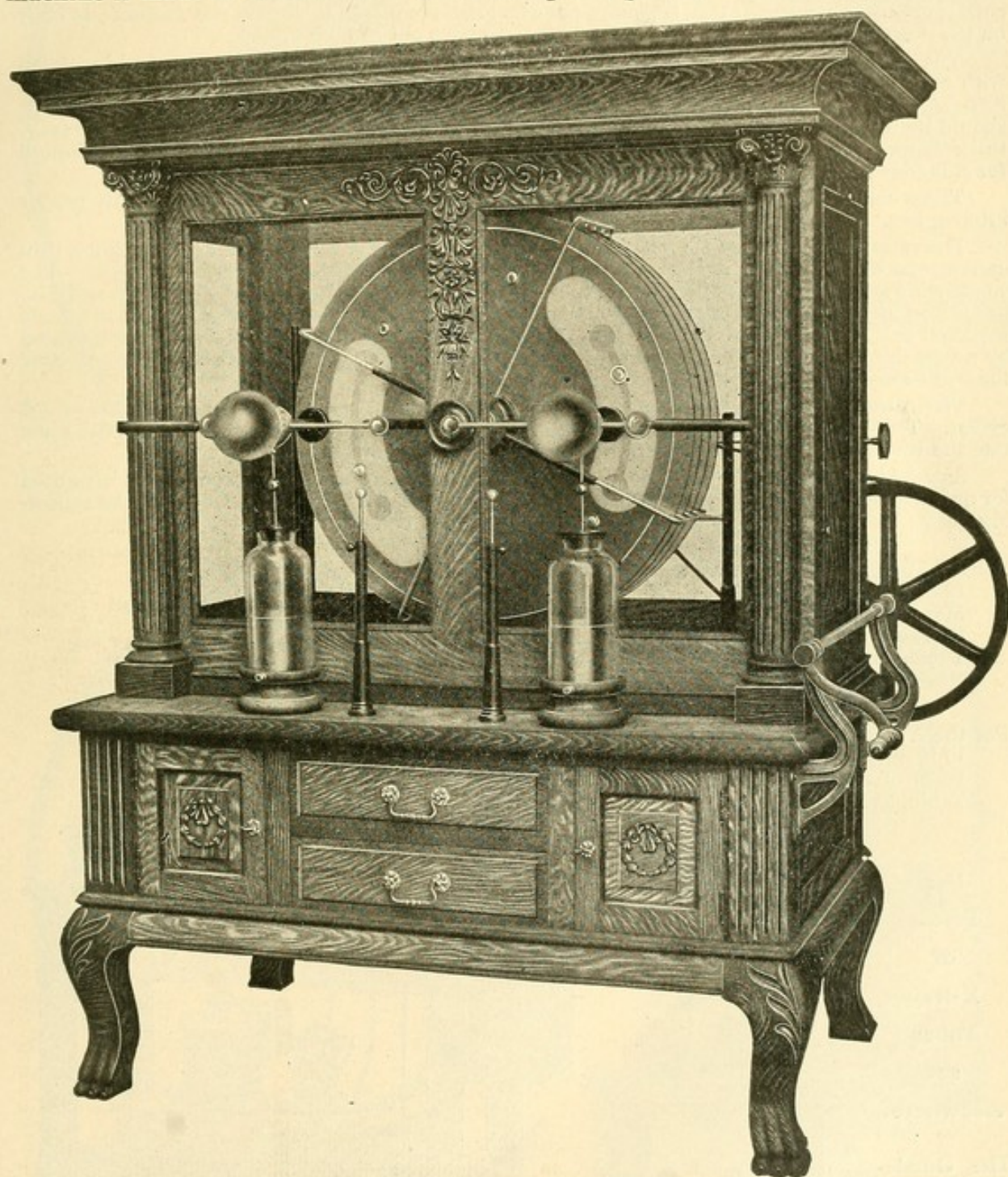
9543



## THE BUTLER-COLUMBIA IMPROVED STATIC AND X-RAY MACHINE.

This machine is the same in general construction as No. 1, described on the preceding page, but has a more elaborate designed cabinet of extra high finish.

The same platform and electrodes are furnished as with No. 1, and the machine is made in three sizes. Write for special prices.



Butler-Columbia Improved Static Machine No. 2.



## X-RAY COILS.

9583. In purchasing a machine there are several meritorious points to be taken into consideration which are possessed only by the Coil shown below. We take pride in stating that this machine is giving perfect and better satisfaction than any other coil we have sold.

The purchaser should not look at a few dollars difference in first cost, but at the difference in outfits and final results. The durability should be taken into consideration. This coil has the reputation for quality. On account of taking a skiagraph in a shorter time than any other coil, it eliminates burns. It is the most powerful coil compared to size on the market; is built on the most scientific plans, and it is impossible to burn out or break down.

The construction of the coil is as follows: The secondaries are built in sections and insulated with a special insulating compound. The core and primary are enclosed in a special heavy mica tube, which is so arranged that the primary can be removed without disarranging any other part, should there be any occasion. It is well known that to do good X-Ray work it requires a heavy, thick spark. The long, thin, blue spark secured from a static machine is not powerful enough for skiagraphic or fluoroscopic work of the chest or pelvis.

These coils work equally as well on the Alternating as on the Direct Currents, with proper interruptors.

The interruptor used on the 110 or 220-volt direct current is run by a motor, causing a thin mercury jet to be thrown against a series of copper segments, insuring perfect contact. The condensers are of mica insulation, which receives its full charge instantly and gives it up entirely, producing more volume in the secondary discharge of the coil. The condensers, which are made sectional in 6, 12, 18, 24 and 30 layers, are placed in the base of the interruptor, and are operated by a switch, so that the operator can throw on as many sections as he thinks necessary to operate the coil successfully.

The Automatic Electrolytic Interruptor is used on the Alternating Current 60, 125 or 133 cycles. The automatic clockwork feeds the German-silver wire into the solution at the same rate the wire is consumed by the action of the solution and current.

As a 12-inch coil is powerful enough for any purpose in general practice, unless it is wanted for quick skiagraphic or hospital work, when we recommend a larger coil, we quote the following outfit, but can furnish same with 16, 18, 20 or 24-inch coils, if desired:

For the Direct Current, 110 volt:

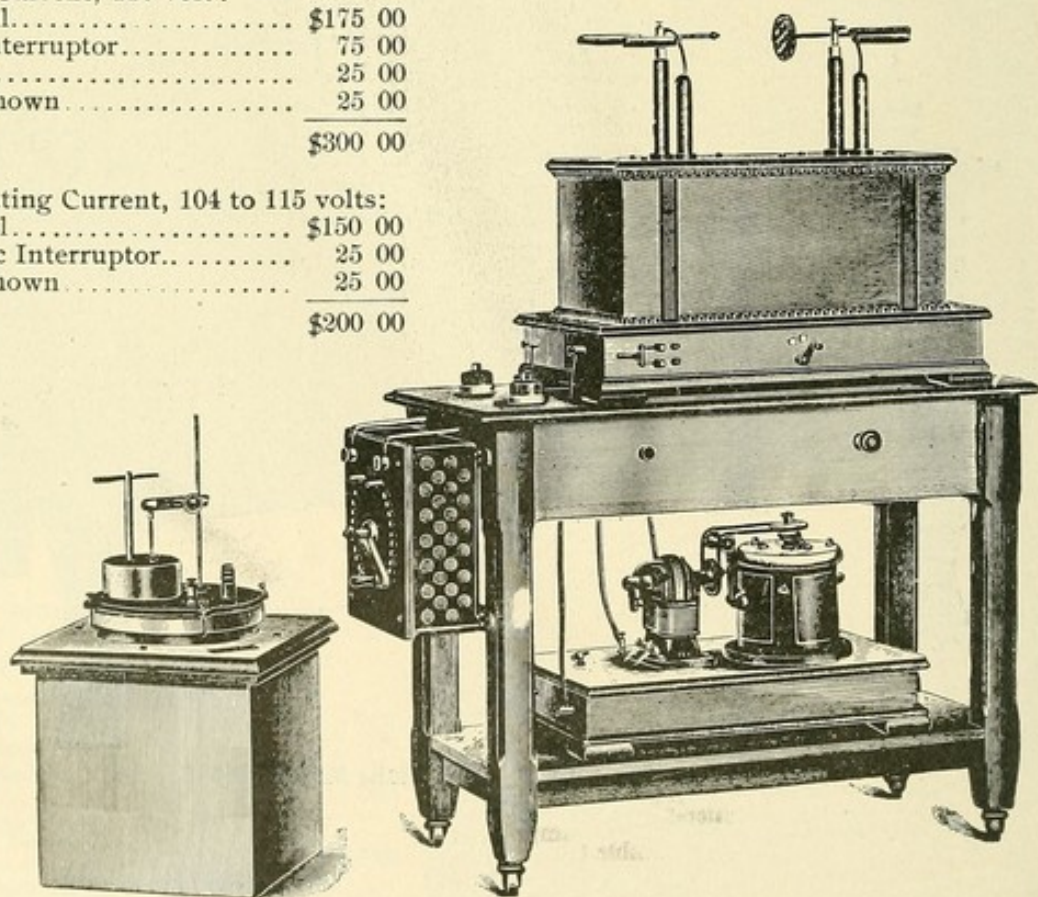
12-inch Coil.....	\$175 00
Mercury Interruptor.....	75 00
Rheostat.....	25 00
Table, as shown.....	25 00
	<hr/>
	\$300 00

For the Alternating Current, 104 to 115 volts:

12-inch Coil.....	\$150 00
Electrolytic Interruptor.....	25 00
Table, as shown.....	25 00
	<hr/>
	\$200 00

For  
Prices  
of  
X-Ray  
Tubes  
see  
elsewhere.

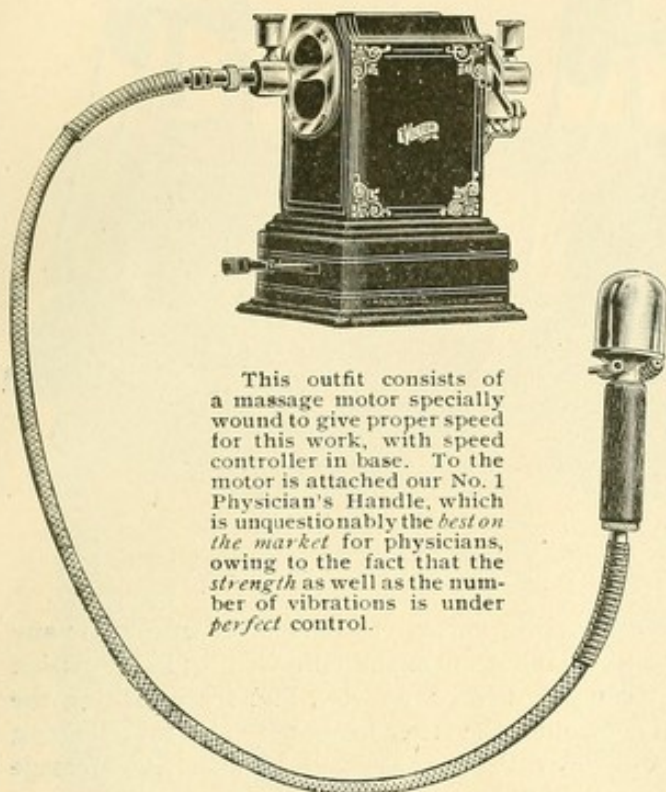
The Gunde-  
lach D or G  
Tube is usu-  
ally sold.





## THE VICTOR MASSAGE APPARATUS.

Latest Pattern for Deep Penetration.



This outfit consists of a massage motor specially wound to give proper speed for this work, with speed controller in base. To the motor is attached our No. 1 Physician's Handle, which is unquestionably the *best on the market* for physicians, owing to the fact that the *strength* as well as the number of vibrations is under perfect control.

### No. 1 VICTOR MASSAGE OUTFIT for the 110 or 220-Volt Direct Current.

This handle is the best one devised for vibratory massage; it is provided with a removable cap, which can be instantly removed and a regulating device exposed, by means of which the strength of vibrations can be perfectly regulated from an almost imperceptible movement up to a vibration of as much vigor as desired. Places are provided for screwing on the attachments for treating various parts of the body; these vibratodes can be attached so they project either in a straight line with the handle or almost at right angles to it. The vibratory movement is of a rotary nature, which is the most desirable for treating the mucous membranes. In abdominal and general massage the handle is used, as shown in cut, without any attachments.

#### Prices.

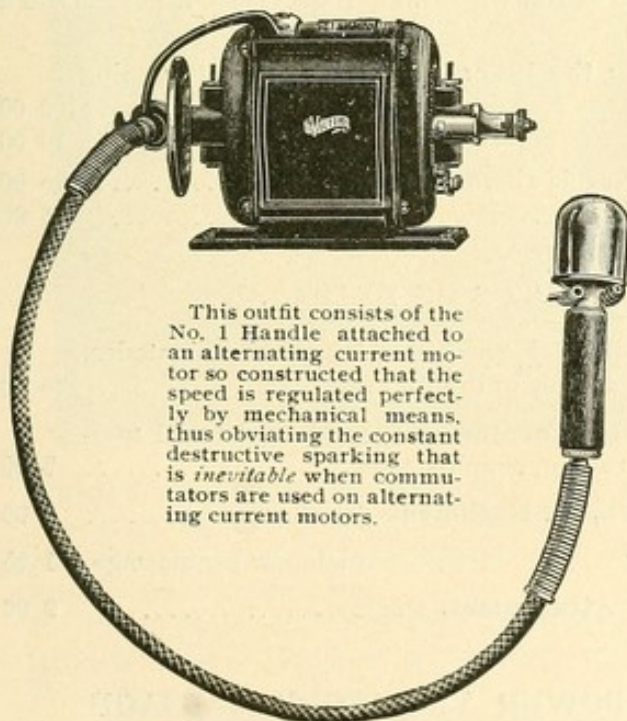
For Direct Current for 110-Volt Current, \$70 00  
For Direct Current for 220-Volt Current, 73 00

The apparatus can also be supplied with a No. 5 Vibratory Handle instead of the regular No. 1 Handle. With it the same deep vibrations are obtained as with the more expensive outfits on the market.

Price, in addition to above, \$40.00, but if furnished instead of the No. 1 Handle, only \$5.00 additional.

Price of white-enameled iron table, with glass shelf and polished oak top, . . . \$8 00

Price of carrying case, . . . 15 00

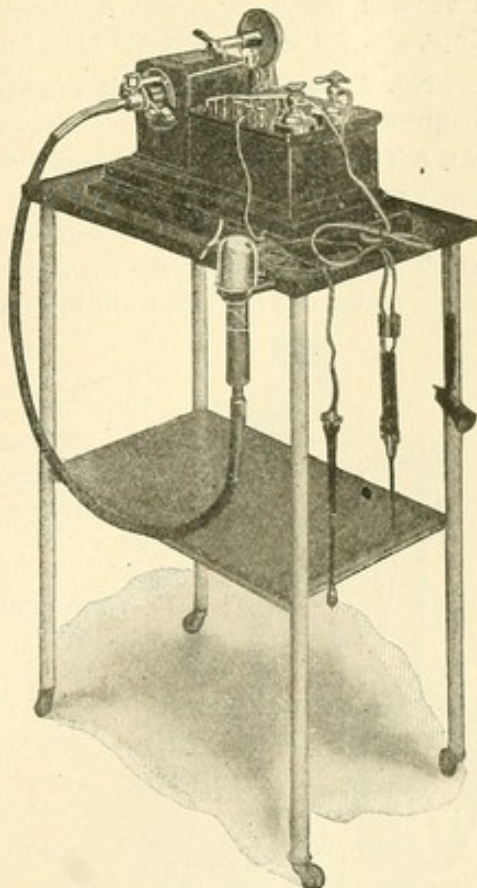


This outfit consists of the No. 1 Handle attached to an alternating current motor so constructed that the speed is regulated perfectly by mechanical means, thus obviating the constant destructive sparking that is inevitable when commutators are used on alternating current motors.

### VICTOR No. 1 MASSAGE OUTFIT for Alternating Current.

This motor is guaranteed against burning out, and it is a fact that it will last four times as long as the commutator motors ordinarily sold for this purpose.

Price of outfit, with \$5.00 worth of applicators, for 60-cycle current, . . . \$75 00  
Additional for 125 or 133-cycle current, . . . 5 00  
Price of white-enameled iron table, with glass shelf and polished oak top, . . . 8 00

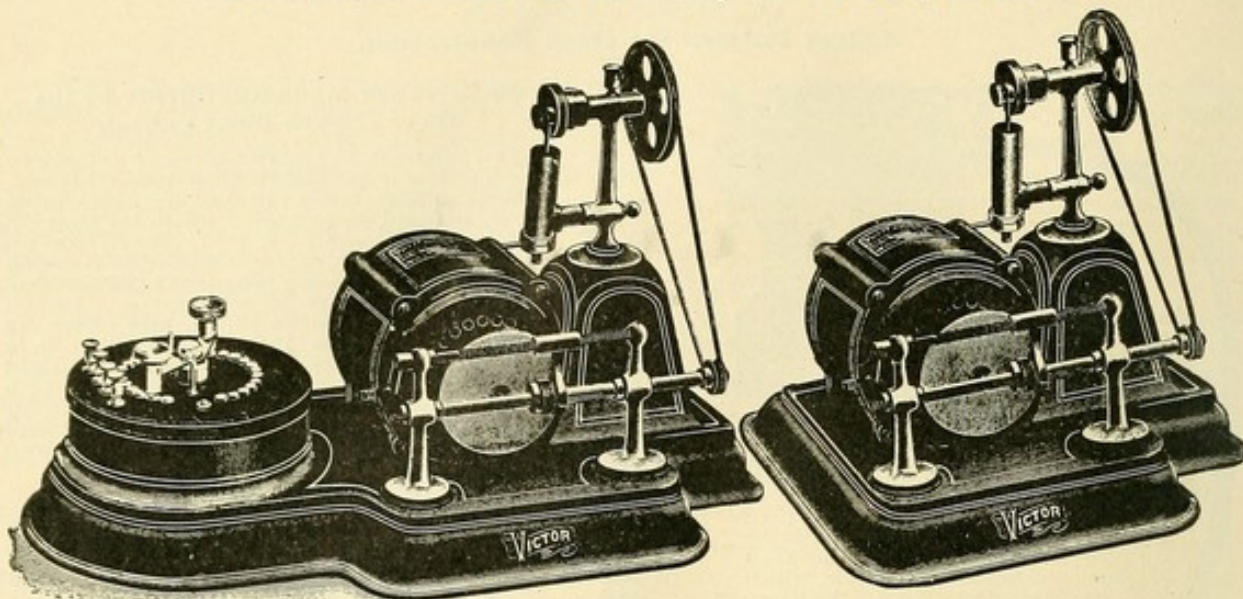


### THE WOCHER VICTOR COMBINATION ELECTRICAL OFFICE OUTFIT.

Complete, as shown, or sold separately. For vibratory massage, pneumo massage (facial or spinal), cautery, ear or eye oscillation, diagnostic lamp rheostat. The most complete outfit on the market. Price on application.



## MASSAGE AND CAUTERY APPARATUS.



No. 6 Transformer and Massage Motor.

No. 7 Massage Motor.

**No. 6 Transformer** is intended for the alternating current to reduce the current to any voltage for cautery work or for illuminating small incandescent examination lamps; has provision for attaching cable, sheath and handpiece for nasal drills, saws, etc., and for attaching the Victor Vibratory Massage handle, with speed controller, the latter being used also for operating a vacuum pump for operating Siegel Ear Otoscopes, Pneumo-Massage Handles, Eye Massage Cups, etc. It is the most complete apparatus on the market.

**No. 7 Massage Outfit** is the same as the above, without the transformer for cautery and diagnostic lamps.

<b>No. 6 Transformer and Massage Motor</b> , for the 104 or 115-volt, 60-cycle alternating current.....	\$100 00
Additional for 125 to 133-cycle current.....	10 00
<b>No. 7 Massage Motor</b> , for 104 to 115-volt, 60-cycle alternating current.....	75 00
Additional for 125 or 133-cycle current.....	5 00

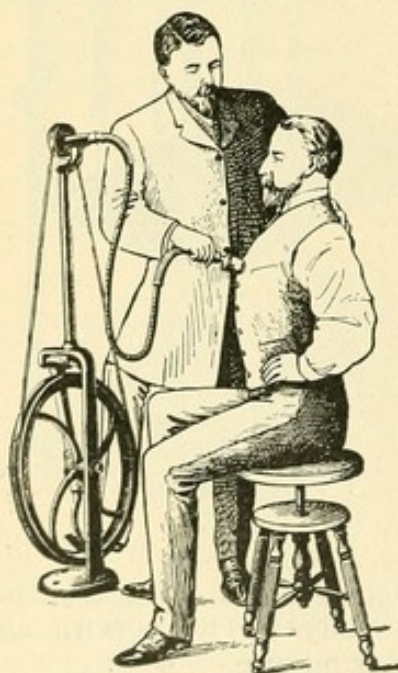
### PRICES OF EXTRAS.

<b>Massage Handle</b> , Cable and Sheath, with six vibratodes, for various surface or internal use.....	\$35 00
<b>Pneumo (Air) Attachment</b> , for skin and facial massage, with tubing, couplings, etc.....	7 00
<b>Siegel's Oscope Attachment</b> , for ear massage.....	2 00
“ “ “ plain, for ear massage,	1 25
<b>Eye Massage Attachment</b> , single.....	2 00

### FOOT-POWER VIBRATORY MASSAGE OUTFIT.

Designed to be used where electric current is not available. It is found as effective as the Electric Vibrator shown above.

Price, with regular Vibratory Massage Handle and six vibratodes .....\$65 00

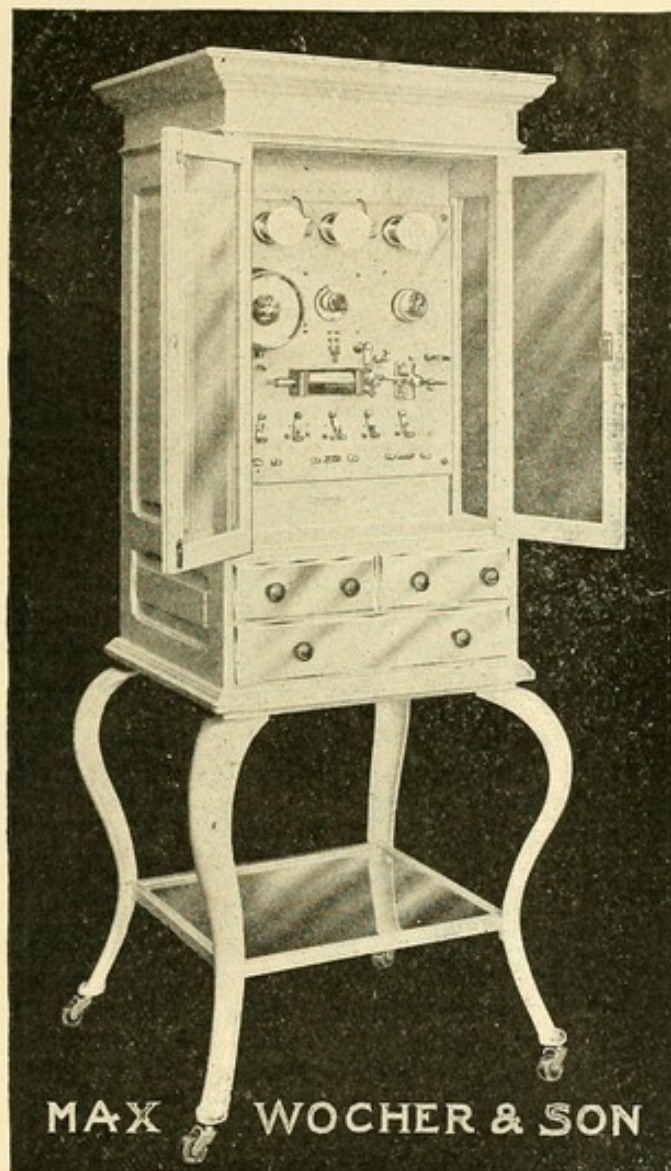


Foot-Power Vibratory Massage Outfit.



## THE No. 200 SNOW WHITE ELECTRICAL OFFICE EQUIPMENT,

WHITE MARBLE PLATE, WHITE GLASS DRAWER FRONTS, WHITE ENAMELED BASE AND CABINET.



This Cabinet, while the most handsome and attractive Office Apparatus on the market, is at the same time constructed on the most Scientific Electrical Principles.

It is furnished for the Direct Lighting Current, Altering Current or Dry Cells, and when ordering same, state kind of current you have.

**For the Direct Lighting Circuit,** it is directly connected to your lamp socket by means of a connecting plug accompanying the apparatus.

**For the Alternating Circuit** a Motor and Generator are placed on the shelf under the cabinet on white marble, this accessory apparatus transforming the current into a direct current.

**For Dry Cells.** Where the Lighting Current is not available we place 44 Dry Cells in the Cabinet in back of the plate.

Unlike the Chicago makes of switch boards, which are supplied with a Graphite Rheostat, this apparatus has a German silver wire current controller, graduating the current from minimum to the strongest with uniformity, while a Graphite Rheostat becomes worn after a few days' use, and gives no constant uniform current.

It is especially adapted for the Galvanic current, Electrolysis, Cataphoric, and for obtaining Physiological and Therapeutic effects not derived from any other similar apparatus.

This plate will furnish a graduated current for miniature lamp illumination from 2 to 10 C. P., and a constant and interrupted galvanic current from 0 to 70 volts.

The interrupting feature of this plate is very unique, making an absolute *make* and *break* which makes the very light or heavy interruption, similar to a pulsating effect, and acts on the same principle, and accomplishes better results than the Rheotome furnished on other apparatus. It is electrically operated, not operated by a key and clockwork, and is constantly ready for work with any amount of interruptions, from 60 to many thousands per minute.



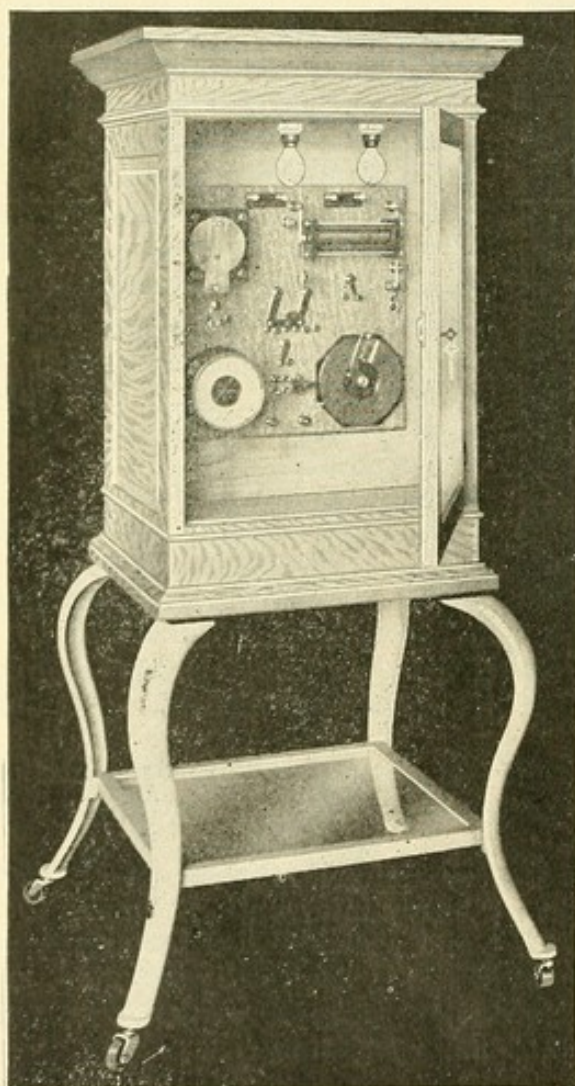
This Milli Ampere Meter is of improved model, having a shunt, and the Faradic Coil is also of first-class construction.

The Switch Board is equipped with all necessary shunt lamps, switches and binding posts, all parts being marked so that anyone can easily understand to properly operate it, also Sponge Electrodes and Cords accompany same.

The Cabinet is of elaborate and attractive design, is of ivory white enameled rubbed finish, with double beveled plate glass doors, and has 3 glass lined drawers, having white opalite glass fronts with nickel plated trimmings. The base is of metal, baked white enameled finish.

It is furnished with various equipments, as follows:

No. 200	Snow White Electrical Equipment for the 110 V. Direct Current.....	\$100.00
No. 201	Snow White Electrical Equipment with Transformer and Cautery Rheostat for 110 V. Direct Current....	155.00
No. 202	do. with Motor-Dynamo for the Alternating Current.	185.00
No. 203	do. with Motor-Dynamo and Cautery Rheostat for Alternating Current .....	200.00
No. 204	do. with 44 Dry Cells.....	110.00



## THE No. 210 OAK CASE ELECTRICAL OUTFIT.

This outfit is somewhat plainer than the Snow White Equipment, still is very desirable, and is meeting with good satisfaction wherever sold.

It consists of a highly polished Tennessee Marble Plate upon which the following are mounted:

Faradic Coil, Graduated Automatic Clockwork Rheotome, Graphite Rheostat, Improved Milli Ampere Meter with Shunt and all necessary Switches for selecting the Galvanic and Faradic Currents.

No. 210	Oak Case Electrical Outfit for the 110 Volt Current.....	\$75.00
No. 211	do. with 44 Dry Cells en- closed in the case.....	85.00
No. 212	do. for the Alternating Current.....	160.00

Either of our 200 or 210 series of plates are of high grade construction with first-class meters, etc., unlike many on the market which have very cheap and faulty constructed details.



## THE PROFESSIONAL COMBINATION BATTERY.



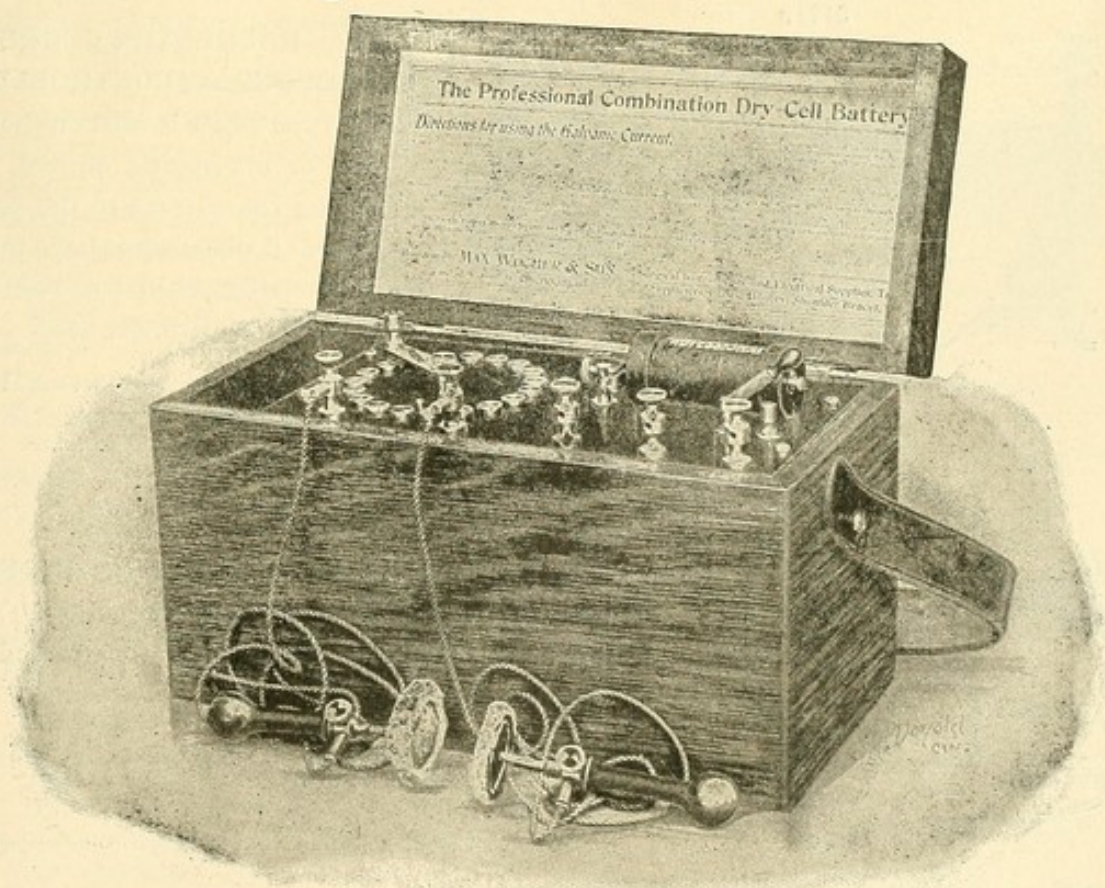
A Good, Portable  
Battery at a Low  
Price.



This outfit is the same as the Professional Galvanic, with 30 dry galvanic cells. Has cell selector, polarity changer, milliamperemeter and first-class faradic coil, operated with separate dry cells. This battery gives a galvanic and a faradic current.

No. 1 Combination 30-Cell Galvanic, with Faradic and Meter. Price .....\$40.00

No. 2 Combination 30-Cell Galvanic, with Faradic, no Meter. Price .....\$30.00

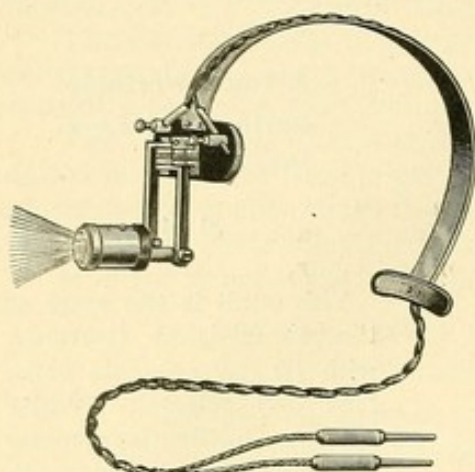


No. 3 Combination Professional 18 Dry Cell Galvanic and Faradic Battery, no Meter. Price .....\$24.00

No. 4 Combination Professional 15-Cell Galvanic and Faradic Battery, no Meter. Price.....\$22.00



## ELECTRIC-LIGHT FIXTURES.



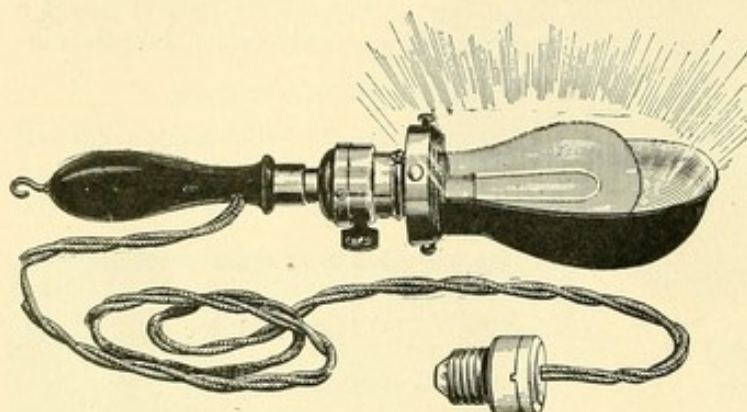
5124

**PHILLIPS' ELECTRIC HEADLIGHT**, for use with Transformers, Cautery Batteries, or Dry-Cell Electric-Light Batteries.

In ordering, state what voltage or on what circuit it is intended to be used.

5124. Plain .....\$6 50

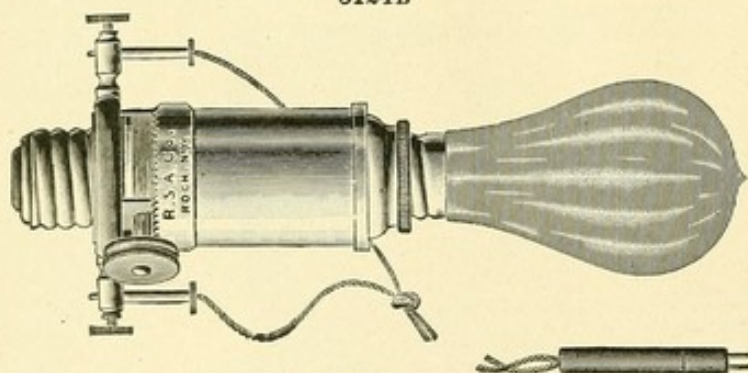
5124A. Improved..... 8 50



5124B

**ELECTRIC LAMP, with Reflector with Handle and Attachments**, for nurses to hold at point of operation.

5124B. Price .....\$2 50

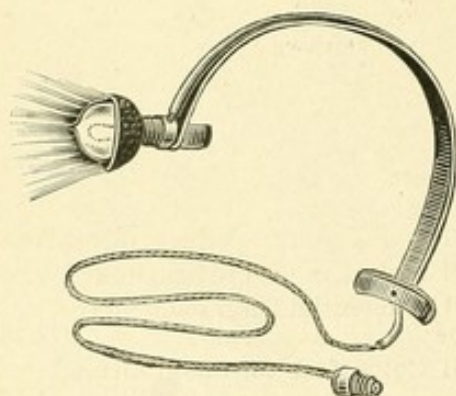


5124E

**5124E. ROCHESTER CURRENT REDUCER and CONTROLLER.**

This controller is used on the direct or alternating current, reducing the current to the point where all diagnostic lamps ranging in voltage as high as eighteen volts can be perfectly used.

Price, with blue globe....\$11 00



5124F

**5124F. STUCKEY'S HEAD LAMP FOR DIRECT CURRENT** (to be used without rheostat). The feature of this lamp is it can be instantly attached to any lamp socket.

Price, complete.....\$5 00



## NEW INSTRUMENTS.

NEW INSTRUMENTS OF EVERY DESIGN AS USED LOCALLY OR ABROAD  
FURNISHED ON APPLICATION.

<b>Mayo's Needle Holder</b> .....	\$5.00	<b>Sphygmomanometer</b> , Riva Rocci, plain form, for hospital use.....	\$6.50
<b>Mayo-Simpson Retractor</b> .....	10.00	<b>Sphygmomanometer</b> , portable for m, with jointed manometer, in case ..	8.50
<b>Moynihan Gastro Enterostomy Forceps</b> ..	5.00	<b>Massage Apparatus</b> , latest enclosed, type motor .....	70.00
<b>Mayo's Ring Dissector</b> .....	1.50	<b>Mickulicz's Intestinal Clamp</b> .....	5.00
<b>Mayo's Vein Dissector</b> .....	3.50	<b>Brunner's Intestinal Clamp</b> .....	7.50
<b>Mayo's Gall Bladder Scoop</b> .....	2.50	<b>Kelly's Appendectomy Clamp Forceps</b> ..	6.50
<b>Mayo's Dissecting Scissor</b> .....	2.50	<b>Reed's Broad Ligament Clamp</b> .....	6.00
<b>Mayo's Soft Rubber Drainage Tube</b> ....	1.25	<b>Franklin's Empyema Trocar &amp; Canula</b> ..	6.50
<b>Celluloid Thread</b> , per skein, 3 sizes....	.25	<b>Phelp's Empyema Tube and Plate</b> .....	5.50
<b>Ferguson Grooved Staff</b> .....	2.50	<b>Thompson's Laryngeal Syringe</b> .....	2.00
<b>Boldt's Tucker</b> .....	.75	<b>Wocher's Tonsil and Nasal Snare</b> .....	5.00
<b>Mayo's Catgut Needles</b> .....	per doz., 1.00	<b>Rome's Internal Pelvimeter</b> .....	5.00
<b>Mayo's Intestinal Needles</b> .....	" 1.00	<b>Law's Rectal Instruments</b> . Send for description .....	
<b>Mayo's Moynihan Needles</b> .....	" 1.00	<b>Murphy's Drainage Tube Button</b> .....	2.50
<b>Mayo's Catgut</b> .....	" 2.50	<b>Frank's Anastomosis Coupler</b> , made of bone .....	2.25
<b>Mayo's Steel Abdominal Retractor</b> ....	2.75	<b>Levin's Fistula Button</b> , for physiologi- cal purposes .....	4.50
<b>Aprons</b> , Surgeons' white rubber, per doz.,	15.00	<b>Gastro-Enterostomy Button</b> , small end to rest within stomach or gall bladder ..	3.25
<b>Aprons</b> , Surgeons' pure gum, (light) "	21.00	<b>Harrington's Anastomosis Ring and Handle</b> .....	1.35
<b>Adhesive Dam</b> .....	1.50	<b>Simpson's Self-Retaining Abdominal Retractor</b> .....	10.00
<b>Bonifield's Antero-Utero Retractor</b> ....	2.50	<b>X-Ray Machines</b> —new styles. Send for catalogue .....	
<b>Brewers' Perineal Tubes</b> .....	per doz., 6.00	<b>Young's Mod. of Bottinis Incisor</b> with 4 blades .....	90.00
<b>Bed</b> , Hot Water for Operating Tables. Send for description .....		<b>Young's Retractor</b> for prostatectomy ..	3.25
<b>Ballenger's Septum Instruments</b> . Send for literature .....		<b>Young's Retractor</b> for prostatectomy, small .....	3.25
<b>Bowle's Stethoscope</b> , flat iron shape...	4.50	<b>Young's Lobe Fcps.</b> , for holding pros- tatic gland .....	5.50
<b>Carsten's Improved Steel Pelvimeter</b> ..	3.50	<b>Young's Lobe Fcps.</b> , for holding pros- tatic gland, small .....	5.00
<b>Beck's Laparotomy Spoon</b> .....	3.50	<b>Young's Tractor</b> , for prostatectomy ....	6.50
<b>Guiteras Prostatic Forceps</b> .....	4.50	<b>Wyeth's Syringe</b> for vascular neo- plasms, 25 C. C. ....	2.50
<b>Brunner's Stomach Clamp</b> .....	5.00	<b>Wyeth's Syringe</b> for vascular neo- plasms, 100 C. C. ....	6.00
<b>Robson's Gall Stone Scoop</b> .....	2.50	<b>Wetherill Hygromed</b> .....	6.00
<b>Ochsner's Abdominal Retractors</b> , 2 sizes each .....	1.25	<b>Wetherill Torfuge</b> , improved centrifuge	5.00
<b>Colostomy Plug</b> , McBurney's .....	2.00	<b>Wetherill Torkrit</b> , improved hematokrit	3.00
<b>Colostomy Pad Rubber</b> .....	5.00	<b>Wetherill Differential Percussion Steth- oscope</b> .....	3.75
<b>Crile's Pneumatic Pressure Suit</b> . Send for description .....		<b>Wetherill Color Test</b> for blood, urine, etc. ....	1.75
<b>Catheter Lubricant</b> , Tube .....	.25	<b>Water Jackets</b> for wrist, \$1.25; knee, \$2.00; ankle, \$1.75; elbow, \$1.50; scrotal, \$2.25.	
<b>Freer's Septum Instruments</b> . Send for literature .....			
<b>Ferguson's Wing Catheters</b> , rubber, .....	per doz., 12.00		
<b>Head Caps</b> , operating, rubber... each,	1.25		
<b>Killian's Instruments</b> for Tracheoscopy, Bronchoscopy and Oesophagoscopy. Send for literature .....			
<b>Hypodermic Syringes</b> , hospital pattern, aseptic, in box with metal rack and 2 Standard Hypo Needles..per doz.,	8.00		
<b>Electrically lighted instruments</b> . Send for catalogue .....			
<b>Richter's New Uterine Dilator</b> .....	5.50		
<b>Smith's New Tenaculum Forceps</b> .....	3.25		

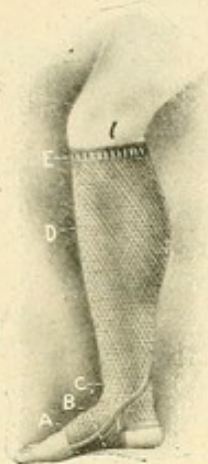
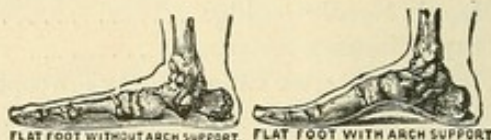


## ELASTIC STOCKINGS, KNEE CAPS, ANKLETS, ABDOMINAL BELTS, ETC.

For the Cure, Relief or Treatment of Varicose Veins, Weak, Swollen or  
Ulcerated Limbs, Corpulency, Abdominal Weakness or Tumors.

### THE GARTER STOCKING.

Cotton .....\$2 00  
Best Silk ..... 8 00



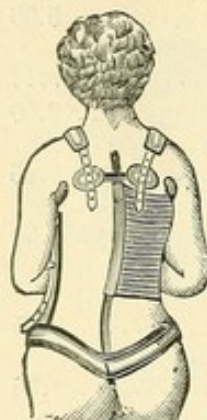
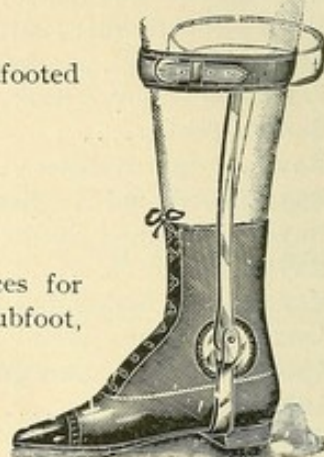
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Relieve many foot troubles. You may be flatfooted  
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We make all kinds of Orthopædic Appliances for  
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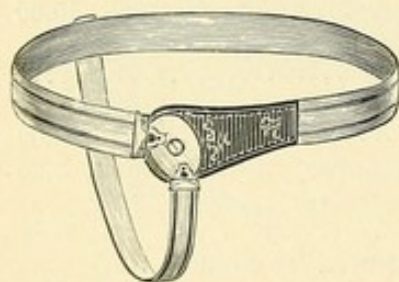
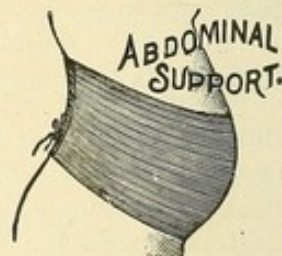
Send for Brace Catalogue.



### THE EMPIRE ABDOMINAL SUPPORTER.

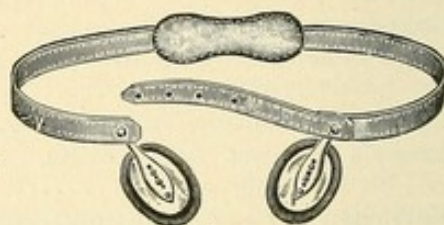
The best low-priced Support for women or fleshy  
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Price.....\$2 50



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Single.....\$1 50      Double.....\$2 50

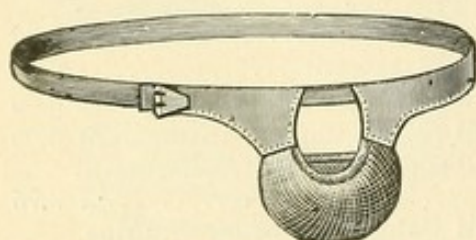


### THE CHASE SPRING TRUSS.

Good Grade.

Single.....\$2 00      Double.....\$3 50

Common Trusses from \$1.00 upward.



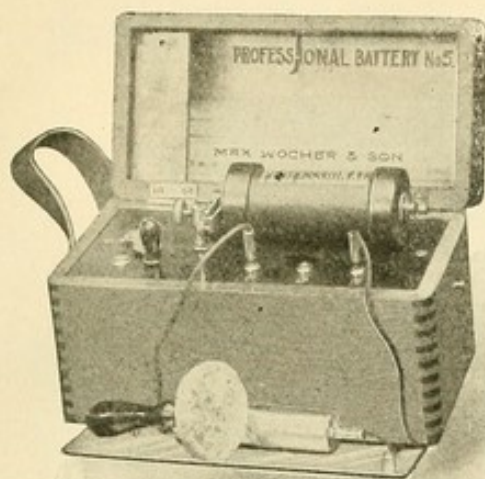
### SUSPENSORY BANDAGES.

For Men.

Without the Leg Straps .....	\$0 50	\$0 75	\$1 00
With Leg Straps (Army and Navy),	76	1 00	1 50

FINE SHOULDER BRACES. Price: Men's, \$2.50; Boys', \$2.00; Ladies' and Girls', \$1.50.





### A PROFESSIONAL ELECTRIC BATTERY.

With Dry Cell and Electrodes;  
first class.

Price .....\$5 00



### EXTRA DRY CELLS

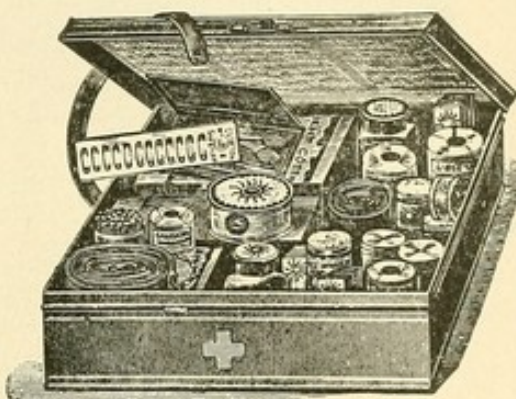
For running Batteries, Electric Bells, etc.

Price, each.....25c.

### ACCIDENT CASE.

For Stables, Farms, Household or Factory.  
Contains everything needed, with full directions  
how to handle the injured.

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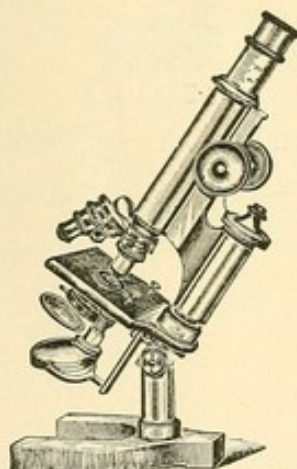


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### MAGNIFYING GLASSES.

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### BATH CABINETS.

Every household should have one. Now, \$3 50 each.

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We have thousands to select from and can send a  
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### EAR TRUMPETS.

Every known device; many new ones. Send for booklet, free.

London Horn, \$2 50 and \$3 50

Conversation Tube:

Small.....2 50

Powerful.....5 00



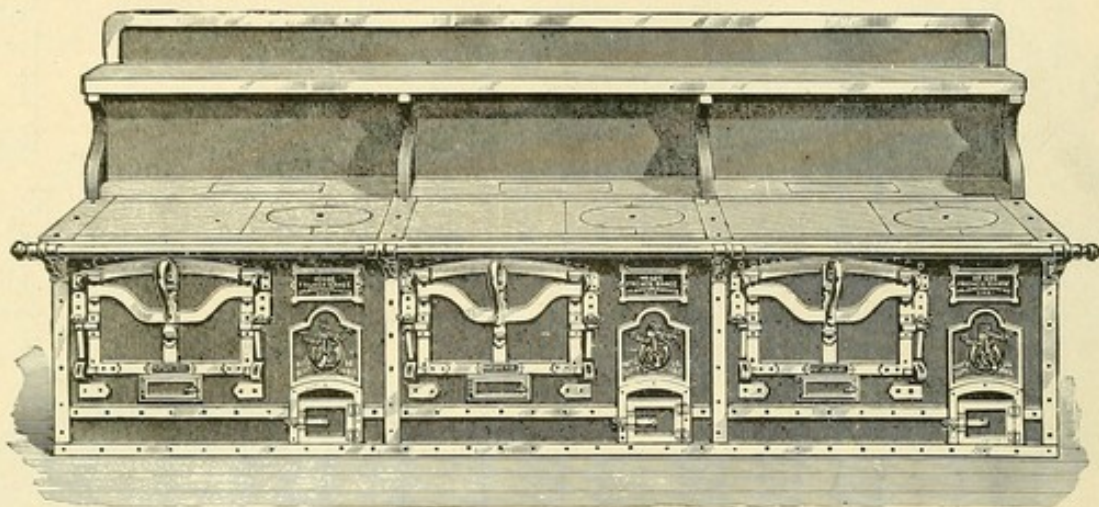
London Horn.



Conversation Tube.



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We have furnished the kitchens in some of the largest Hospitals and Sanitariums in the United States.

The following are some of the Hospitals furnished :

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National Military Hospital, D. V. S., Dayton, O.  
National Military Hospital, D. V. S., Marion, Ind.  
National Military Hospital, D. V. S., Leavenworth, Kas.  
National Military Hospital, D. V. S., Johnson City, Tenn.  
Columbus State Hospital, Columbus, O.  
Ohio Hospital for Feeble Minded Youth, Columbus, O.  
Ohio Institute for Blind, Columbus, O.  
Dayton Insane Hospital, Dayton, O.  
Miami Valley Hospital, Dayton, O.  
Toledo State Hospital, Toledo, O.  
Cincinnati Hospital, Cincinnati, O.  
West Penn. Hospital, Pittsburgh, Pa.  
Uniontown Hospital, Uniontown, Pa.  
John Hopkins Hospital, Baltimore, Md.  
Longview Hospital, Carthage, O.  
Hospital for Epileptics, Gallipolis, O.

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General Kitchen Outfitters

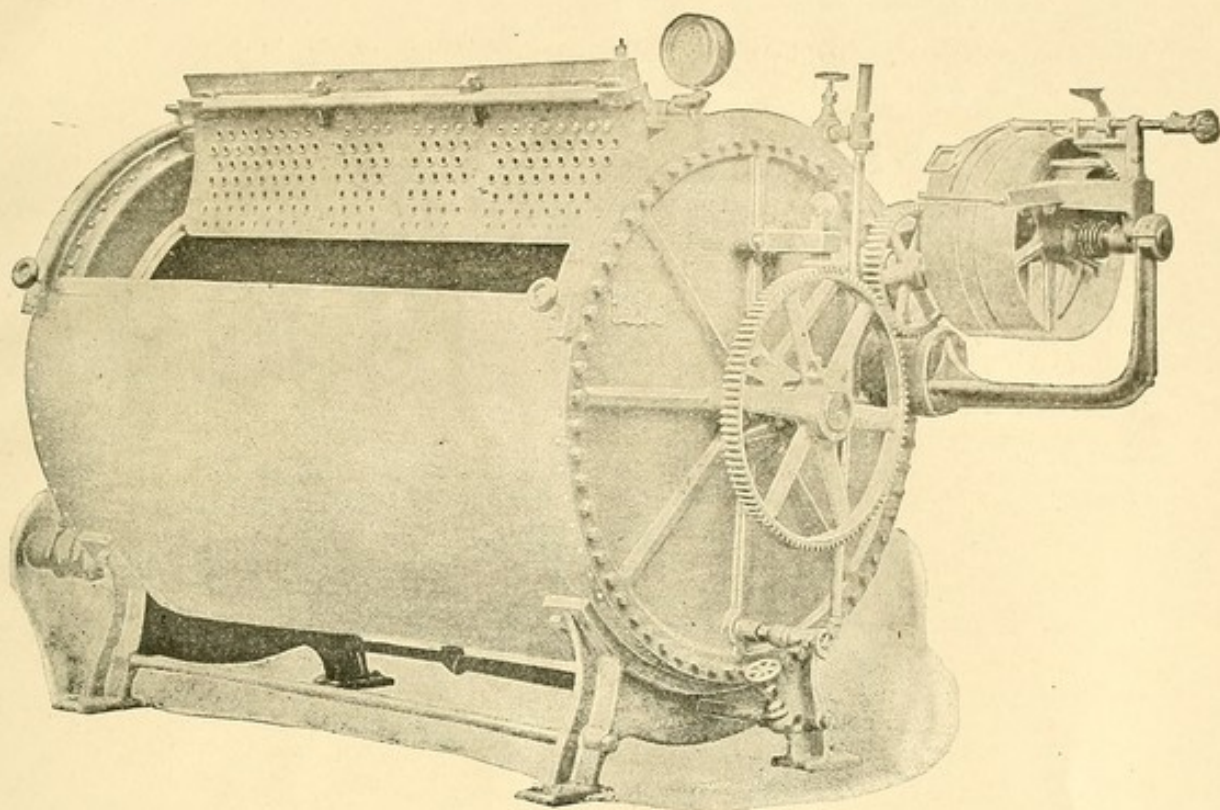
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### STEAM JACKETED STERILIZER AND WASHING MACHINE.

For use in Hospitals and Asylums for the Disinfection and Washing of foul clothing, linen, etc.

This important addition to the Laundry Outfit of Hospitals and Asylums was first devised by us, and has been introduced into many prominent Institutions of the Country.

The Sterilizer shown above combines in one machine a dry heat sterilizing oven—a live steam Sterilizer—and a Reversing Washing Machine.

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Lakeside Hospital, Cleveland, Ohio.

Cleveland State Hospital, Cleveland, Ohio.

West Penn Hospital, Pittsburg, Pa.

Homoeopathic Hospital, Pittsburg, Pa.

Allegheny General Hospital, Allegheny, Pa.

Methodist-Episcopal Hospital, Philadelphia, Pa.

Bellevue and Allied Hospitals, New York, N. Y.

Mt. Sinai Hospital, New York, N. Y.

St. Lukes Hospital, New York, N. Y.

Presbyterian Hospital, New York, N. Y.

Roosevelt Hospital, New York, N. Y.

Fordham Hospital, New York, N. Y.

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