

Book of illustrations to S. Maw, Son & Thompson's quarterly price-current : surgeons instruments, etc.

Contributors

S. Maw, Son & Thompson.

Publication/Creation

London : [S. Maw, Son & Thompson?], 1882.

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BOOK OF ILLUSTRATIONS
TO
S. MAW, SON & THOMPSON'S
Quarterly Price-Current.
SURGEONS' INSTRUMENTS, Etc.
LONDON, 1882.

Price 7/-



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QUARTERLY PRICE-CURRENT.

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BOOK OF ILLUSTRATIONS

TO

S. MAW, SON & THOMPSON'S

QUARTERLY PRICE-CURRENT.

SURGEONS' INSTRUMENTS, ETC.



London :

S. MAW, SON & THOMPSON, 7 TO 12, ALDERSGATE STREET, E.C.

1882.

13939

LONDON :
PARDON AND SONS, PRINTERS,
PATERNOSTER ROW.

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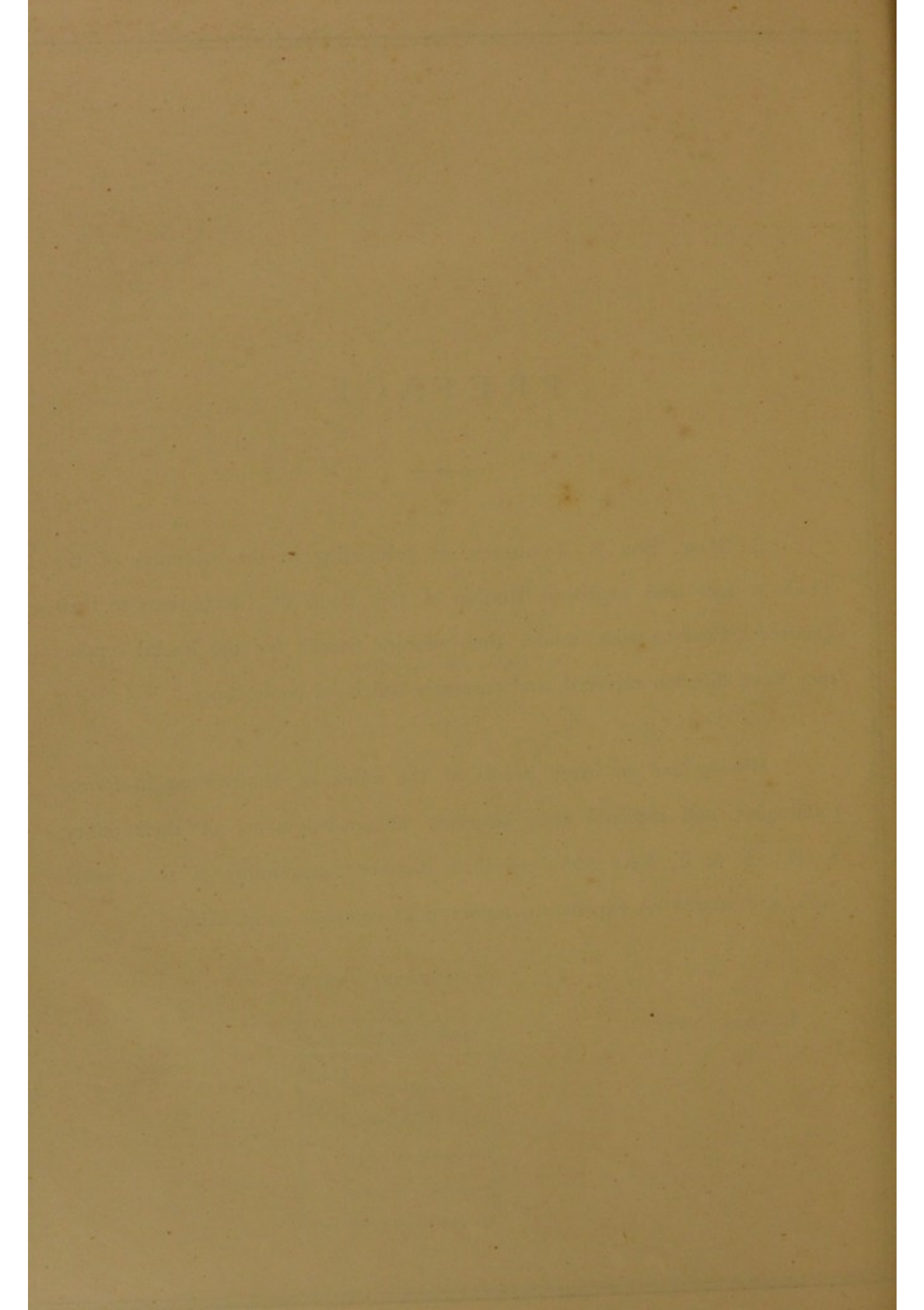
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Having had so many proofs of the value of Illustrations in former Catalogues, and received such flattering acknowledgments of their utility, S. M., S. & T. have added to their number considerably in the present work, and spared no expense to render it as complete as possible.

LONDON, 1882.



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SECTION I.



INSTRUMENTS FOR CAPITAL OPERATIONS,
AMPUTATIONS, ANEURISM, ETC.

CONTENTS OF SECTION I.

AMPUTATION CASES.

AMPUTATION KNIVES.

ARMAMENTARIUM.

ARMY CASES.

ARMY PANNIERS.

ARTERY FORCEPS.

BULLET EXTRACTORS, ETC.

BULLET SCOOP.

EMIGRATION CASE.

FIELD CASE.

GUNSHOT PROBES.

INSTRUMENT CABINET FOR HOSPITALS.

LIGATURE SILK AND WIRE.

NAVY CASES.

NEEDLE HOLDERS.

NEEDLES.

OPERATION CASES.

PENINSULAR AND ORIENTAL SERVICE CASE.

ROYAL MAIL SERVICE CASE.

TOURNIQUETS.

BOOK OF ILLUSTRATIONS

TO

PART I.,

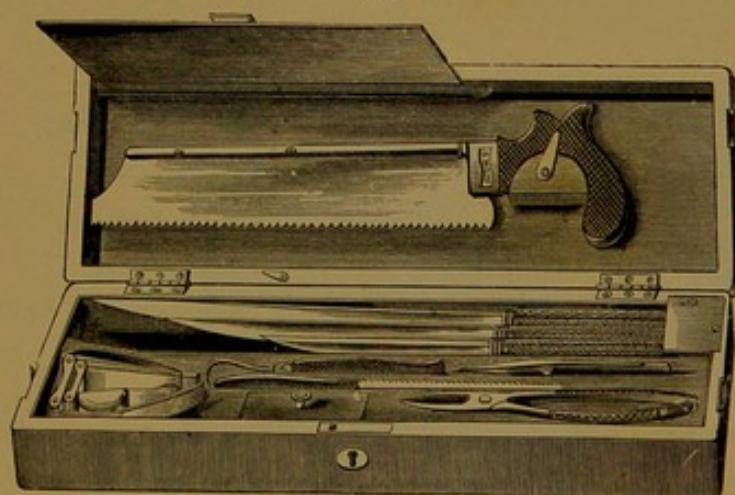
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QUARTERLY PRICE-CURRENT.

SURGEONS' INSTRUMENTS, ETC.

SECTION I.

Fig. 1



AMPUTATION CASE.

CATLIN.
FORCEPS, ARTERY.
FORCEPS, BONE.
KNIVES (Two).
NEEDLES.

SAW.
SAW, FINGER.
SILK.
TENACULUM.
TOURNIQUET.

FIG. 2.—FIELD OPERATION CASE, CONTAINS:—

CATHETER, ELASTIC.	SAW.
CATHETER, PLATED.	SAW, FINGER.
CATLIN.	SAW, SKULL.
ELEVATOR, SKULL.	SCALPELS (Three).
FORCEPS, ARTERY.	TENACULUM.
FORCEPS, BONE.	TOURNIQUET.
FORCEPS, BULLET.	TOURNIQUETS, FIELD (Three).
FORCEPS, SKULL.	TREPHINE.
KNIVES (Two).	TREPHINE BRUSH.
NEEDLES AND SILK.	

FIG. 3.—OPERATION CASE, CONTAINS:—

CATHETER, ELASTIC.	NEEDLES AND SILK.
CATHETER, PLATED.	SAW.
CATLIN.	SAW, FINGER.
ELEVATOR, SKULL.	SAW, SKULL.
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	TENACULUM.
FORCEPS, BULLET.	TOOTH KEY.
FORCEPS, TEETH (Three).	TOURNIQUET.
KNIVES (Two).	TREPHINE AND BRUSH.

THE FOLLOWING ARE ALSO NECESSARY:—

Canula, Tracheotomy.	Forceps, Craniotomy.
Catheter, Female.	Forceps, Midwifery.
Catheters, in Case, Elastic (Four).	Lancets (Four in Case).
Catheters, in Case, Silver (Four).	Perforator.
Crotchet and Blunt Hook.	Pocket Dressing Instruments (Fig. 1, Section III).
Cupping Instruments (Fig. 1, Section II).	Tooth Instruments (Fig. 2, Section VII).

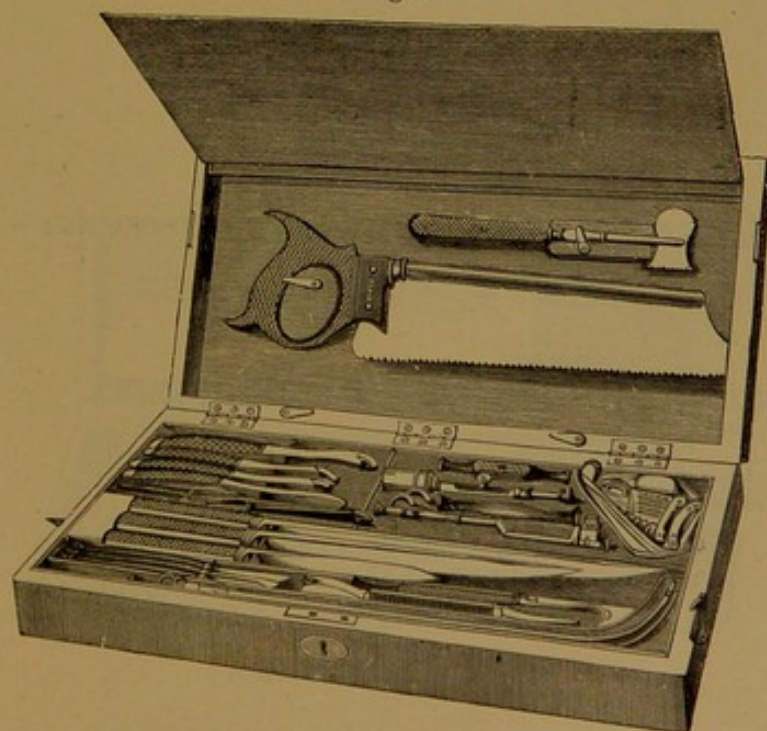
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 2



FIELD OPERATION CASE.

Fig. 3



OPERATION CASE, in accordance with the Regulations of the Emigration Commissioners.

FIG. 4.—OPERATION CASE, CONTAINS:—

BISTOURIES, STRAIGHT (Two).

CATLIN.

FORCEPS, ARTERY (Two).

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, DRESSING.

KNIVES (Four).

NEEDLE, ANEURISM.

NEEDLES AND SILK.

SAW.

SAW, METACARPAL.

SCALPELS (Two).

TENACULUM.

TOURNIQUETS (Two).

TOURNIQUETS, FIELD (Three).

FIG. 4A.—AMPUTATION CASE, CONTAINS:—

CATLIN.

FORCEPS, ARTERY.

FORCEPS, BONE, FERGUSSON'S.

KNIVES (Two).

NEEDLES.

SAW.

SAW, FINGER.

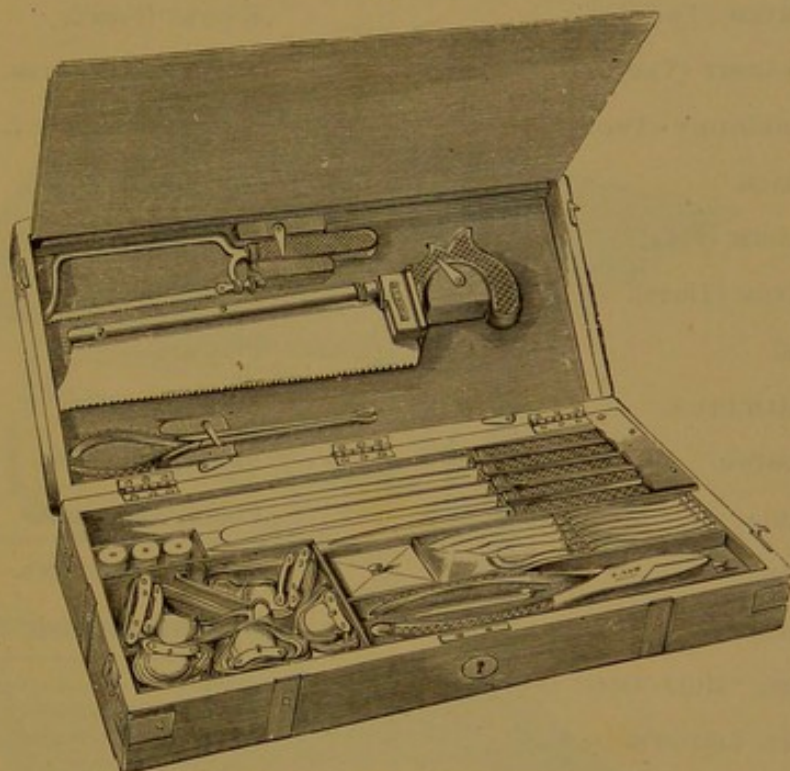
SILK.

TENACULUM.

TOURNIQUET.

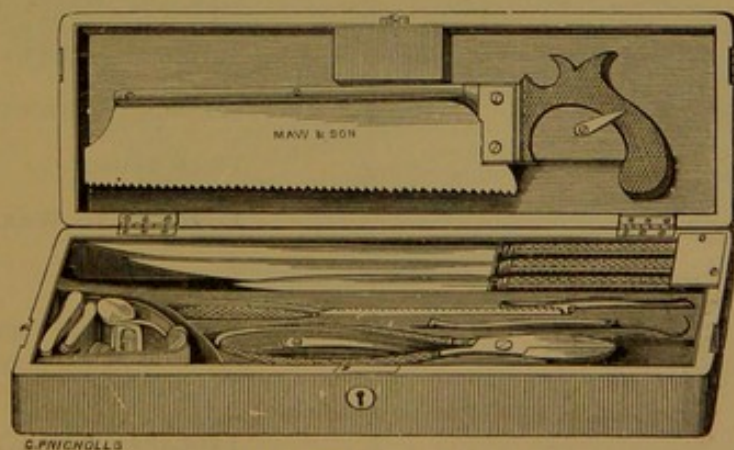
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 4



OPERATION CASE.

Fig. 4A



G. PRICHOLLS

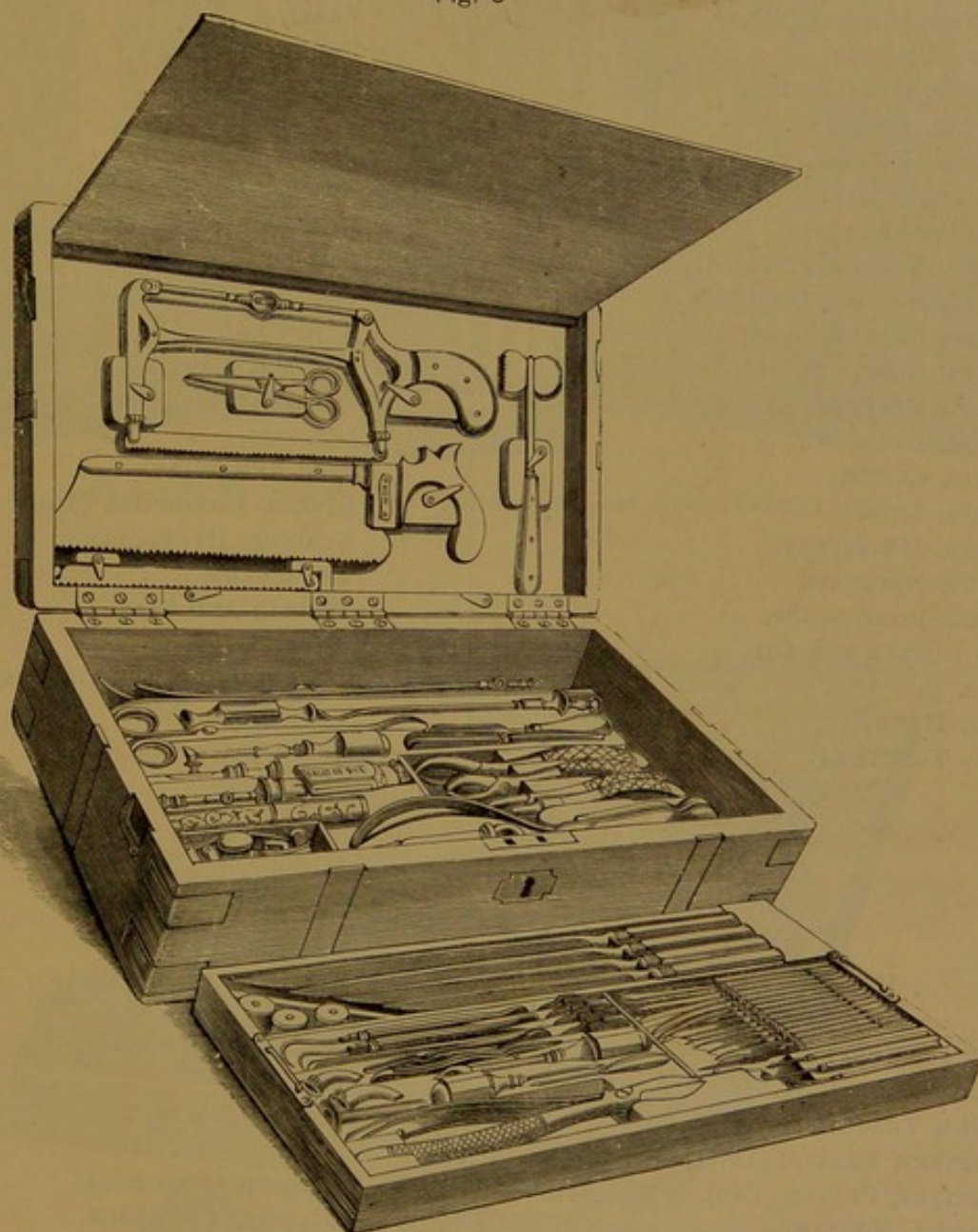
AMPUTATION CASE.

FIG. 5.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).	KNIVES (Four).
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
CANULAS, TRACHEOTOMY (Two).	NEEDLE, CATARACT.
CATHETER, FEMALE.	NEEDLE, LISTON'S.
CATHETERS, ELASTIC (Four).	NEEDLES, SUTURE.
CATHETERS, SILVER (Three).	PLASTER.
CUTTING PLIERS.	PROBANG.
DIRECTOR, CANALICULUS.	PROBE, ANEL'S.
DIRECTOR, DRESSING.	PROBE, DRESSING.
DIRECTOR, HERNIA.	PROBE, GUN-SHOT.
ELEVATOR, SKULL.	PROBES, BOWMAN'S.
EXTRACTOR, BULLET.	RASPATORY.
FORCEPS, ARTERY, "BULL DOG" (Four).	SAW.
FORCEPS, ARTERY, LISTON'S.	SAW, DR. BUTCHER'S.
FORCEPS, ARTERY, SYME'S.	SAW, SKULL.
FORCEPS, BONE.	SCALPEL, CARTILAGE.
FORCEPS, BULLET.	SCALPELS (Six).
FORCEPS, DRESSING.	SCISSORS.
FORCEPS, GOUGE.	SILK AND WIRE.
FORCEPS, LION.	STYLES, LACHRYMAL (Two).
FORCEPS, MIDWIFERY.	SYRINGE, HYDROCELE.
FORCEPS, NECROSIS.	TENACULUM.
FOREIGN BODY SCOOP.	THREAD AND WAX.
GLASS BOTTLE FOR OIL.	TOURNIQUET.
GOUGE.	TOURNIQUETS, FIELD (Three).
KNIFE, HERNIA.	TREPHINES (Two).
KNIFE, TENOTOMY.	TROCARS (Three).

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 5



OPERATION CASE, in accordance with the Army Regulations.

FIG. 6.—OPERATION CASE, CONTAINS:—

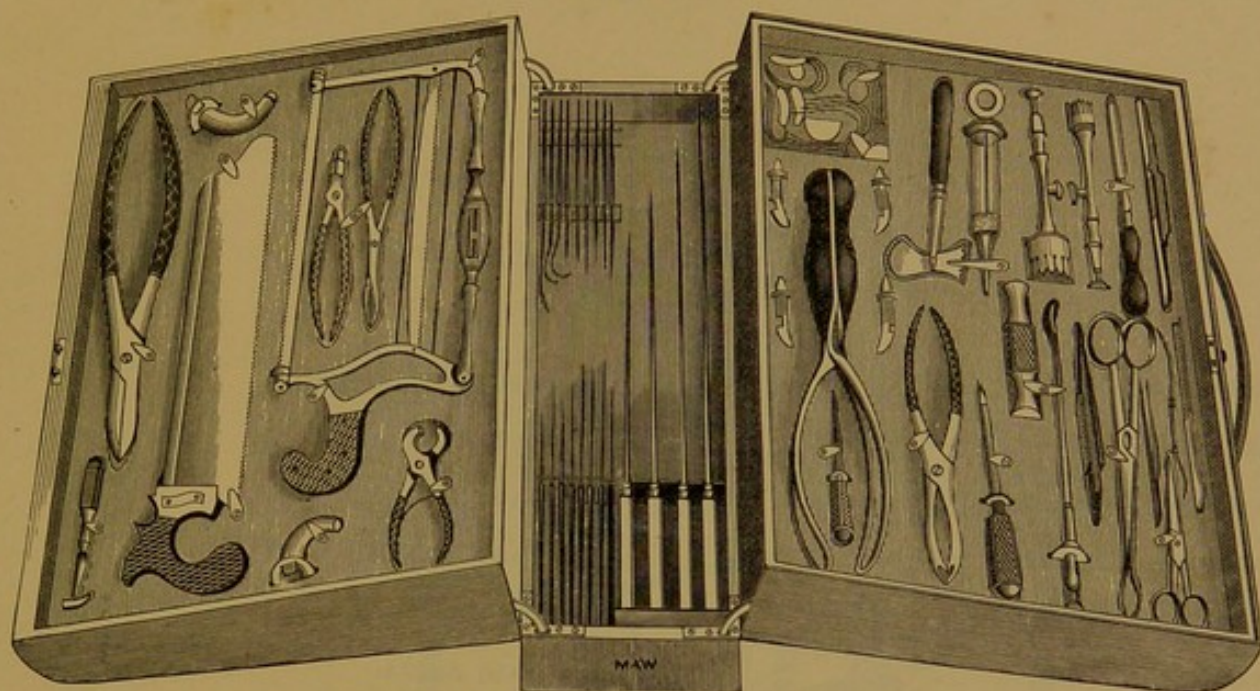
BISTOURIES, CURVED (Two).	KNIVES (Four).
BISTOURIES, STRAIGHT (Two).	NEEDLE, ANEURISM.
CANULAS, TRACHEOTOMY (Two).	NEEDLE, CATARACT.
CATHETER, FEMALE.	NEEDLE, LISTON'S.
CATHETERS, ELASTIC (Four).	NEEDLES, SUTURE.
CATHETERS, SILVER (Three).	PLASTER.
CUTTING PLIERS.	PROBANG.
DIRECTOR, CANALICULUS.	PROBE, ANEL'S.
DIRECTOR, DRESSING.	PROBE, DRESSING.
DIRECTOR, HERNIA.	PROBE, GUN-SHOT.
ELEVATOR, SKULL.	PROBES, BOWMAN'S.
EXTRACTOR, BULLET.	RASPATORY.
FORCEPS, ARTERY, "BULL DOG" (Four).	SAW.
FORCEPS, ARTERY, LISTON'S.	SAW, DR. BUTCHER'S.
FORCEPS, ARTERY, SYME'S.	SAW, SKULL.
FORCEPS, BONE.	SCALPEL, CARTILAGE.
FORCEPS, BULLET.	SCALPELS (Six).
FORCEPS, DRESSING.	SCISSORS.
FORCEPS, GOUGE.	SILK AND WIRE.
FORCEPS, LION.	STYLES, LACHRYMAL (Two).
FORCEPS, MIDWIFERY.	SYRINGE, HYDROCELE.
FORCEPS, NECROSIS.	TENACULUM.
FOREIGN BODY SCOOP.	THREAD AND WAX.
GLASS BOTTLE FOR OIL.	TOURNIQUET.
GOUGE.	TOURNIQUETS, FIELD (Three).
KNIFE, HERNIA.	TREPHINES (Two).
KNIFE, TENOTOMY.	TROCARS (Three).

FIG. 7.—OPERATION CASE, CONTAINS:—

BISTOURY, CURVED.	NEEDLES, SUTURE.
BISTOURY, STRAIGHT.	PROBANG.
CANULA, TRACHEOTOMY.	PROBE, GUN-SHOT.
CATHETERS, ELASTIC (Three).	SAW.
CATHETERS, PLATED (Two).	SAW, SHIFTING BACK.
DIRECTOR, HERNIA.	SCALPEL, CARTILAGE.
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	SILK.
FORCEPS, "BULL DOG" (Two).	TENACULUM.
FORCEPS, BULLET.	THREAD.
FORCEPS, DRESSING.	TOURNIQUET.
KNIVES (Three).	TREPHINE.
NEEDLE, ANEURISM.	TROCAR, BLADDER.
NEEDLE, LISTON'S.	TROCAR, HYDROCELE.

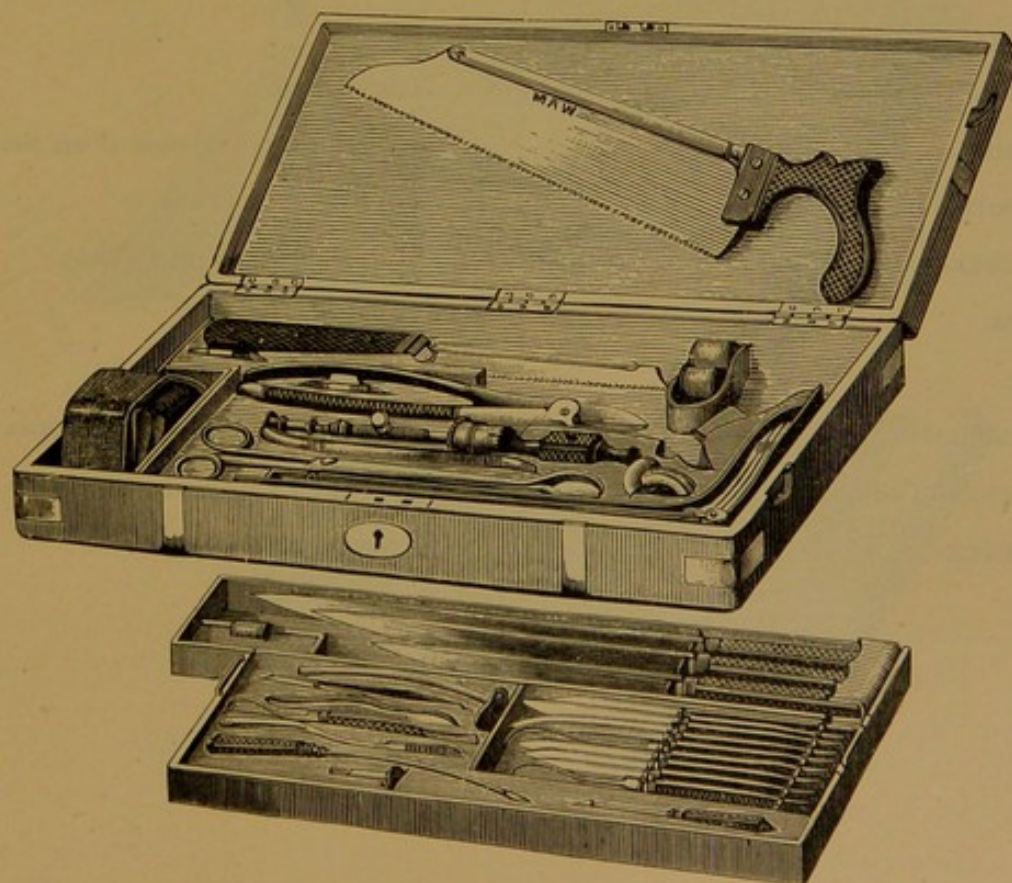
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 6



OPERATION CASE, in accordance with the Army Regulations.

Fig. 7



OPERATION CASE, in accordance with the Army Regulations.

FIG. 8.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).

BISTOURY, FISTULA.

CATHETER, FEMALE.

CATHETERS, ELASTIC-GUM (Two).

CATHETERS, SILVER (Two).

CATLIN.

ELEVATOR, TOOTH.

ELEVATORS, SKULL (Two).

FORCEPS, ARTERY (Three).

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, SKULL.

FORCEPS, TOOTH (Two).

KNIVES, DOUBLE-EDGED (Four).

LANCET, GUM.

LENTICULAR.

NEEDLE, ANEURISM.

NEEDLES, SETON (Two).

NEEDLES, SUTURE.

PROBE, GUN-SHOT.

PUNCH, TOOTH.

SAW.

SAW, FINGER.

SAW, METACARPAL.

SAW, SKULL.

SCALPEL, CARTILAGE.

SCALPELS (Five).

SCOOP, BULLET.

SILK.

TOOTH KEY.

TOURNIQUET FITTINGS (Four Sets).

TOURNIQUETS (Two).

TOURNIQUETS, FIELD (Two).

TREPHINE BRUSH.

TREPHINES (Two).

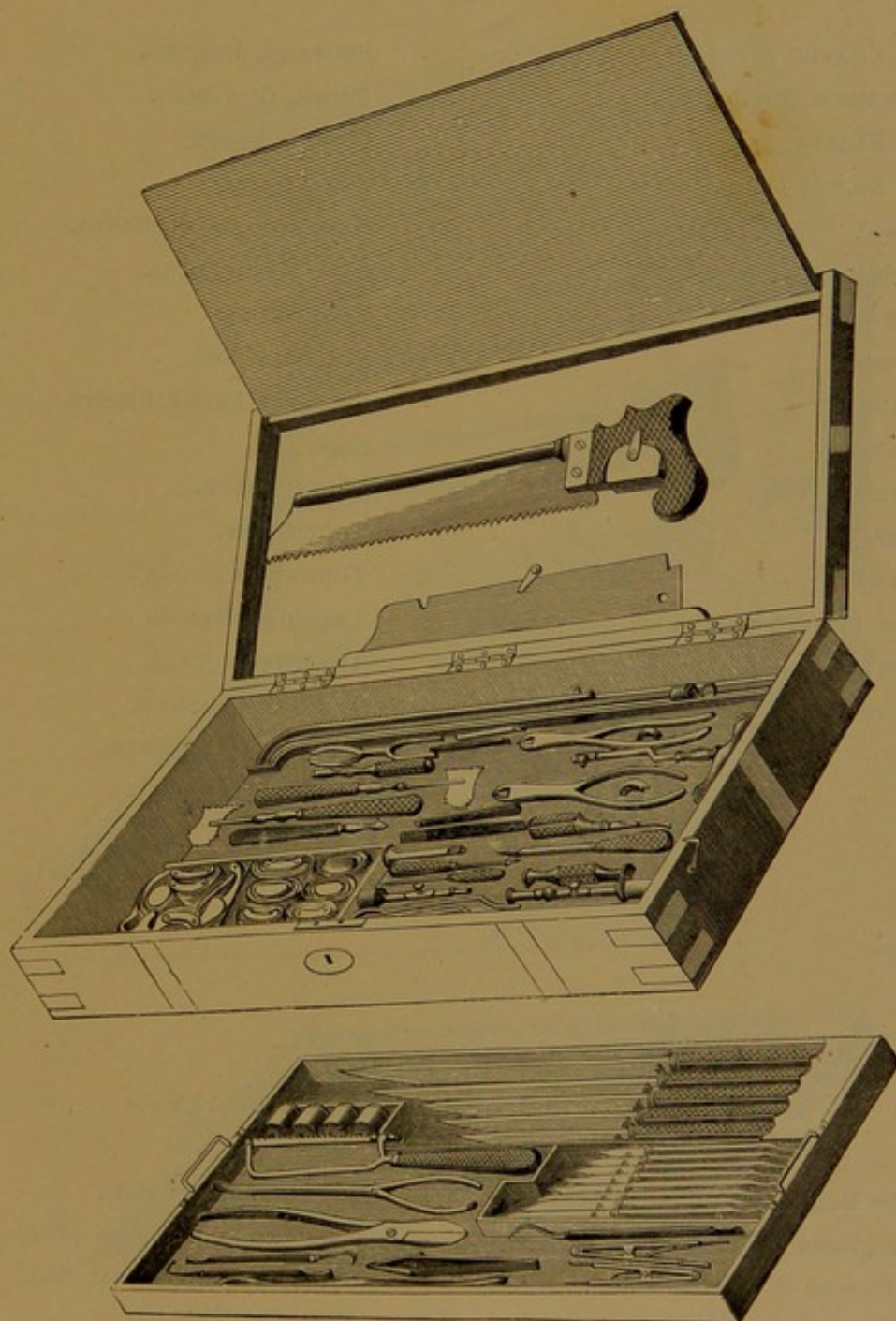
TROCER, ABDOMEN, WITH EXTRA CANULA.

TROCER, EXPLORING.

TROCER, HYDROCELE.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 8



OPERATION CASE.

FIG. 9.—OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).

CANULAS, TRACHEOTOMY (Two).

CATHETERS, ELASTIC-GUM (Two).

CATHETERS, SILVER (Two).

CATLINS (Two).

ELEVATOR, SKULL.

FORCEPS, ARTERY.

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, SKULL.

FORCEPS, TOOTH (Two).

KNIVES (Three).

LANCET, GUM.

LENTICULARS (Two).

NEEDLES, SETON (Two).

NEEDLES, SUTURE.

PROBANG.

PROBANG, JOINTED.

PROBE, GUN-SHOT.

PUNCH, TOOTH.

RASPATORY.

SAW, AND SPARE BLADE.

SAW, METACARPAL.

SAW, SKULL.

SCALPELS (Six).

SCISSORS, PROBE POINTS.

SILK.

SKULL RAZOR.

TOOTH KEY.

TOURNIQUETS (Six).

TREPHINE BRUSH.

TREPHINES (Two).

TROCAR, ABDOMEN.

TROCAR, HYDROCELE.

THE FOLLOWING ARE ALSO NECESSARY:—

Apparatus for Restoring Suspended Animation.

Bandages, Eighteen Tailed (Two).

Bandages, Flannel or Linen (Twelve).

Bougies in Case (Two Dozen).

Cupping Instruments (Fig. 1, Section II).

Dressing Instruments (Fig. 1, Section III).

Lancets in Case (Six).

Syringes, Pewter, 8-oz. (Two).

Syringes, Pewter, $\frac{1}{2}$ -oz. (Six).

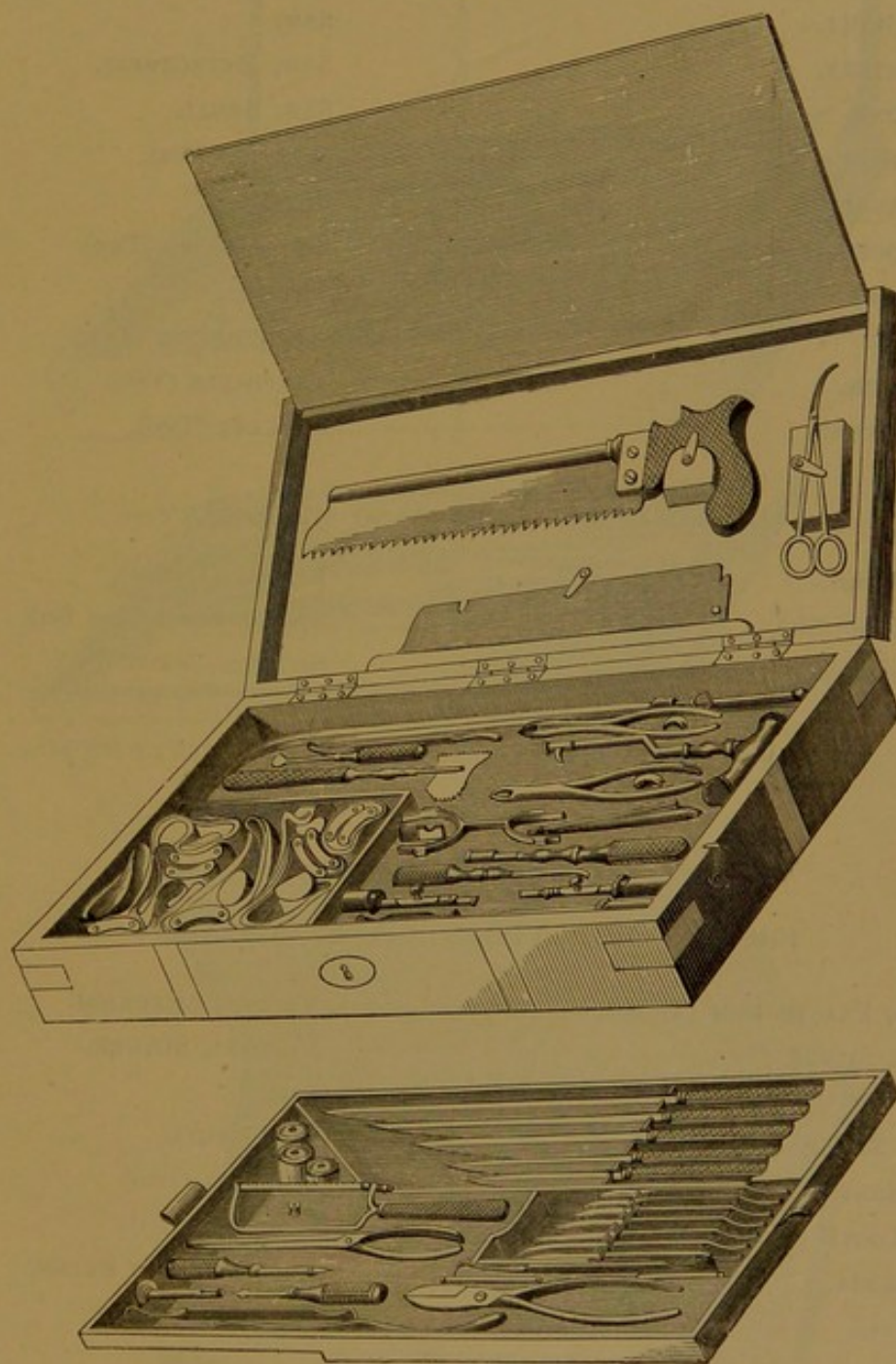
Tape and Webbing.

Thermometer, Clinical.

Wood Chest for the Outfit.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 9



OPERATION CASE, in accordance with the Navy Regulations.

FIG. 10.—OPERATION CASE, CONTAINS :—

CATHETERS, ELASTIC (Two).

CATHETERS, SILVER (Two).

CATLIN.

ELEVATOR, SKULL.

FORCEPS, ARTERY.

FORCEPS, BONE.

FORCEPS, BULLET.

FORCEPS, SKULL.

FORCEPS, TOOTH (Two).

KNIVES (Three).

LANCET, GUM.

NEEDLE, SETON.

NEEDLES, SUTURE.

PROBANG.

PROBE, GUN-SHOT.

PUNCH, TOOTH.

SAW.

SAW, METACARPAL.

SAW, SKULL.

SCALPELS (Six).

SILK.

TENACULUMS (Two).

THREAD.

TOURNIQUETS (Two).

TREPHINES (Two).

TROCARS (Two).

THE FOLLOWING ARE ALSO NECESSARY :—

Bandages (Three).

Bougies in Case (Six).

Dressing Instruments (Fig. 1, Section III).

Lancets (Twelve).

Splints, Lined (One Set).

Syringes, Pewter (Six).

Thermometer, Clinical.

FIG. 11.—OPERATION CASE, CONTAINS :—

CATHETERS, ELASTIC-GUM (Three).

CATHETERS, SILVER (Two).

DIRECTOR.

ELEVATOR, SKULL.

FORCEPS, BONE.

FORCEPS, TOOTH (Two).

KNIFE, HERNIA.

KNIVES (Two).

NEEDLE, ANEURISM.

NEEDLES, SUTURE.

SAW.

SAW, SKULL.

SCALPELS (Two).

SILK.

TREPHINE AND BRUSH.

TROCARS (Two).

THE FOLLOWING ARE ALSO NECESSARY :—

Dressing Instruments (Fig. 1, Section III).

Obstetric Forceps, Perforator, and Blunt
Hook.

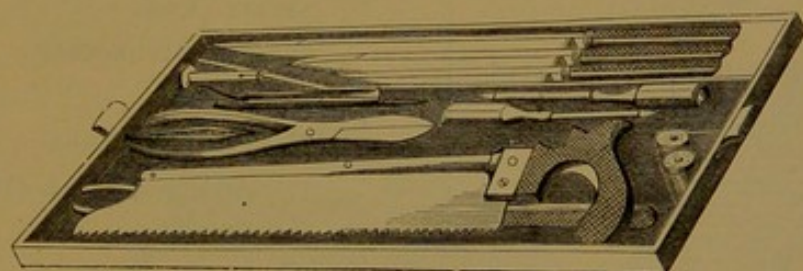
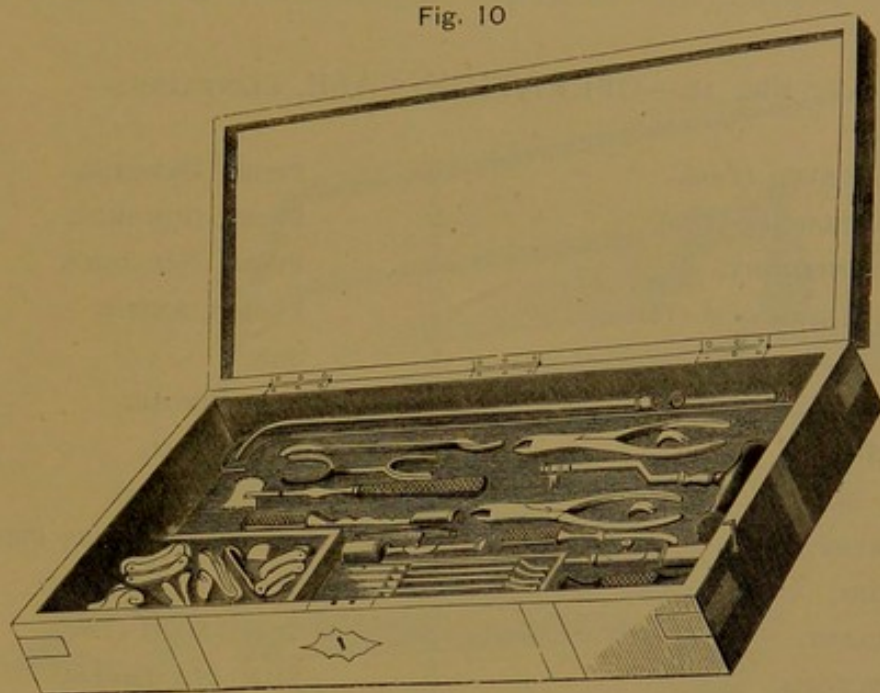
Syringe, Hypodermic.

Thermometer, Clinical.

Vaccine Lymph (Twelve Tubes).

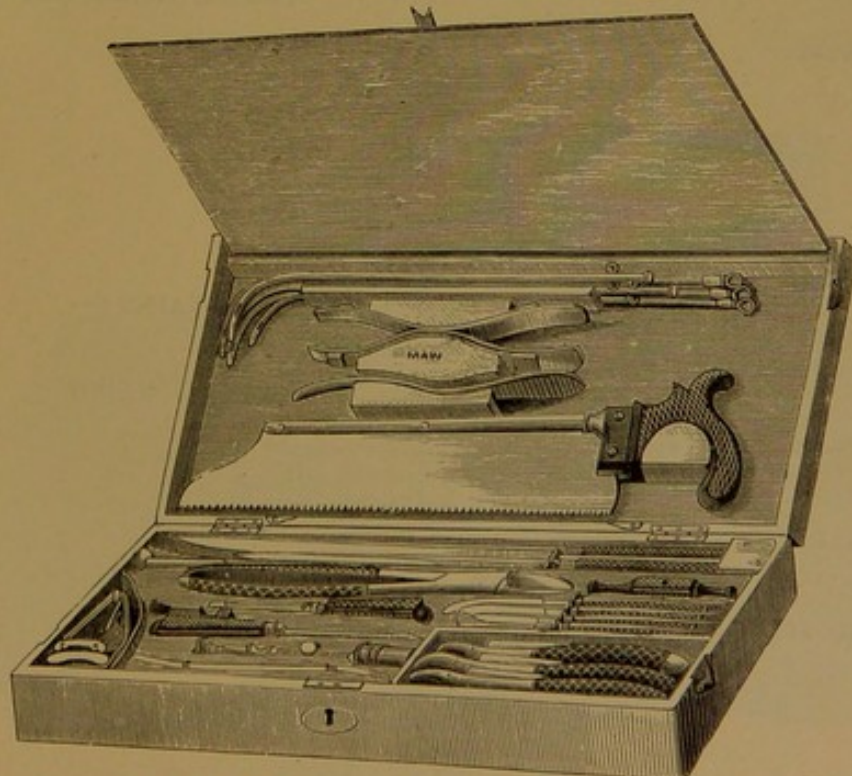
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 10



OPERATION CASE for Assistant Surgeons in the Royal Navy.

Fig. 11



OPERATION CASE for Passenger Ships.

FIG. 12.—OPERATION CASE, CONTAINS :—

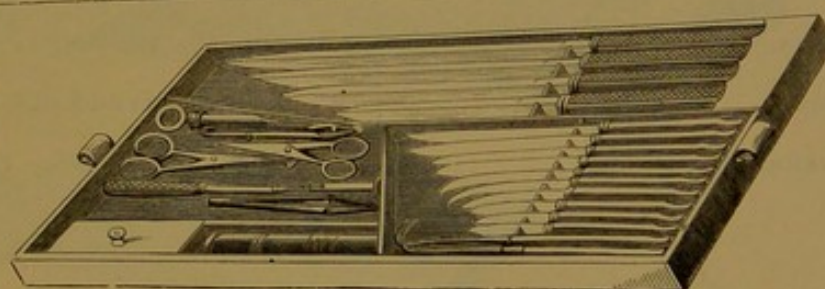
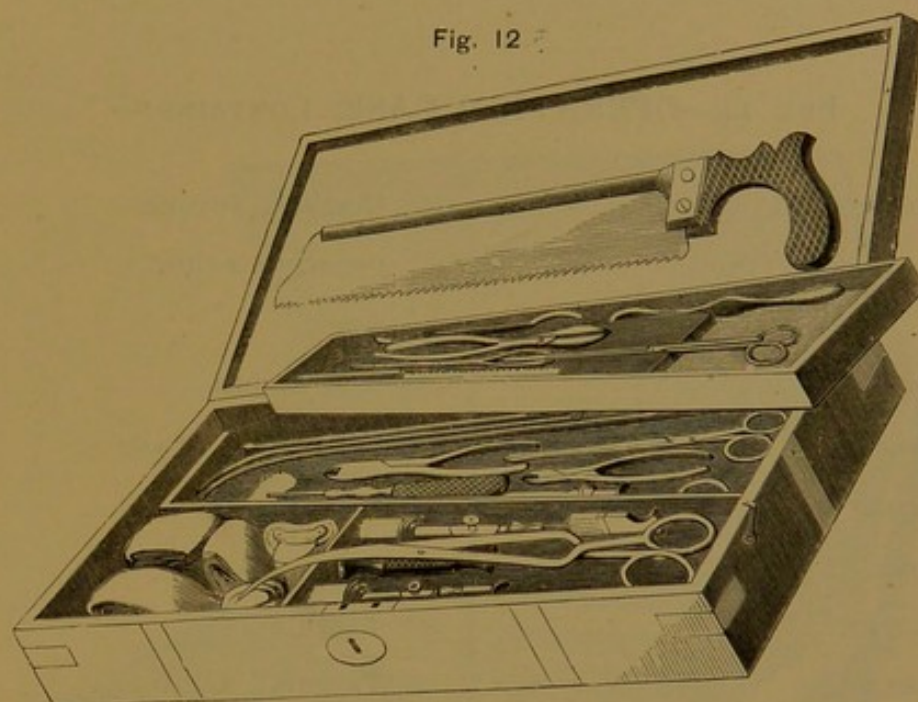
BISTOURIES, CURVED (Two).	PROBE, DRESSING.
BISTOURIES, STRAIGHT (Two).	PROBE, GUN-SHOT.
CANULA, TRACHEOTOMY.	PROBE, NÉLATON'S.
CATHETERS, ELASTIC-GUM (Three).	PROBES, ANEL'S.
CATHETERS, PLATED (Three).	SAW.
CATLIN.	SAW, FINGER.
ELEVATOR, SKULL.	SAW, SKULL.
EXTRACTOR, BULLET.	SCALPELS (Six).
FORCEPS, ARTERY.	SCISSORS, CURVED, PROBE POINTS.
FORCEPS, BONE.	SCISSORS, STRAIGHT.
FORCEPS, BULLET.	SERRE-FINES (Two).
FORCEPS, NECROSIS.	SILK AND THREAD.
FORCEPS, SKULL.	STYLES (Two).
FORCEPS, THROAT.	SYRINGE, HYDROCELE.
FORCEPS, TOOTH.	TENACULUM.
FORCEPS, TORSION.	TOURNIQUETS (Two).
FORCEPS, URETHRA.	TOURNIQUETS, FIELD (Three).
KNIVES (Three).	TREPHINE BRUSH.
NEEDLE, ANEURISM.	TREPHINES (Two).
NEEDLES, SUTURE.	TROCAR, ABDOMEN.
PROBANG.	TROCAR, HYDROCELE.
PROBANG, JOINTED.	WIRE.

FIG. 13.—OPERATION CASE, CONTAINS :—

CATHETER.	PROBE, GUN-SHOT.
FORCEPS, ARTERY.	SAW.
FORCEPS, BONE.	SILK.
FORCEPS, BULLET.	THREAD.
KNIVES (Two).	TOURNIQUETS (Two).
NEEDLES, SUTURE.	WIRE.

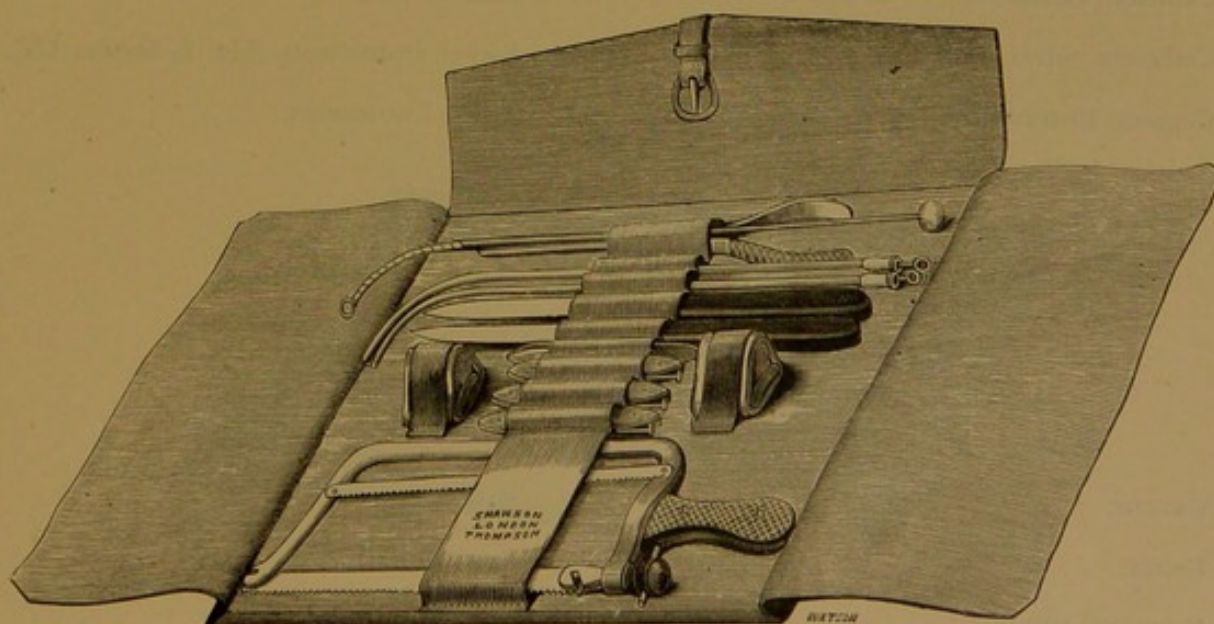
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 12



OPERATION CASE.

Fig. 13



OPERATION CASE.

FIG. 14.—OPERATION CASE, CONTAINS :—

BISTOURIES, CURVED (Two).	NEEDLES, SUTURE.
BISTOURIES, STRAIGHT (Two).	PROBE, GUN-SHOT.
CATLIN.	SAW.
DIRECTOR, HERNIA.	SAW, FINGER.
ELEVATOR, SKULL.	SAWS, SKULL (Two).
FORCEPS, ARTERY.	SCALPELS (Three).
FORCEPS, BONE.	TOURNIQUET.
FORCEPS, BULLET.	TREPHINE.
KNIFE, CIRCULAR.	TREPHINE BRUSH.
KNIFE, HERNIA.	TROCAR, ABDOMEN.
KNIVES (Two).	TROCAR, HYDROCELE.
NEEDLE, ANEURISM.	WIRE AND SILK.

THE FOLLOWING ARE ALSO NECESSARY :—

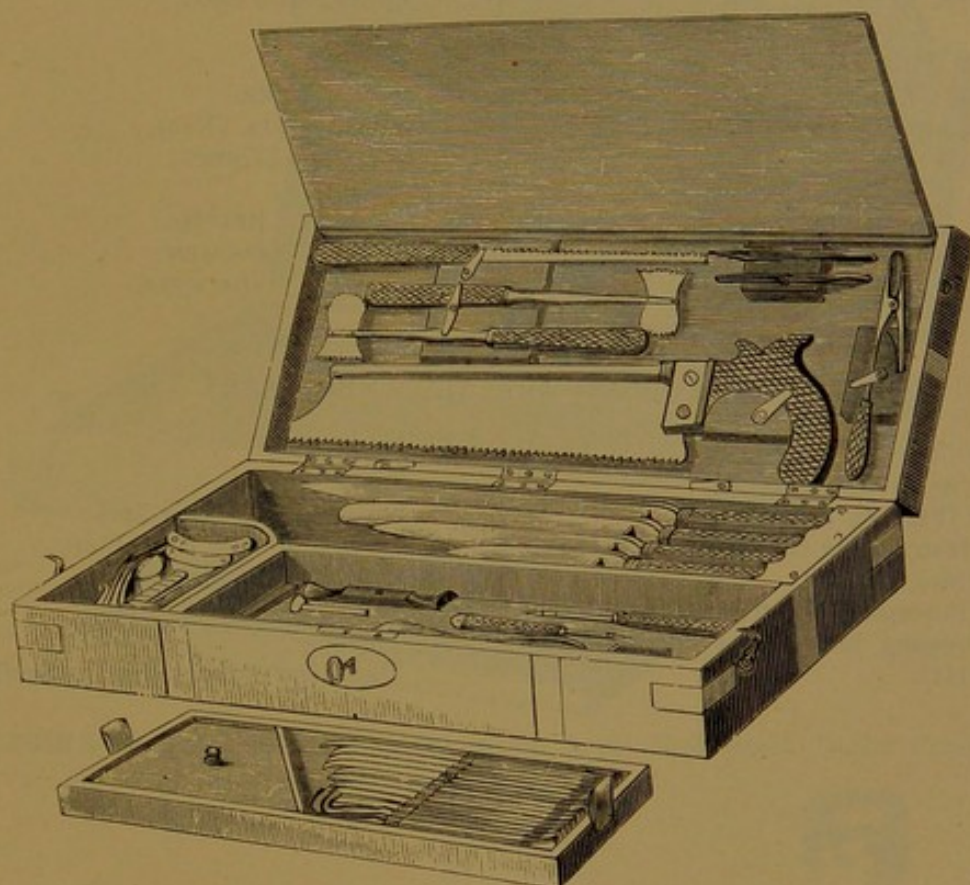
Bougies (Six in Case).	Forceps, Midwifery.
Catheter, Female.	Lancets (Six).
Catheters, Silver, Male (Three).	Pocket Instruments (Fig. 1, Section III).
Cupping Instruments (Fig. 1, Section II).	Tooth Instruments.

FIG. 15.—AMPUTATION CASE, CONTAINS :—

CATLIN.	SAW.
KNIFE.	SAW, SKULL.
NEEDLES AND SILK.	TOURNIQUET.

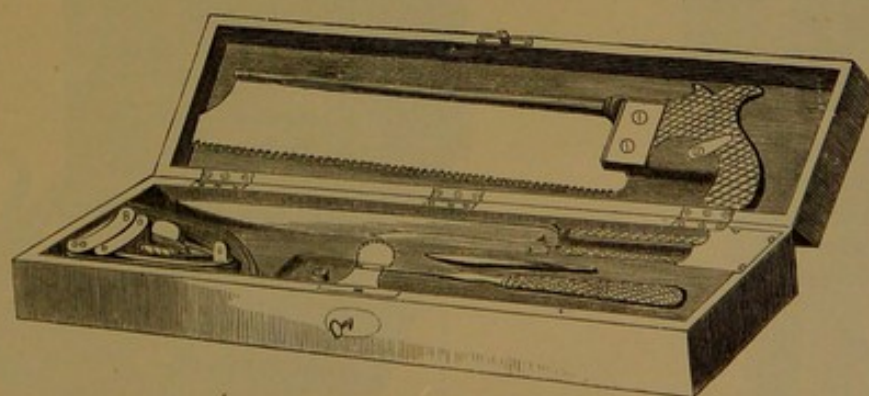
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 14



OPERATION CASE for Surgeons in the Peninsular and Oriental Company's Service.

Fig. 15



AMPUTATION CASE.

FIG. 16.—OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 CATLIN.
 DIRECTOR, HERNIA.
 ELEVATOR, SKULL.
 FORCEPS, ARTERY (Two).
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, DRESSING.
 KNIVES (Two).
 NEEDLE, ANEURISM.

NEEDLES AND SILK.
 PROBE, GUN-SHOT.
 RASPATORY.
 SAW.
 SAW, FINGER.
 SAWS, SKULL (Two).
 SCALPELS (Three).
 TREPHINE.
 TREPHINE BRUSH.
 TROCAR, ABDOMEN.
 TROCAR, HYDROCELE.

THE FOLLOWING ARE ALSO NECESSARY:—

Bandages (Two Dozen).
 Bougies (Six in Case).
 Catheters (Fig. 36, Section VIII).
 Cupping Instruments (Fig. 1, Section II).
 Lancets (Six).
 Obstetric Forceps, Perforator and Blunt Hook.
 Pocket Dressing Instruments (Fig. 1, Section III).

Probang.
 Splint, Liston's.
 Splints, Lined (One Set).
 Syringe, Pewter (One Pint).
 Syringes, Urethra (Six).
 Tape.
 Thread.
 Tooth Instruments (Fig. 2, Section VII).

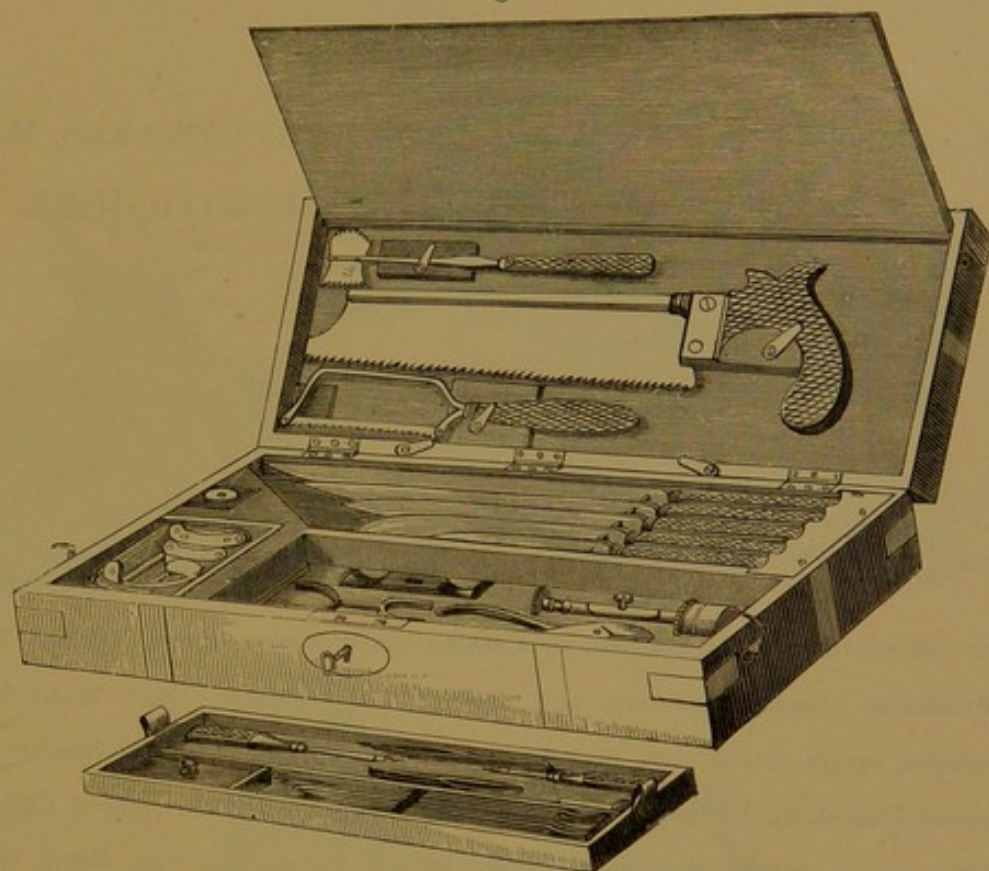
FIG. 17.—PORTABLE FIELD OPERATION CASE, CONTAINS:—

BISTOURIES, CURVED (Two).
 BISTOURIES, STRAIGHT (Two).
 BRUSHES, CAUSTIC (Two).
 CANULA, TRACHEOTOMY.
 CATHETER, SILVER (No. 8).
 CATLIN.
 CAUSTIC WITH SILVER CASE.
 ELEVATOR, SKULL.
 EXTRACTOR, BULLET.
 FORCEPS, ARTERY (Two).
 FORCEPS, BONE.
 FORCEPS, BULLET.
 FORCEPS, SKULL.
 FORCEPS, TOOTH.
 KNIFE, HERNIA.
 KNIFE, TENOTOMY.
 KNIVES (Two).
 LANCET, GUM.
 LINT.
 NEEDLE, ANEURISM.
 NEEDLE, LISTON'S.
 NEEDLES, SUTURE.
 OILED SILK.

PLASTER, ADHESIVE.
 PLASTER, ISINGLASS.
 PLASTER ON OILED SILK.
 PROBANG.
 PROBE, GUN-SHOT.
 PROBE, NÉLATON'S.
 SAW.
 SAW, FINGER.
 SAW, METACARPAL.
 SAW, SKULL.
 SCALPELS (Four).
 SCISSORS.
 SCOOP, BULLET.
 SYRINGE, HYDROCELE.
 TENACULUM.
 THREAD, SILK, AND WIRE.
 TISSUE, GUTTA-PERCHA.
 TOOTH KEY.
 TOOTH PUNCH.
 TREPHINE AND BRUSH.
 TROCAR, ABDOMEN.
 TROCAR, EXPLORING.
 TROCAR, HYDROCELE.

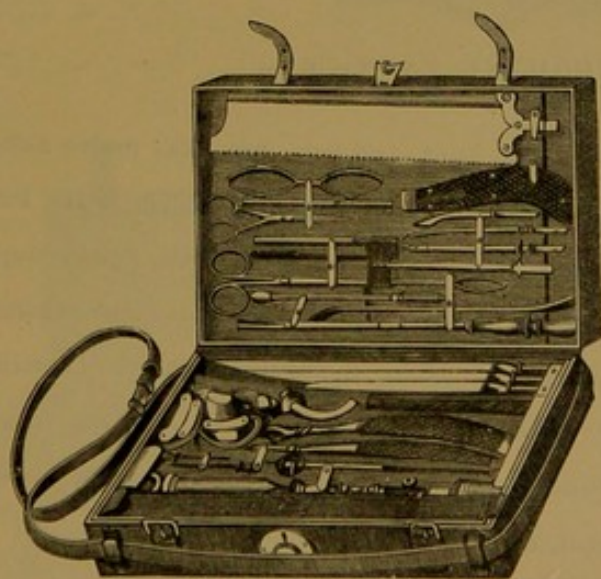
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 16



OPERATION CASE for Surgeons in the Royal Mail Steam Packet Service.

Fig. 17



PORTABLE FIELD OPERATION CASE.



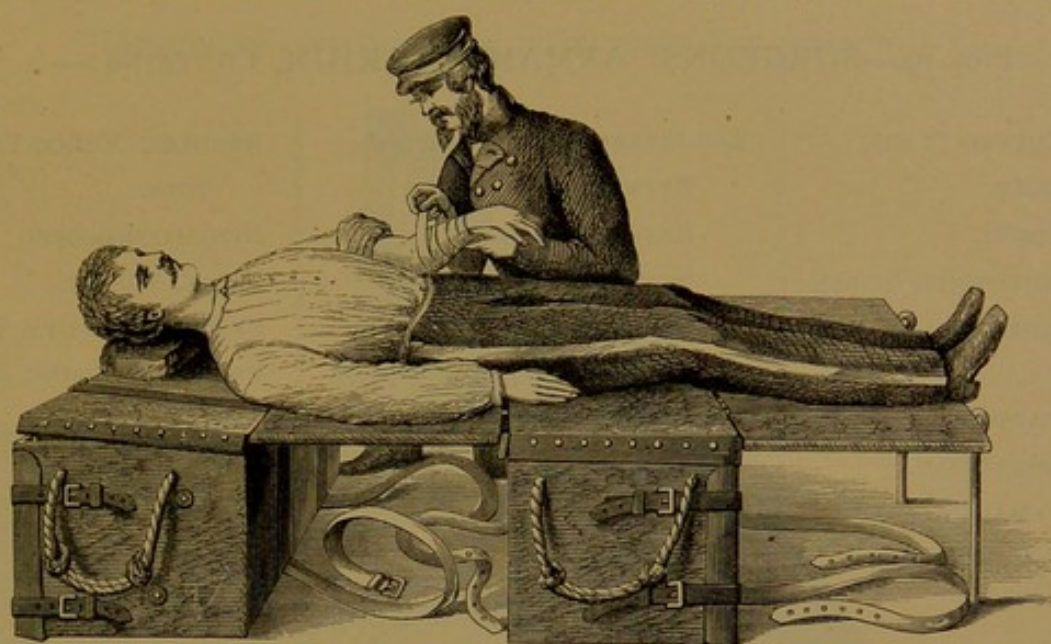
FIG. 18.—ARMY PANNIERS, FOR 300 MEN AND UPWARDS, MADE OF STRONG WICKER, AND COVERED WITH HIDE.

CONTENTS OF INSTRUMENT PANNIER :—

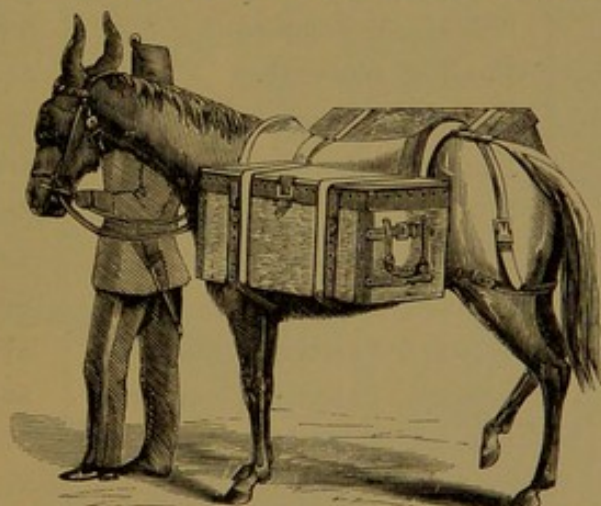
Complete set of Instruments, enclosed in a strong patent-leather cover, Pocket Dressing Instruments, Enema Apparatus, two dozen Calico Bandages, three Water-dressing Bandages, twelve Elastic-gum Bougies, twelve Elastic-gum Catheters, Needles, Tape, Ligature Thread, six Field Tourniquets, one Spiral Tourniquet, four pairs of Cline's Leg Splints, set of Arm Splints, set of lined Splints, Pewter Bed Pan, Metal Washing Basin, and two packets of Pins.

CONTENTS OF MEDICINE PANNIER :—

Thirty-one green flint stoppered square Bottles (two 32-oz., two 8-oz., five 4-oz., twelve 2-oz., five 1-oz., and five $\frac{3}{4}$ -oz.), five 2-oz. Capped Ethers, six small Japanned Tin Boxes, Pill Tile, Scissors, Pill Knife, Bolus Knife, Glass Measures, Mortar and Pestle, Pewter Cup, Scales and Weights, 1 lb. Cotton Wool, three Sponges, half-quire Demy Paper, Twine, Waxed Paper, Gutta-percha Tissue, three $\frac{1}{2}$ -oz. Glass Syringes, Bull's-eye Lantern, Corkscrew, one yard Oiled Silk, Pill Boxes, Gallipots, Corks, Wax Candles, Glass Inkstand, Writing Paper, Slip Labels, Pens, Wafers, Sealing Wax, Tin of Wax Matches, and Empty Tins for tea, sugar, arrowroot, and coffee.

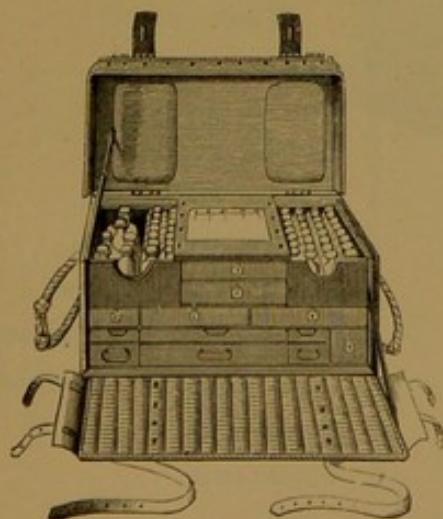
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

PAIR OF ARMY PANNIERS, forming an Operation Table.

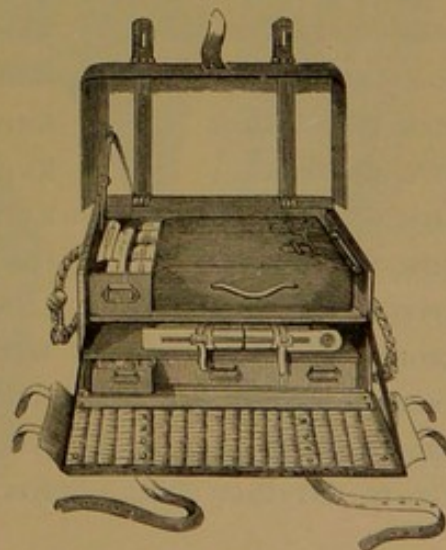


PAIR OF ARMY PANNIERS, packed for Transport.

Fig. 18



MEDICINE PANNIER, Open.



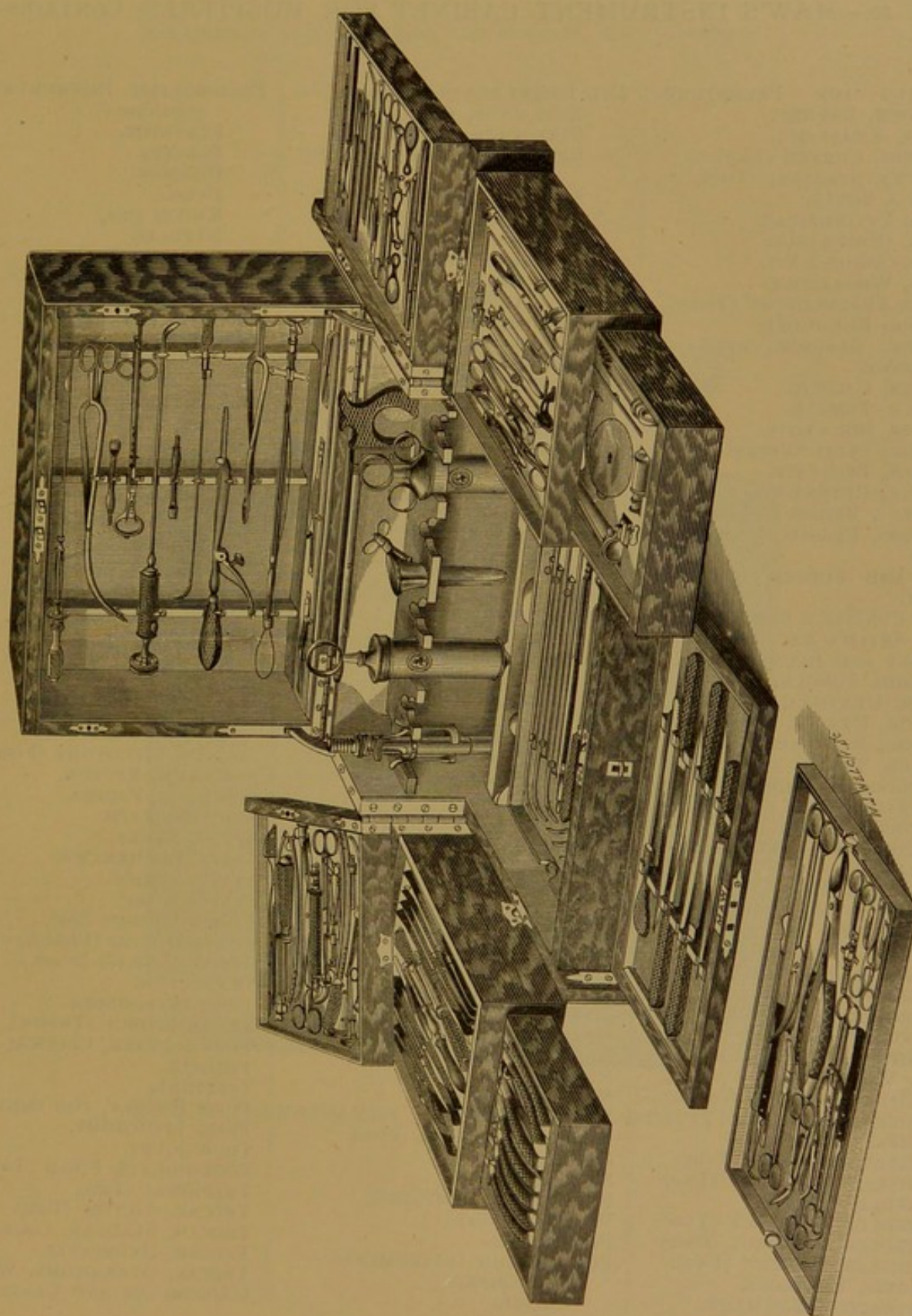
INSTRUMENT PANNIER, Open.

FIG. 19.—SURGEONS' ARMAMENTARIUM, CONTAINS :—

BISTOURIES, CURVED (Two).	EYE INSTRUMENTS (<i>Continued</i>)—	NEEDLES, VESICO-VAGINAL FIS-
BOUGIES À BOULE.	RETRACTOR.	TULA.
CANULA, BELLOC'S.	RETRACTOR, STOP.	OPHTHALMOSCOPE.
CANULA, TRACHEOTOMY, SILVER.	SCARIFIER.	PROBE, BULLET.
CANULA, TRACHEOTOMY, VULCA-	SCISSORS.	PROBE, PLAYFAIR'S UTERUS.
NITE.	SPOON, DOUBLE.	PROBES, DRESSING (Two).
CATHETER, BLADDER.	STYLE.	SAW, AMPUTATION.
CATHETER, EUSTACHIAN.	VECTIS.	SAW, METACARPAL.
CATHETERS, FEMALE (Two).	FORCEPS, ARTERY.	SCALPELS (Six).
CATHETERS (Set of Twelve).	FORCEPS, BONE.	SCISSORS, FISTULA.
CATLIN.	FORCEPS, "BULL DOG" (Two).	SCISSORS, HARE-LIP.
DEPRESSOR, NOSE.	FORCEPS, CAUSTIC.	SCISSORS, RICHARDSON'S.
DEPRESSOR, UTERUS.	FORCEPS, DISSECTION.	SCISSORS, UVULA.
DILATOR, HERNIA.	FORCEPS, FOREIGN-BODY.	SOUND, SIMPSON'S UTERUS.
DIRECTOR, FISTULA.	FORCEPS, HARE-LIP.	SOUND, SLIDING.
DIRECTOR, HERNIA.	FORCEPS, LITHOTOMY.	SOUNDS, BLADDER (Two).
ECRASEUR.	FORCEPS, PHYMOSIS.	SPECULUM, EAR.
EYE INSTRUMENTS :—	FORCEPS, PILE (Two Pairs).	SPECULUM, RECTUM.
CURETTE.	FORCEPS, POLYPUS.	SPECULUM, VAGINA.
CYSTOTOME.	FORCEPS, SINUS.	STRICTURE DILATOR.
FORCEPS, CILIA.	FORCEPS, THROAT, CURVED.	SYRINGE, BLADDER.
FORCEPS, ENTROPIUM.	FORCEPS, THROAT; MACKENZIE'S.	SYRINGE, EAR.
FORCEPS, FIXING.	FORCEPS, TOOTH (Six Pairs).	SYRINGE, HYDROCELE.
FORCEPS, IRIS.	FORCEPS, TORSION.	SYRINGE, HYPODERMIC.
GOUGE, WALTON'S.	FORCEPS, UTERUS.	TENACULUM.
HOOK, BOWMAN'S.	GUILLOTINE.	THERMOMETERS, CLINICAL
HOOK, CRITCHETT'S.	KNIFE, BREAST.	(Two).
HOOK, TYRRELL'S.	KNIFE, HERNIA.	TROCAR, ABDOMEN.
KNIFE, CANALICULUS.	KNIVES, AMPUTATION (Four).	TROCAR, ASCITES.
KNIFE, CATARACT.	KNIVES, FINGER (Two).	TROCAR, BLADDER.
KNIFE, GRAEFE'S.	KNIVES, LITHOTOMY (Two).	TROCAR, EXPLORING.
KNIFE, SICHEL'S.	LARYNGOSCOPE.	TROCAR, HYDROCELE.
KNIVES, IRIDECTOMY (Two).	LITHOTRITE.	TROCAR, OVARIOTOMY.
NEEDLES, BOWMAN'S STOP.	METROTOME.	URETHROTOME, MAISONNEUVE'S.
NEEDLES, BOWMAN'S SUTURE.	NEEDLE-HOLDER.	URETHROTOME, THOMPSON'S.
NEEDLES, BROAD.	NEEDLE, LISTON'S.	VACCINATOR.
NEEDLES, CATARACT (Two).	NEEDLES, SUTURE.	VULSELLUM.

AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 19



SURGEONS' ARMAMENTARIUM.

FIG. 20.—MAW'S INSTRUMENT CABINET FOR HOSPITALS, CONTAINS:—

APPARATUS FOR PREMATURE
LABOUR, BARNES'.

BANDAGE, ESMARCH'S.

BISTOURIES, CURVED (Two).

BISTOURIES, STRAIGHT (Two).

BOUGIES À BOULE.

BOUGIES, CYLINDRICAL.

BOUGIES, ŒSOPHAGUS.

BOUGIES, SONDE-À-VIS.

BOUGIES, WHALEBONE.

CANULAS, TRACHEOTOMY (Three).

CATHETER, BI-COUDÉE.

CATHETER, BLADDER, WITH
SYRINGE.

CATHETER, CAUSTIC.

CATHETER, FEMALE.

CATHETER FOR CLOTS.

CATHETER, INDIA-RUBBER.

CATHETER, PROSTATE.

CATHETER, RETENTIVE.

CATHETERS, BRODIE'S (Twelve).

CATHETERS, ELASTIC (Twelve).

CATLIN.

CLAMP AND FORCEPS, OVARIO-
TOMY.

CLAMP, CURLING'S RECTUM.

CLAMP, SMITH'S RECTUM.

CROTCHET AND BLUNT HOOK.

DEPRESSOR, TONGUE.

DILATOR, URETHRA.

DIRECTOR, HERNIA.

ELEVATOR, NECROSIS.

ELEVATOR, TOOTH.

EUSTACHIAN SYRINGE.

EUSTACHIAN TUBE.

EXTRACTOR, BULLET.

EXTRACTOR AND CANULAS, CAL-
CULUS.

EYE INSTRUMENTS:—

CURETTE AND CYSTOTOME.

DIRECTOR, CANALICULUS.

FORCEPS, CILIA.

FORCEPS, ENTROPIUM.

FORCEPS, FIXING.

FORCEPS, IRIS (Two).

HOOK, DOUBLE.

KNIFE, CANALICULUS,
WEBER'S.

KNIFE, CATARACT, WEBER'S.

KNIFE, SECONDARY.

KNIFE, STELLING'S.

KNIVES, CATARACT (Four).

KNIVES, IRIDECTOMY (Two).

NEEDLE, DOUBLE.

NEEDLES, BOWMAN'S (Two).

NEEDLES, CATARACT (Four).

NEEDLES, HULKE'S (Two).

PROBES, BOWMAN'S.

RETRACTOR, BOWMAN'S.

EYE INSTRUMENTS (*Continued*)—

RETRACTOR, CRITCHETT'S.

RETRACTOR, WALTON'S.

RETRACTORS, DESMARRES'
(Two).

SCISSORS, EXCISION.

SCISSORS, MAUNOIR'S.

SCISSORS, STRABISMUS.

SCISSORS, STRAIGHT.

FORCEPS, ARTERY.

FORCEPS, ARTERY CROSS-ACTION.

FORCEPS, BONE.

FORCEPS, "BULL DOG" (Two).

FORCEPS, BULLET.

FORCEPS, CRANIOTOMY.

FORCEPS, CUTTING.

FORCEPS, EAR.

FORCEPS, GOUGE.

FORCEPS, HARE-LIP.

FORCEPS, LION.

FORCEPS, LITHOTOMY (Four).

FORCEPS, NECROSIS.

FORCEPS, SKULL.

FORCEPS, THROAT.

FORCEPS, TOOTH (Seven).

FORCEPS, TORSION.

FORCEPS, URETHRA.

FORCEPS, VULSELLUM.

GORGETS, LITHOTOMY.

GOUGE, NECROSIS.

GUILLotine.

HOOKS, TUMOUR (Two).

IRONS, CAUTERY (Four).

KNIFE, HERNIA.

KNIFE, PAGET'S.

KNIFE, SYME'S.

KNIVES, AMPUTATION (Six).

KNIVES, LITHOTOMY (Two).

LANCET.

LARYNGEAL BRUSHES.

LIGATURE CATGUT.

LIGATURE SILK.

LIGATURE THREAD.

LIGATURE WIRE.

LITHOTRITE.

METROTOME.

NEEDLE-HOLDER.

NEEDLES, ANEURISM.

NEEDLES, NÆVUS.

NEEDLES, SUTURE.

NEEDLES, TUBULAR (Five).

OTOSCOPE.

PERCUSSER.

PERFORATOR, SIMPSON'S.

PESSARIES (Six).

PLEXIMETER.

POST-MORTEM INSTRUMENTS:—

BLOW-PIPE.

CHISEL.

POST-MORTEM INSTRUMENTS

(*Continued*)—

ELEVATOR.

FORCEPS.

HAMMER.

HOOKS.

KNIVES (Six).

NEEDLES.

SCISSORS, BOWEL.

SCISSORS, DISSECTION.

TRIPOD.

PROBANG, BRISTLE.

PROBANGS (Two).

PROBE, GUN-SHOT.

PROBE, NÉLATON'S.

PROBES (Two).

PULLEYS, DISLOCATION.

SAW.

SAW, DR. BUTCHER'S.

SAW, SKULL.

SCALPELS (Six).

SCARIFIER, UTERUS.

SCISSORS, FRÆNUM.

SCISSORS, GRAFTING.

SCISSORS, SIMS'.

SCISSORS, UTERUS.

SCOOP, BULLET.

SCOOP, LITHOTOMY.

SCOOPS, NECROSIS (Two).

SNARE, POLYPUS.

SOUND, BARNES'.

SOUND, BELLOC'S.

SOUNDS, LITHOTOMY (Four).

SPECULUM, RECTUM.

SPECULUM, VAGINA.

SPHYGMOGRAPH.

SPRAY, ETHER.

STAFF, BUCHANAN'S.

STAFF, SYME'S.

STAFFS (Four).

STEMS, UTERUS (Six).

STOMACH PUMP (Flute Key), MAW'S.

SYRINGE, BRASS (2 ozs.).

TENACULUM.

TENT INTRODUCER.

TENTS, SPONGE (Twelve).

THERMOMETER, CLINICAL.

THIMBLE.

TREPHINE.

TUBE, BARNES', FOR OINTMENT.

TUBE, LITHOTOMY.

TOURNIQUET.

TOURNIQUETS, FIELD (Two).

TREPHINES (Two).

TROCER, ASCITES (Two).

TROCER, BLADDER, COCK'S.

TROCER, HYDROCELE.

TROCER, OVARIOTOMY, WELLS'.

URINOMETER AND GLASS.

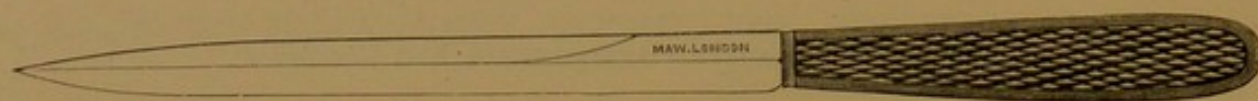
AMPUTATION AND OPERATION INSTRUMENTS, ETC. (*Continued*).

Fig. 20

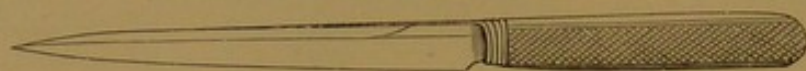


MAW'S INSTRUMENT CABINET FOR HOSPITALS.

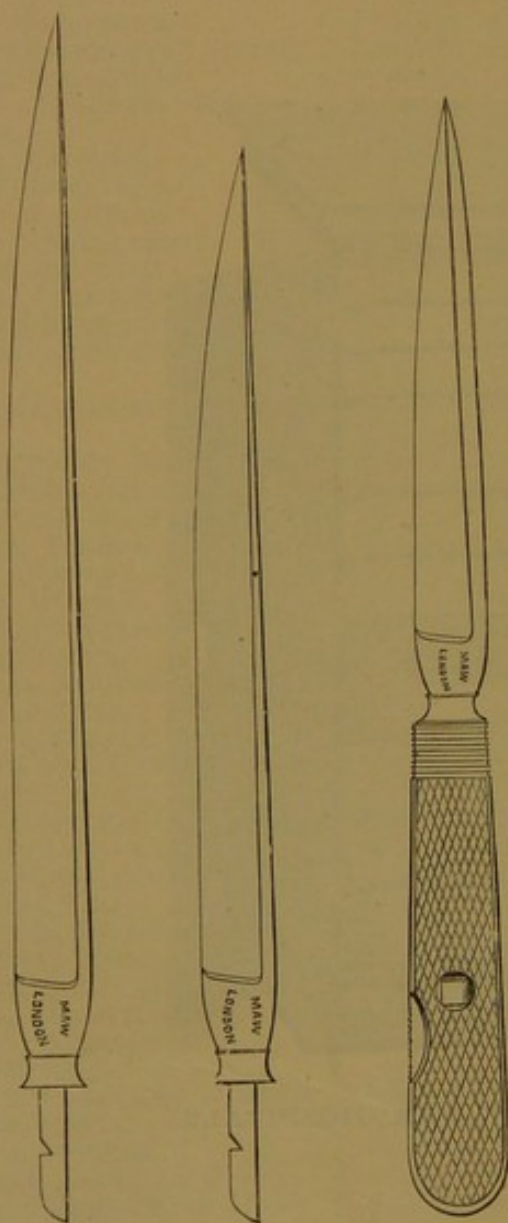
AMPUTATION KNIVES.



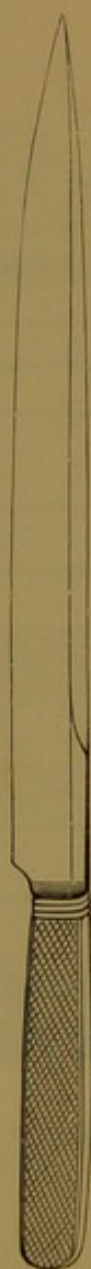
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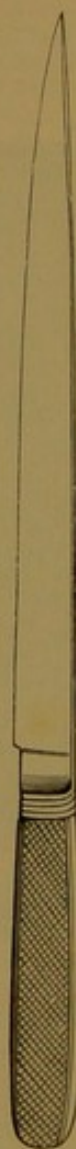
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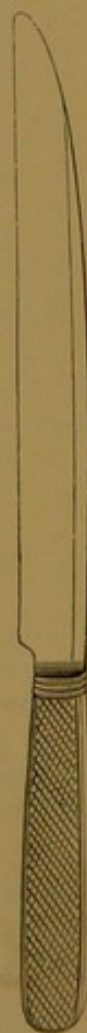
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5



2

Fig. 1. CATLIN.

Fig. 2. CIRCULAR (8-in. and 9-in.).

Fig. 3. LISFRANC'S.

Fig. 4. LISTON'S (7-in., 8-in., 9-in., 10-in.).

Fig. 5. LISTON'S (5-in., 6-in., 7-in., 8-in., 9-in., 10-in.).

Fig. 6. LISTON'S (Set of Three).

SAWS.

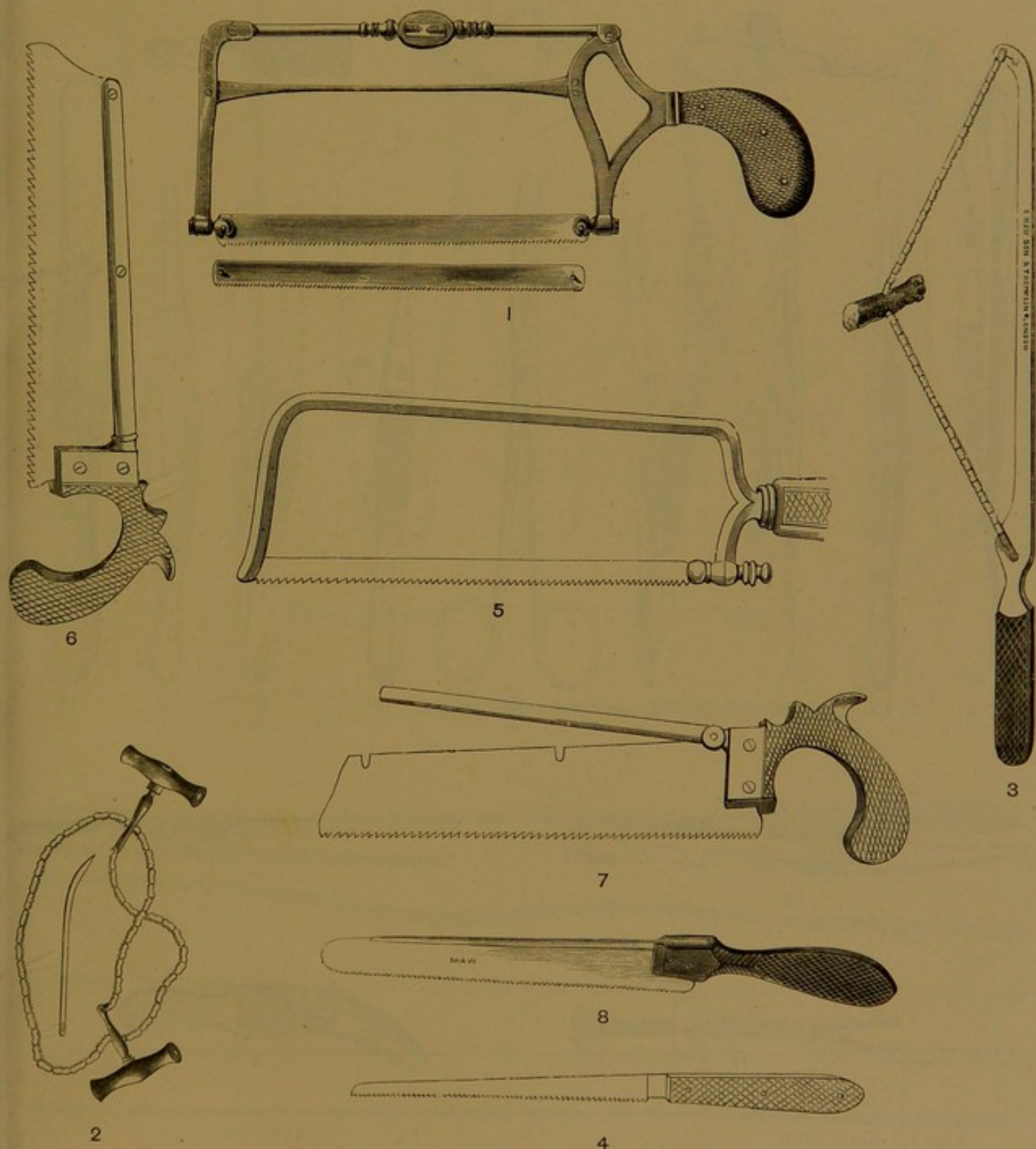
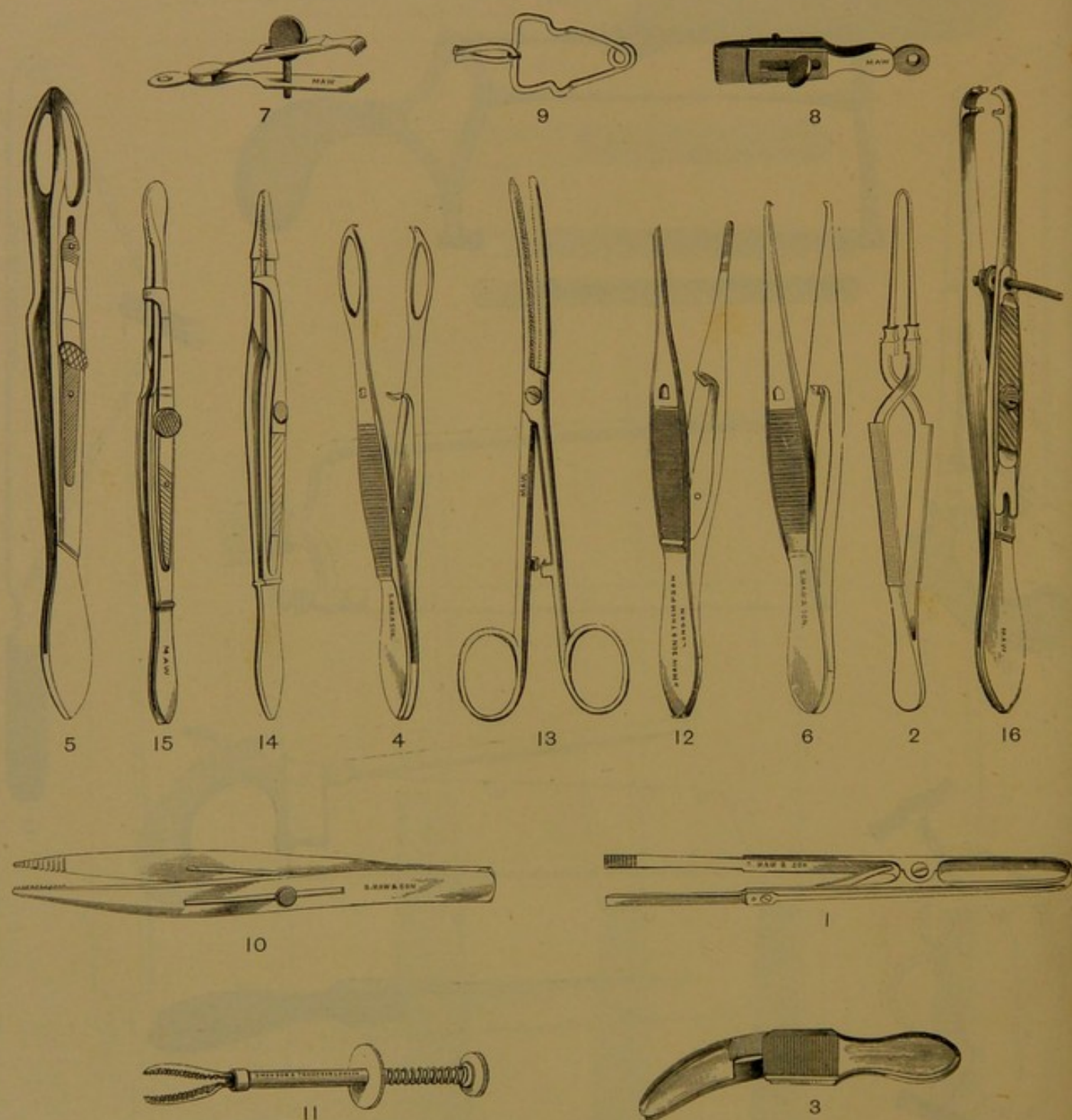


Fig. 1. BUTCHER'S, DR. (*Dublin*).
 Fig. 2. CHAIN.
 Fig. 3. CHAIN.
 Fig. 4. FINGER.

Fig. 5. METACARPAL.
 Fig. 6. PLAIN.
 Fig. 7. SHIFTING BACK.
 Fig. 8. SHIFTING BACK.

ARTERY FORCEPS.



- Fig. 1. ASSALINI'S.
 Fig. 2. CROSS-ACTION.
 Fig. 3. DIEFFENBACH'S "BULL DOG."
 Fig. 4. FENESTRATED.
 Fig. 5. FENESTRATED.
 Fig. 6. LISTON'S.
 Fig. 7. MAW'S.
 Fig. 8. MAW'S.

- Fig. 9. SERRE-FINE.
 Fig. 10. SLIDING.
 Fig. 11. SPRING.
 Fig. 12. SYME'S.
 Fig. 13. TORSION.
 Fig. 14. TORSION.
 Fig. 15. TORSION.
 Fig. 16. WILCOX'S.

BULLET AND GUN-SHOT INSTRUMENTS.

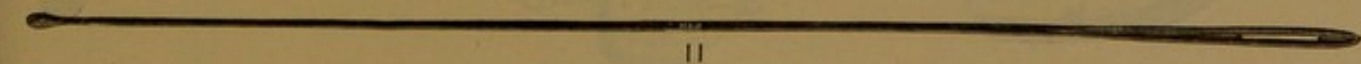
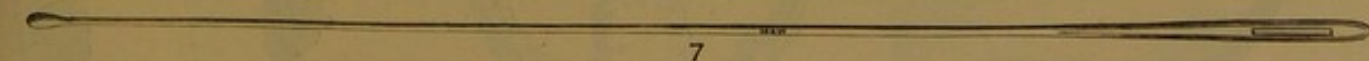
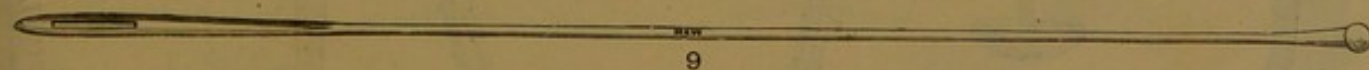
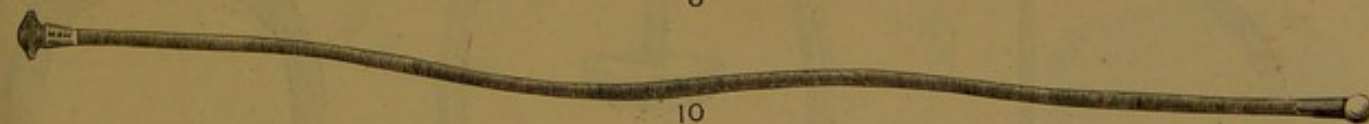
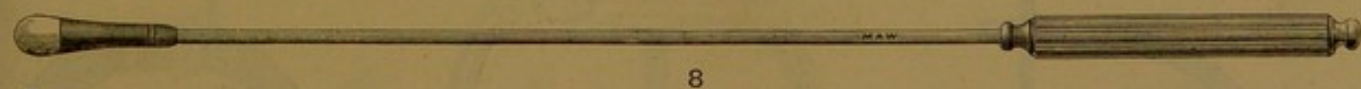
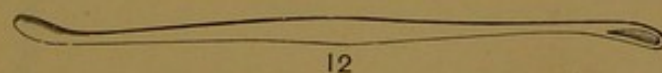
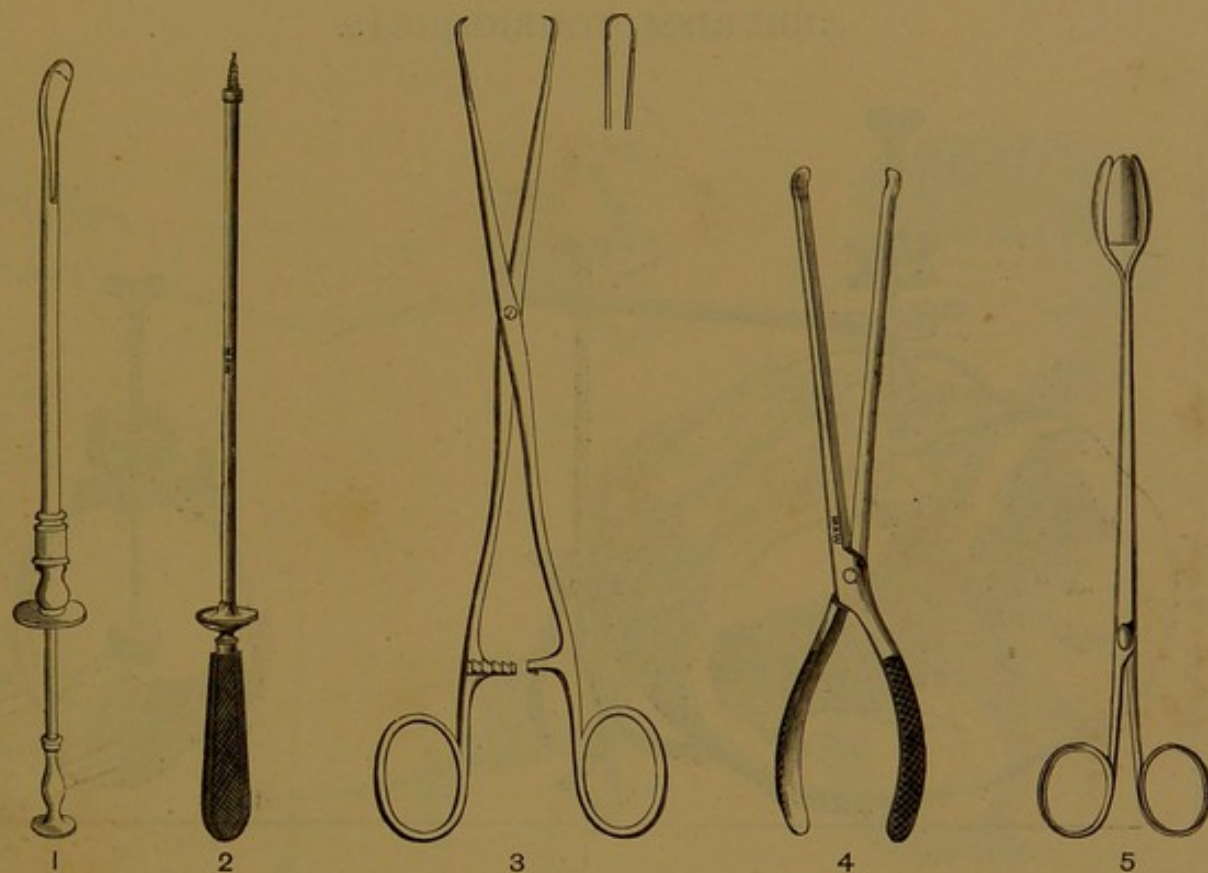
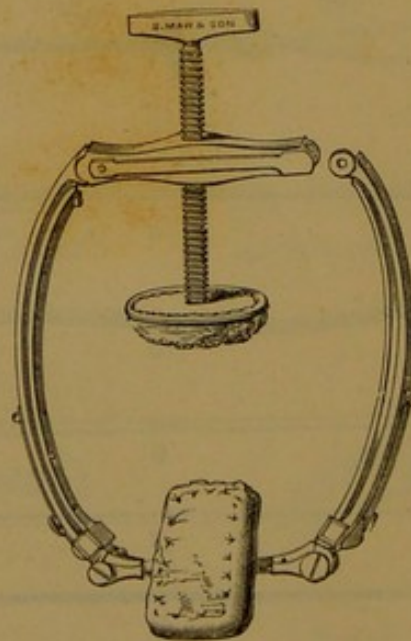
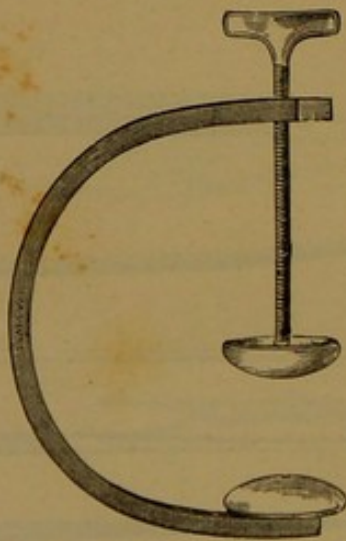
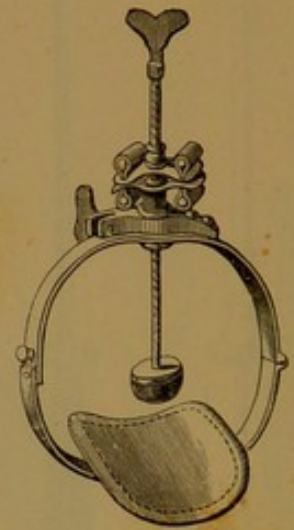
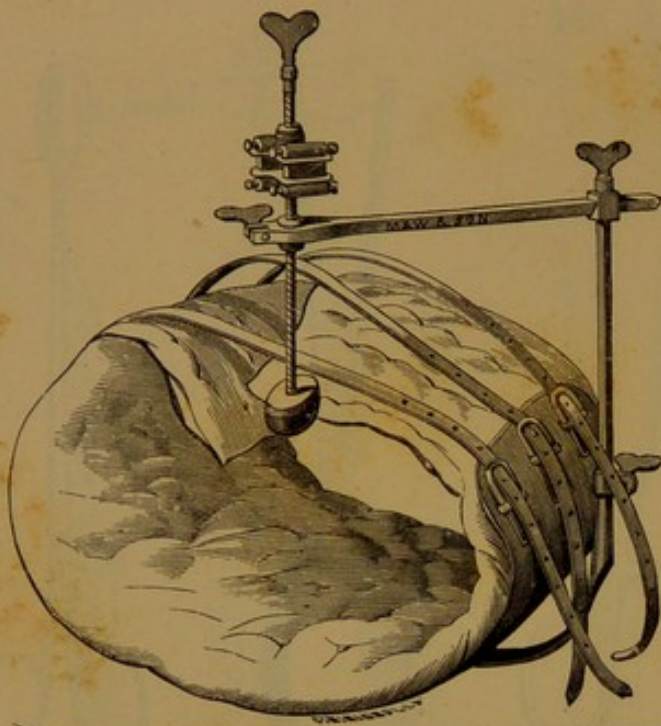


Fig. 1. EXTRACTOR.
 Fig. 2. EXTRACTOR.
 Fig. 3. FORCEPS.
 Fig. 4. FORCEPS.
 Fig. 5. FORCEPS.
 Fig. 6. PROBE, LECOMTE'S.

Fig. 7. PROBE, METAL.
 Fig. 8. PROBE, NÉLATON'S.
 Fig. 9. PROBE, SOFT METAL.
 Fig. 10. PROBE, SPIRAL.
 Fig. 11. PROBE, WHALEBONE.
 Fig. 12. SCOOP.

ANEURISM TOURNIQUETS.



2

4

3

Fig. 1. CARTE'S.

Fig. 2. LISTER'S.

Fig. 3. SIGNORONI'S.

Fig. 4. SKEY'S.

TOURNIQUETS.

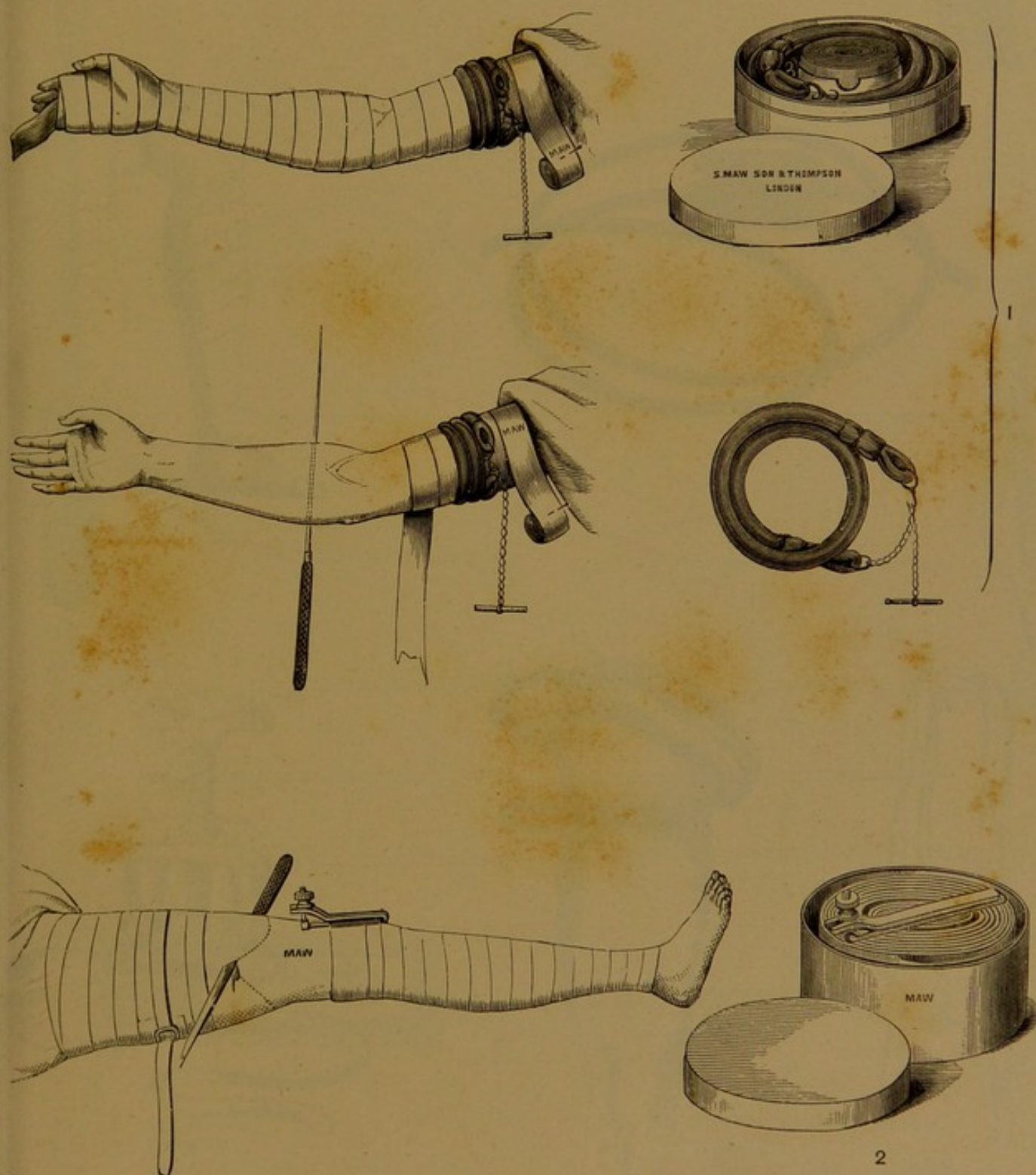
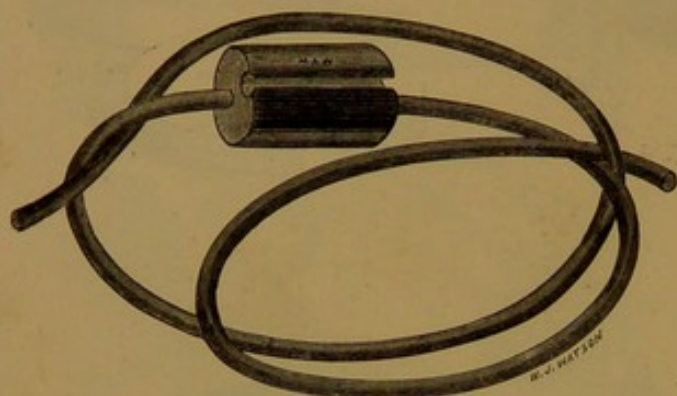


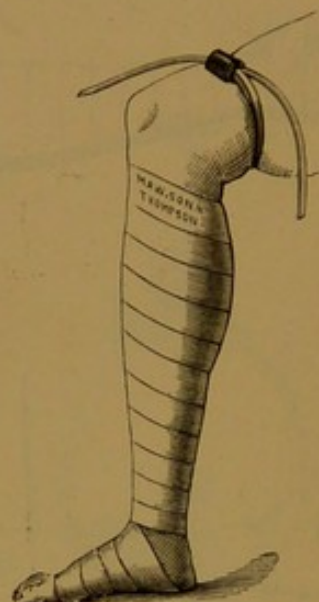
Fig. 1. ESMARCH'S, for the Bloodless Operation.

Fig. 2. LANGENBECK'S, for the Bloodless Operation.

TOURNIQUETS (Continued).



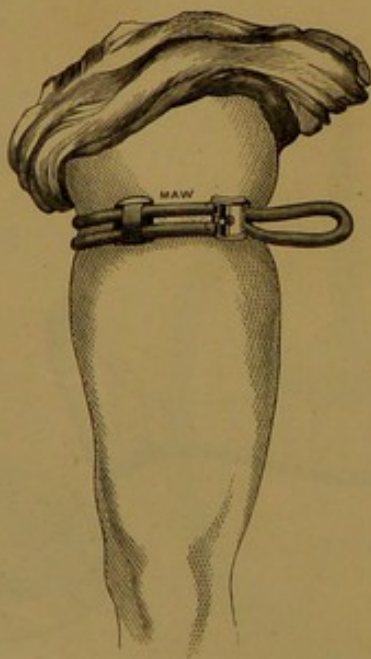
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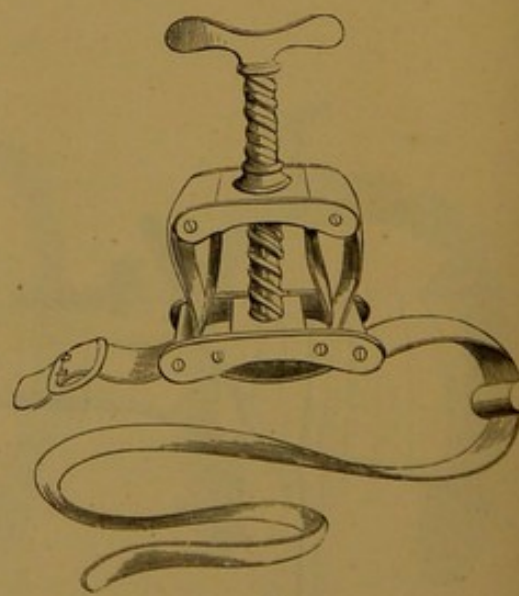
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Fig. 3. COUSINS' (Southsea).

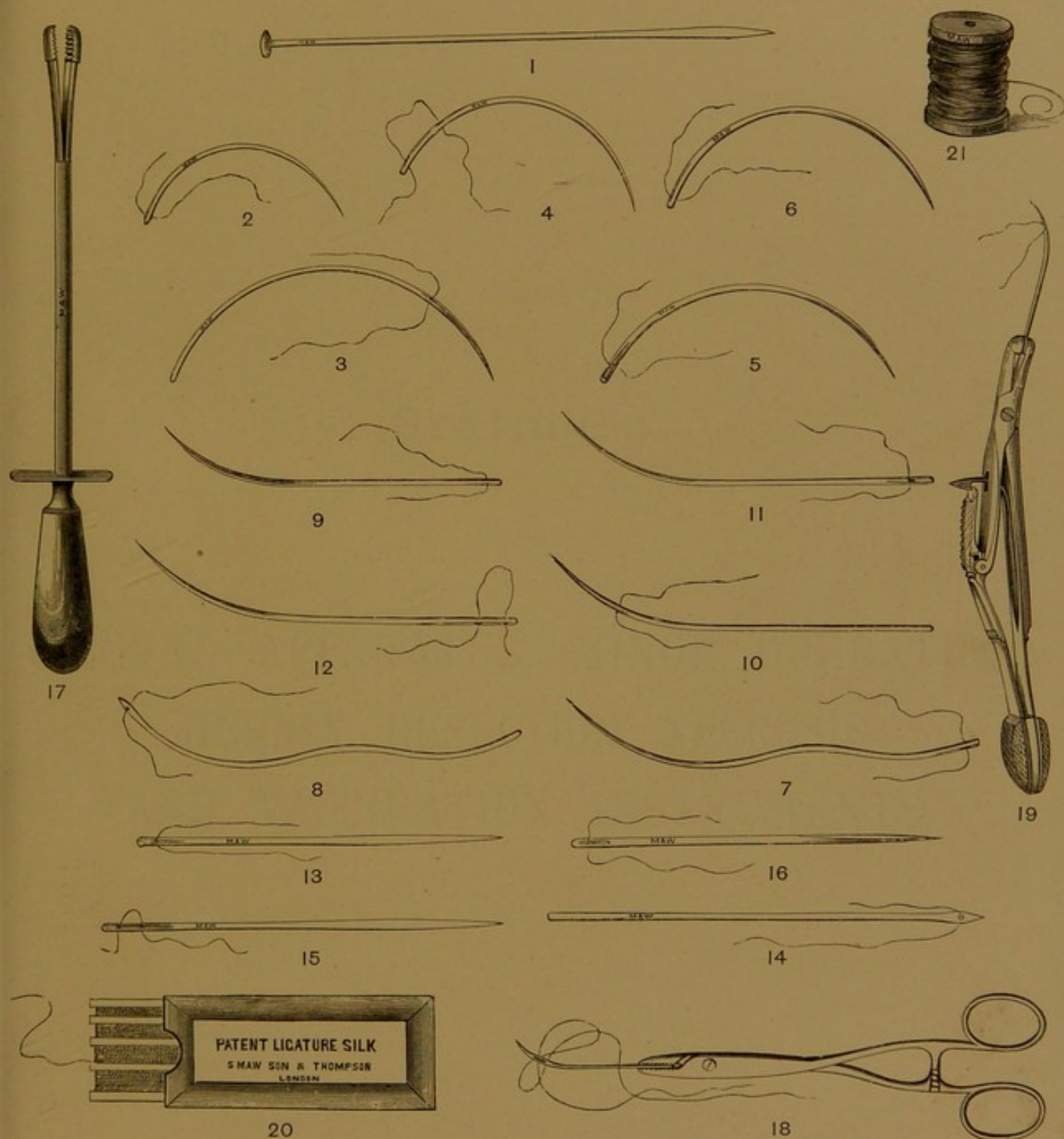
Fig. 4. MAW'S.

Fig. 5. MAW'S, WITH ESMARCH'S BAND.

Fig. 6. MAW'S, "FIELD."

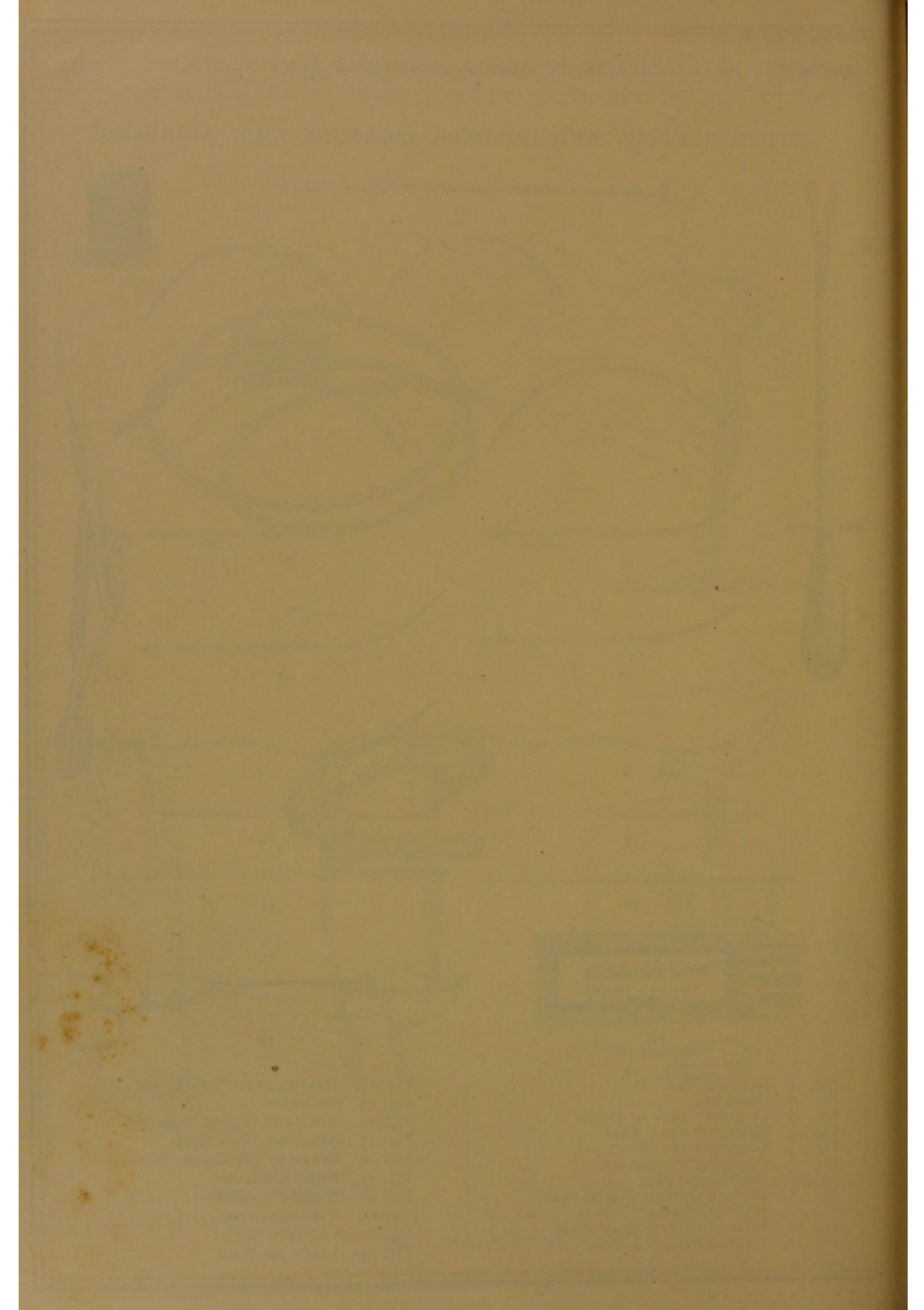
Fig. 7. PETIT'S, SCREW.

SUTURE NEEDLES AND HOLDERS, LIGATURE SILK AND WIRE.



- Fig. 1. ACUPRESSURE.
 Fig. 2. CRESCENT.
 Fig. 3. CRESCENT (Eye at Point).
 Fig. 4. CRESCENT (Two Eyes).
 Fig. 5. CRESCENT (for Wire).
 Fig. 6. CRESCENT (Triangular).
 Fig. 7. DOUBLE-CURVED.
 Fig. 8. DOUBLE-CURVED (Eye at Point).
 Fig. 9. HALF-CURVED.
 Fig. 10. HALF-CURVED (Eye at Point).
 Fig. 11. HALF-CURVED (for Wire).

- Fig. 12. HALF-CURVED (Two Eyes).
 Fig. 13. STRAIGHT.
 Fig. 14. STRAIGHT (Eye at Point).
 Fig. 15. STRAIGHT (Two Eyes).
 Fig. 16. STRAIGHT (Triangular Point).
 Fig. 17. NEEDLE-HOLDER.
 Fig. 18. NEEDLE-HOLDER.
 Fig. 19. NEEDLE-HOLDER.
 Fig. 20. LIGATURE SILK.
 Fig. 21. LIGATURE WIRE.



SECTION II.

CUPPING, APPARATUS, MINOR OPERATION,
HERNIA, RESECTION, NECROSIS,
AND VACCINATION INSTRUMENTS.

CONTENTS OF SECTION II.

ABSCCESS KNIVES.

BISTOURIES.

CUPPING APPARATUS.

HERNIA INSTRUMENTS.

LISTON'S NEEDLE.

NECROSIS INSTRUMENTS.

RESECTION INSTRUMENTS.

VACCINATION NEEDLES.

SCALPELS.

SPRING FORCEPS.

TENACULUM.

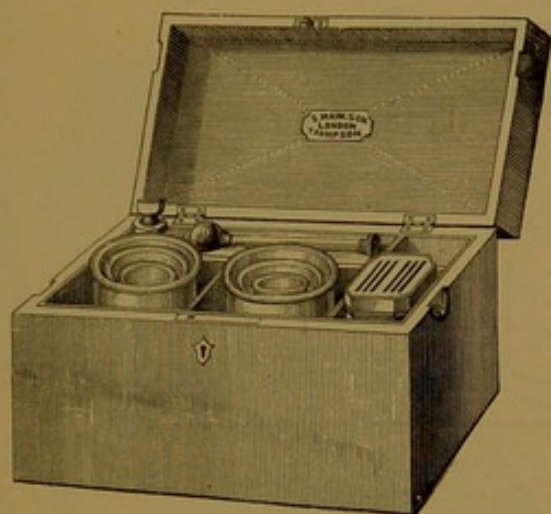
TENOTOMY KNIVES.

TUMOUR HOOKS.

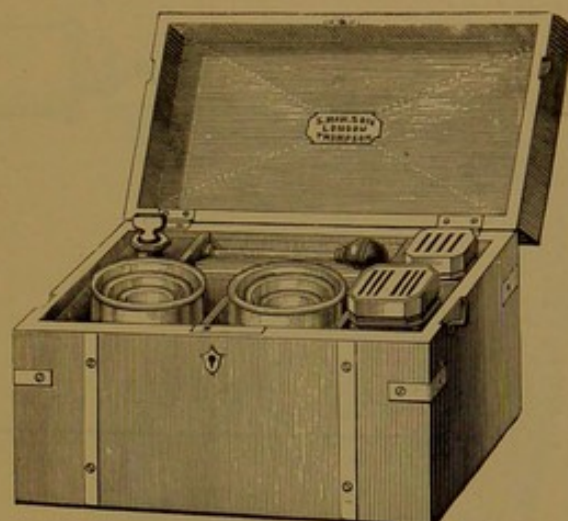
VACCINATION CASES.

VACCINATION LANCETS.

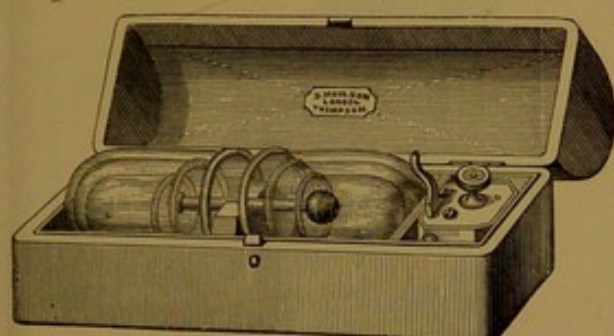
CUPPING APPARATUS.



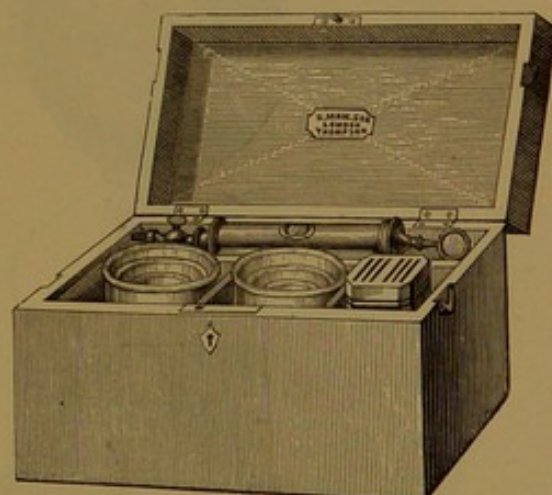
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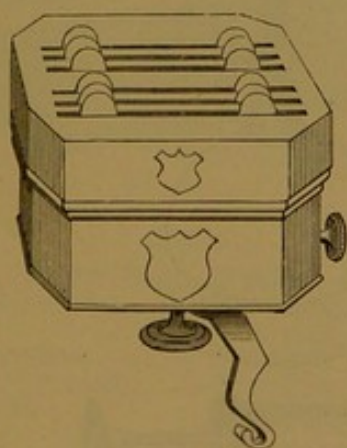
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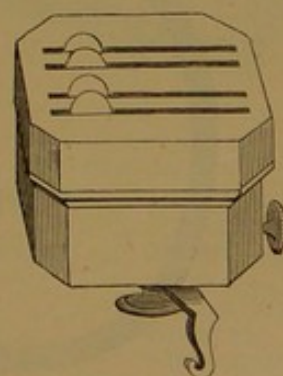
2



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3



6

Fig. 1. SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 2. SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 3. SCARIFICATOR.

Fig. 4. SCARIFICATOR, TEMPLE SCARIFICATOR, GLASSES, LAMP, AND BOTTLE.

Fig. 5. SCARIFICATOR, VALVED GLASSES, AND EXHAUSTING SYRINGE.

Fig. 6. TEMPLE SCARIFICATOR.

DRY CUPPING APPARATUS.

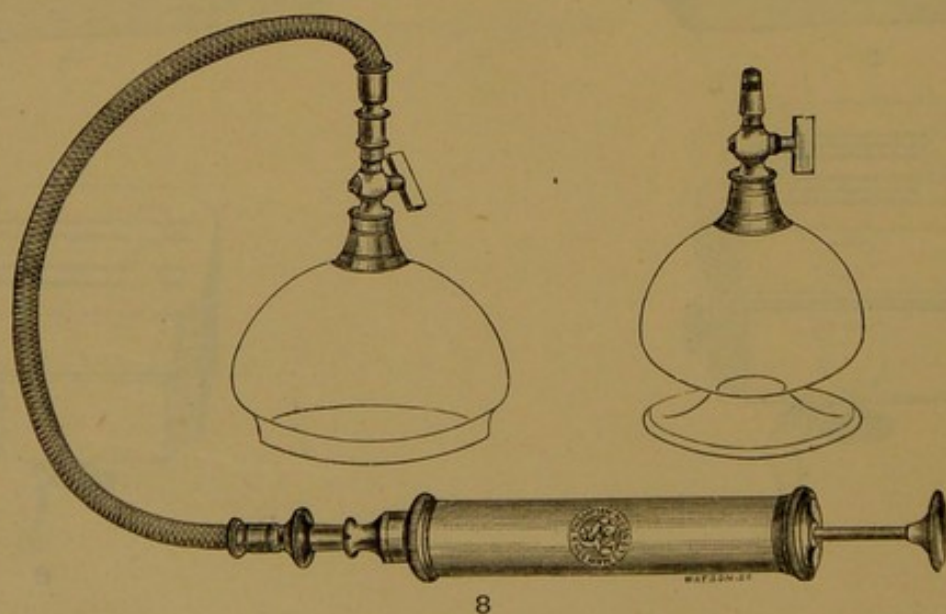
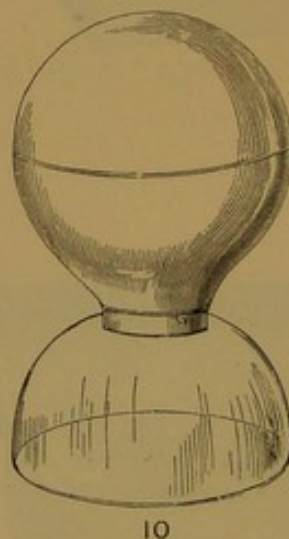
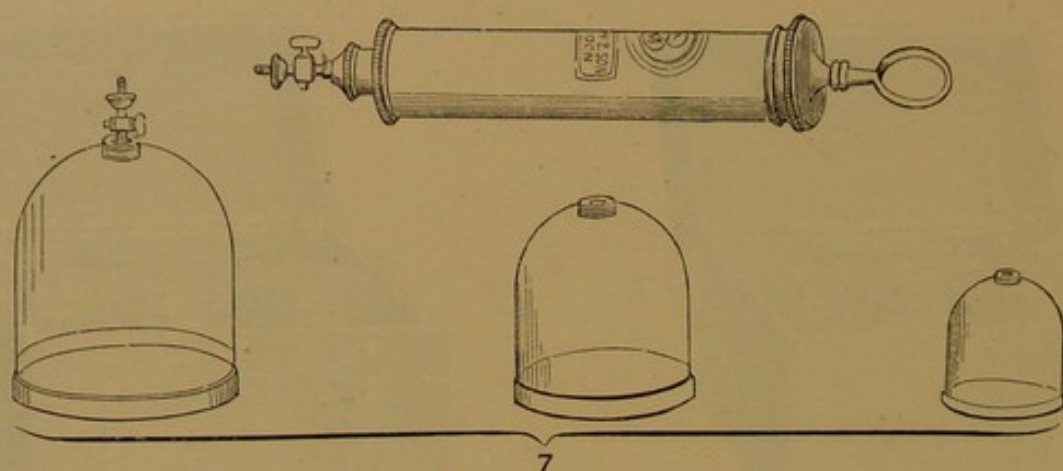


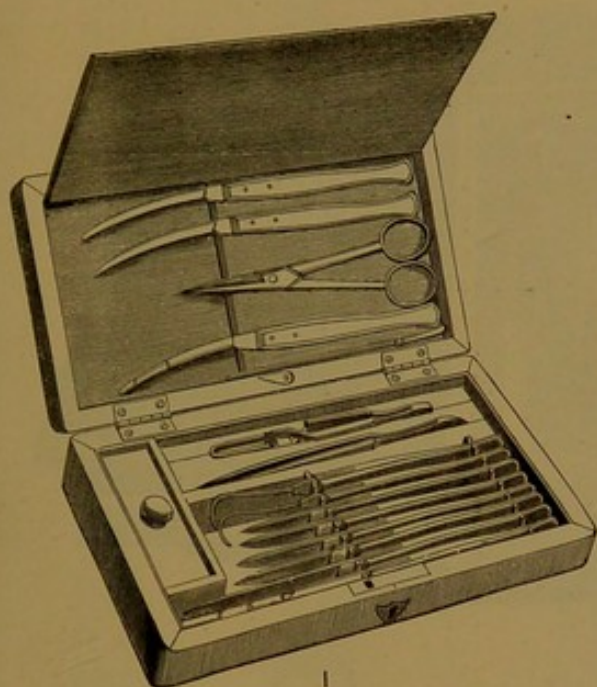
Fig. 7. EXHAUSTING SYRINGE AND VALVED GLASSES.

Fig. 8. EXHAUSTING SYRINGE AND GLASSES WITH STOPCOCKS.

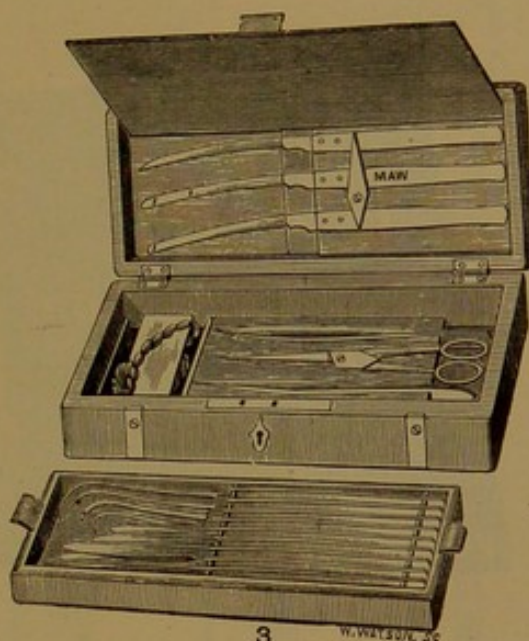
Fig. 9. CUPPING GLASS WITH INDIA-RUBBER BALL.

Fig. 10. CUPPING GLASS WITH INDIA-RUBBER BALL.

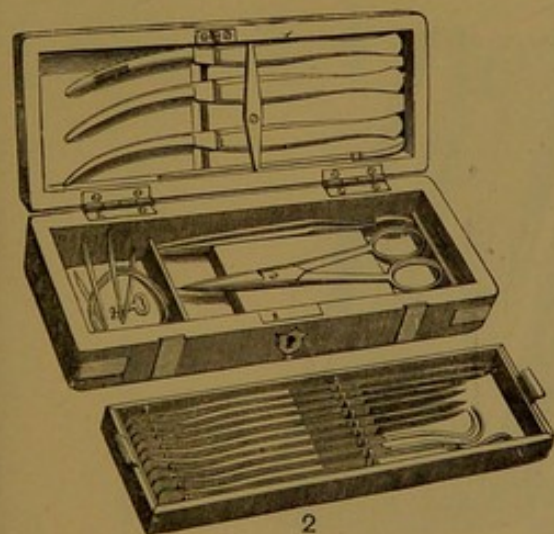
MINOR OPERATION INSTRUMENTS.



1



3



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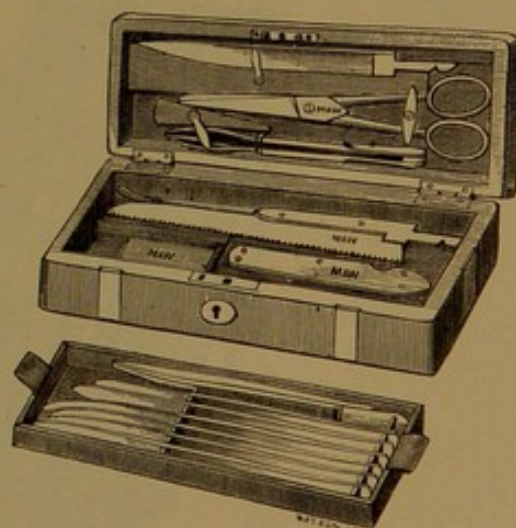


FIG. 3.

BISTOURIES, CURVED
(Two).
BISTOURIES, STRAIGHT
(Two).
DIRECTOR.
FORCEPS, ARTERY.
FORCEPS, DISSECTION.
KNIFE, HERNIA.

LIGATURE SILK.
NEEDLE, ANEURISM.
NEEDLES, NÆVUS (Two).
NEEDLES, SUTURE.
SCALPELS (Two).
SCISSORS.
TENACULUM.
TENOTOMY KNIFE.

FIG. 1.

BISTOURIES, CURVED (Two).
BISTOURY, STRAIGHT.
DIRECTOR.
FORCEPS, ARTERY.
FORCEPS, DISSECTION.
KNIFE, HERNIA.

NEEDLE, ANEURISM.
NEEDLES AND SILK.
SCALPELS (Four).
SCISSORS.
TENACULUM.
TUMOUR HOOK.

FIG. 2.

BISTOURIES, CURVED (Two).
BISTOURIES, STRAIGHT
(Two).
DIRECTOR.
FORCEPS, ARTERY.
FORCEPS, DISSECTION.
KNIFE, HERNIA.

LIGATURE SILK.
NEEDLE, ANEURISM.
NEEDLES, SUTURE.
SCALPELS (Four).
SCISSORS.
TENACULUM.
TUMOUR HOOK.

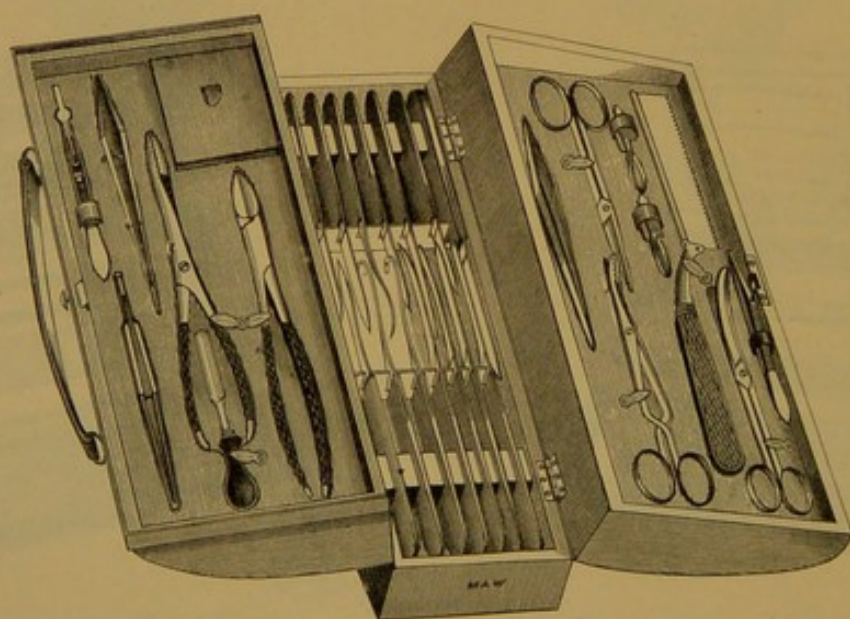
FIG. 4.

BISTOURIES, CURVED
(Two).
BISTOURY, STRAIGHT.
CATLIN.
DIRECTOR.
FORCEPS, ARTERY.

FORCEPS, DISSECTION.
LIGATURE SILK.
NEEDLES, SUTURE.
SAW.
SCALPELS (Two).
SCISSORS.

MINOR OPERATION INSTRUMENTS (*Continued*).

5



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FIG. 5.

BISTOURIES, CURVED (Two)
 BISTOURIES, STRAIGHT
 (Two).
 CATHETER, MALE AND
 FEMALE.
 CAUSTIC CASE & TROCAR.
 DIRECTOR, HERNIA.
 FORCEPS, ARTERY.
 FORCEPS, BONE.
 FORCEPS, SPRING.
 FORCEPS, TORSION.
 FORCEPS, URETHRA.
 HYPODERMIC SYRINGE.
 NEEDLE, NÆVUS.
 NEEDLES, SILK, & WIRE.
 PLUG FOR EPISTAXIS.
 SAW.
 SCALPELS (Five).
 SCISSORS (Two).
 TENACULUM.
 TRACHEOTOMY HOOKS
 (Two).
 TROCAR, ASCITES.
 TROCAR, TRACHEOTOMY,
 DURHAM'S.

FIG. 6.

BISTOURIES, CURVED
 (Two).
 BISTOURIES, STRAIGHT
 (Two).
 DIRECTOR, HERNIA.
 FORCEPS, BONE.
 FORCEPS, "BULL DOG"
 (Two).
 FORCEPS, GOUGE.
 FORCEPS, POLYPUS.
 FORCEPS, SEQUESTRATION
 FORCEPS, TORSION.
 FORCEPS, WITH SPRING.
 KNIFE, HERNIA.
 NEEDLE, ANEURISM.
 NEEDLE, NÆVUS.
 NEEDLE, SUTURE.
 SAW.
 SCALPELS (Four).
 SCISSORS (Two).
 SILK.
 TENACULUM.
 WIRE.

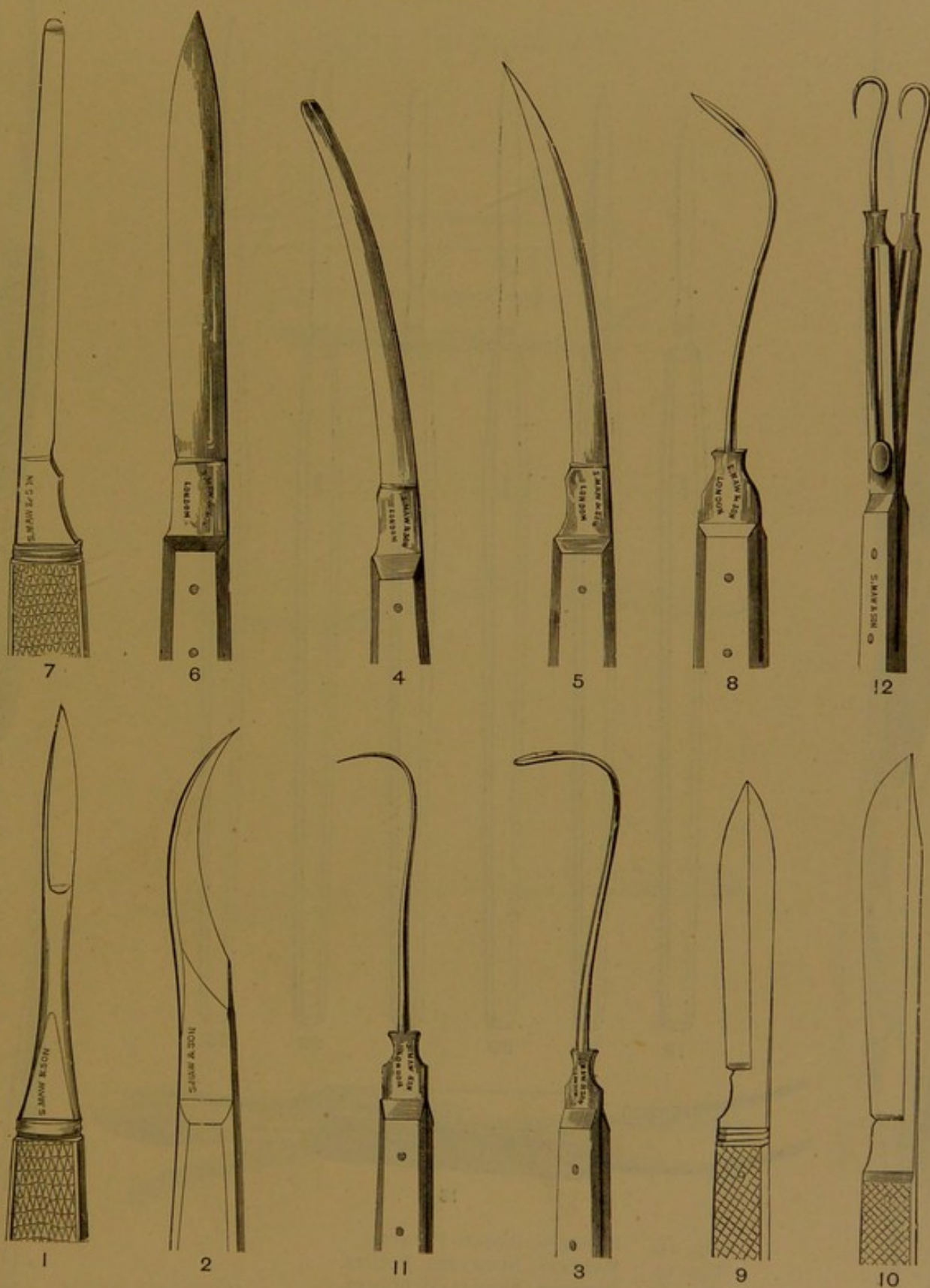
MINOR OPERATION INSTRUMENTS (*Continued*).

Fig. 1. ABSCESS KNIFE, PAGET'S.
 Fig. 2. ABSCESS KNIFE, SYME'S.
 Fig. 3. ANEURISM NEEDLE.
 Fig. 4. BISTOURY.

Fig. 5. BISTOURY.
 Fig. 6. BISTOURY.
 Fig. 7. BISTOURY.
 Fig. 8. LISTON'S NEEDLE.

Fig. 9. SCALPEL.
 Fig. 10. SCALPEL.
 Fig. 11. TENACULUM.
 Fig. 12. TUMOUR HOOK.

MINOR OPERATION INSTRUMENTS (Continued).



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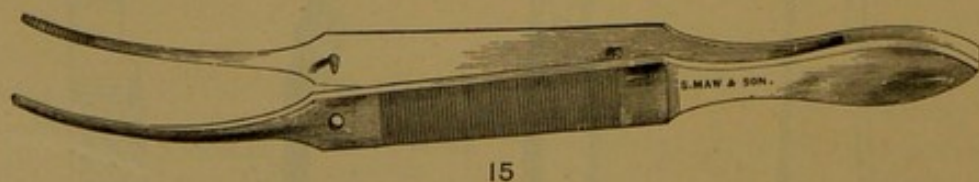
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15



16

- Fig. 13. FORCEPS, BROAD POINTS.
 Fig. 14. FORCEPS, SERRATED POINTS.
 Fig. 15. FORCEPS, SERRATED POINTS.
 Fig. 16. FORCEPS, TENACULUM POINTS.
 Fig. 17. FORCEPS, TENACULUM POINTS.
 Figs. 18 } KNIVES FOR TENOTOMY (ADAMS').
 to 23. }

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HERNIA INSTRUMENTS.

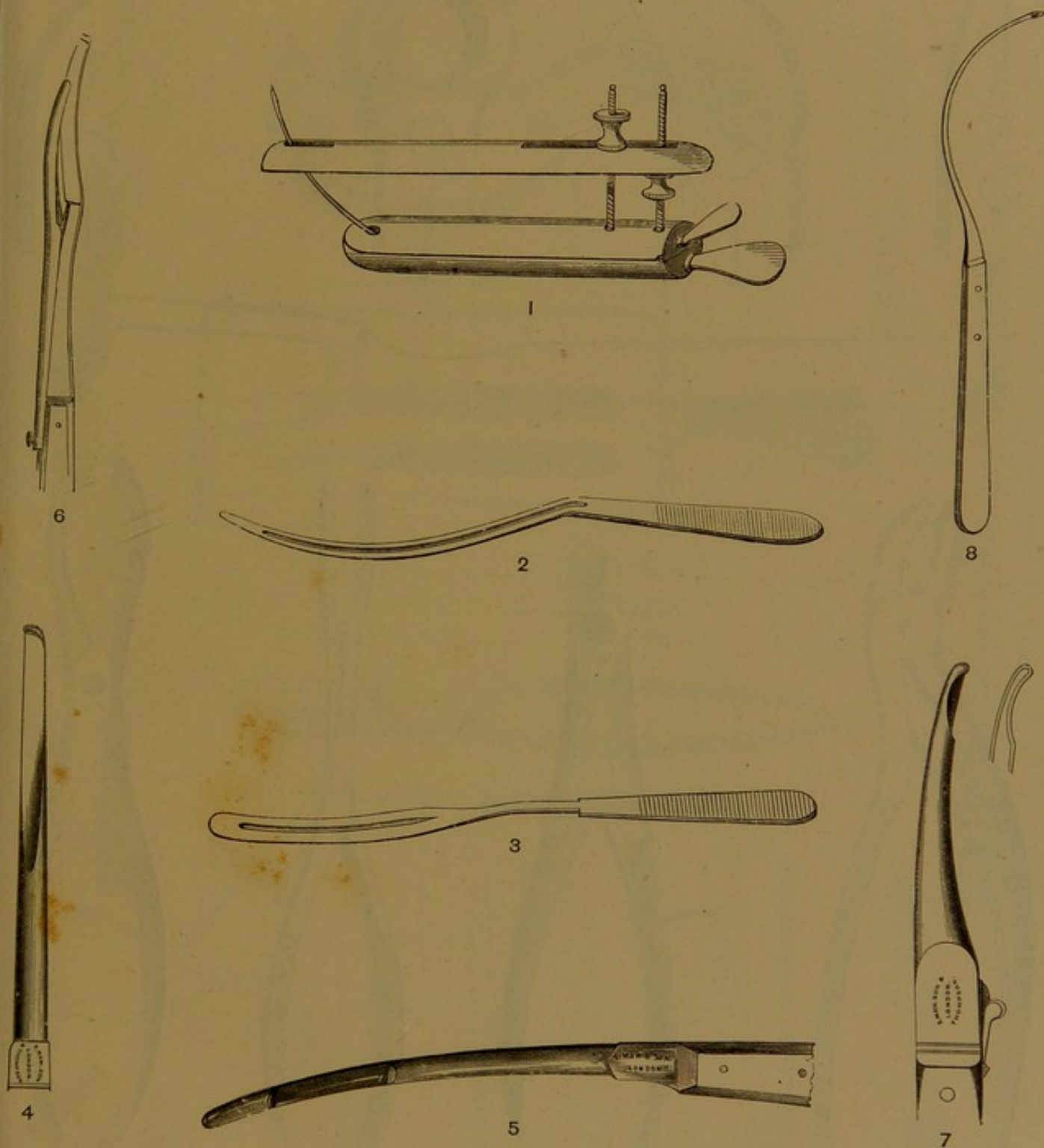


Fig. 1. DAVIS' INSTRUMENT FOR THE
RADICAL CURE.

Fig. 2. DIRECTOR, SKEY'S.

Fig. 3. DIRECTOR, STANLEY'S.

Fig. 4. KNIFE.

Fig. 5. KNIFE.

Fig. 6. KNIFE, GUARDED.

Fig. 7. KNIFE, GUARDED.

Fig. 8. NEEDLE, WOOD'S.

RESECTION AND NECROSIS INSTRUMENTS.

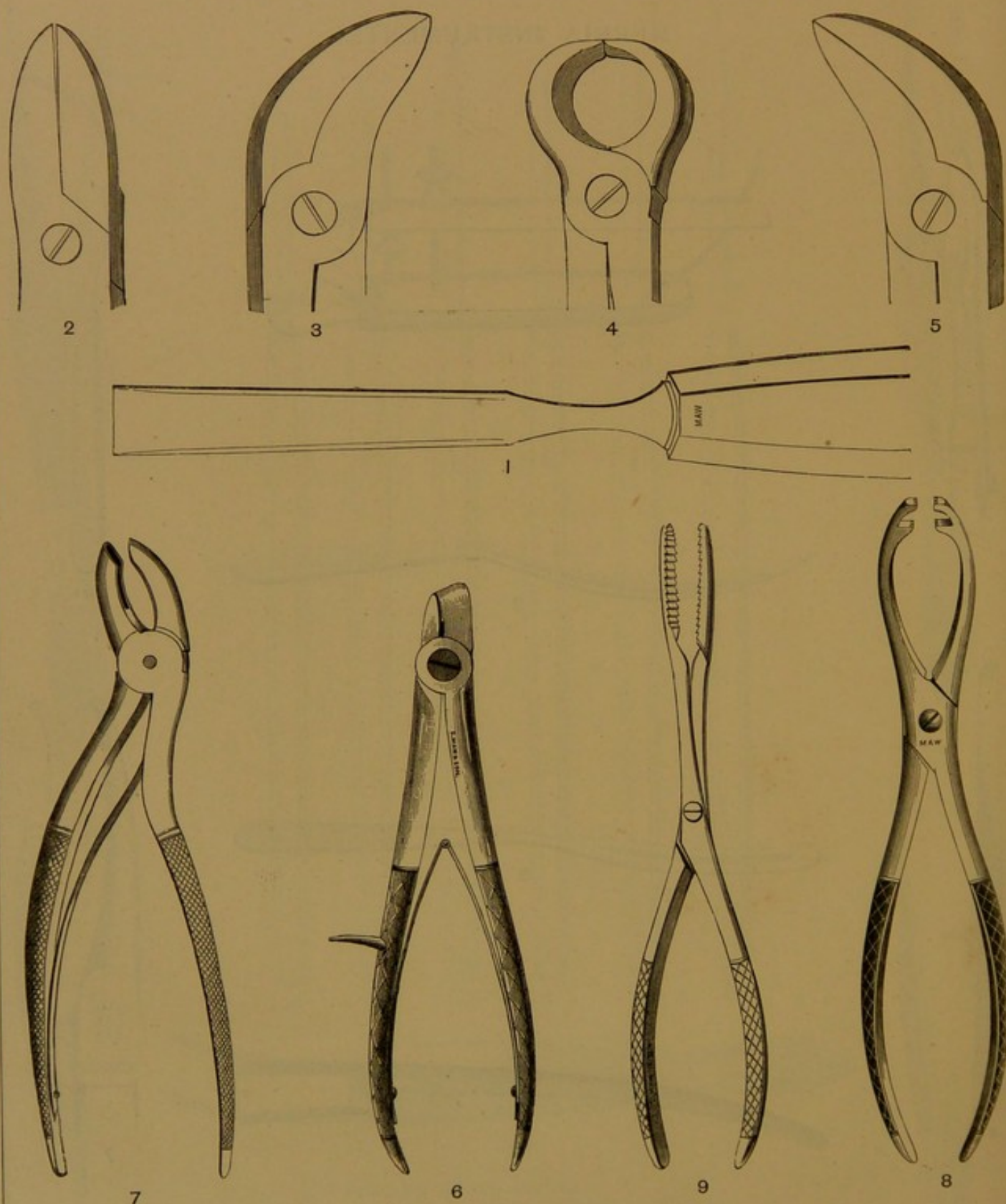


Fig. 1. MAUNDER'S CHISEL FOR THE NECK OF THE FEMUR.

Fig. 2. FORCEPS, FERGUSON'S.

Fig. 3. FORCEPS, FERGUSON'S.

Fig. 4. FORCEPS, FERGUSON'S.

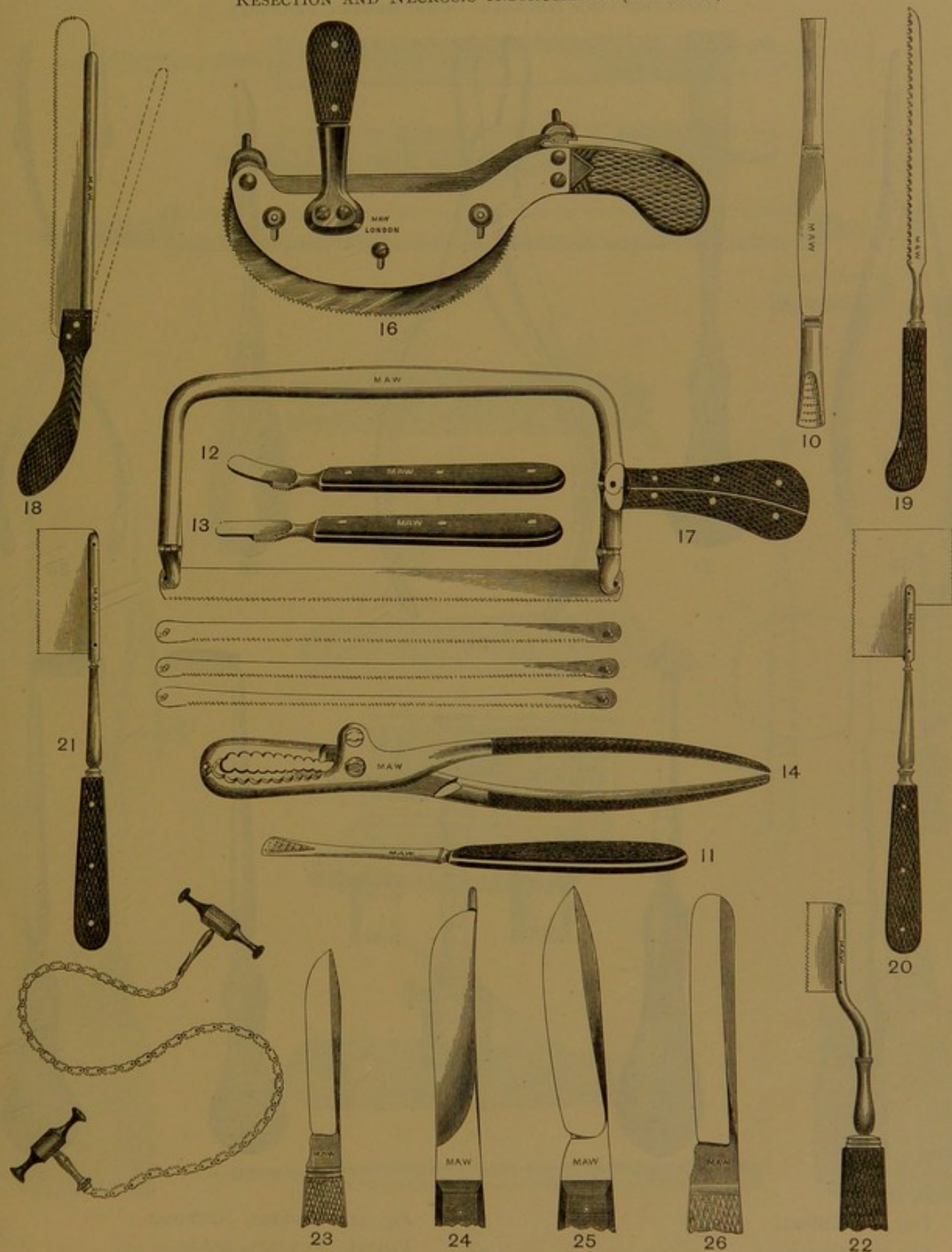
Fig. 5. FORCEPS, FERGUSON'S.

Fig. 6. FORCEPS, GOUGE, HOFFMAN'S.

Fig. 7. FORCEPS, GOUGE, MAW'S.

Fig. 8. FORCEPS, LION, FERGUSON'S.

Fig. 9. FORCEPS, NECROSIS.

RESECTION AND NECROSIS INSTRUMENTS (*Continued*).

Figs. 10 to 13. ELEVATORS.

Fig. 14. FORCEPS, WITH IMPROVED JOINT.

Fig. 15. SAW, CHAIN.

Fig. 16. SAW, DOUBLE BLADES, FOR SPINE.

Fig. 17. SAW, WITH REVOLVING FRAME.

Fig. 18. SAW, WITH SHIFTING BACK.

Fig. 19. SAW, FINE NARROW BLADE.

Figs. 20 to 22. SAWS, NECROSIS.

Figs. 23 to 26. KNIVES.

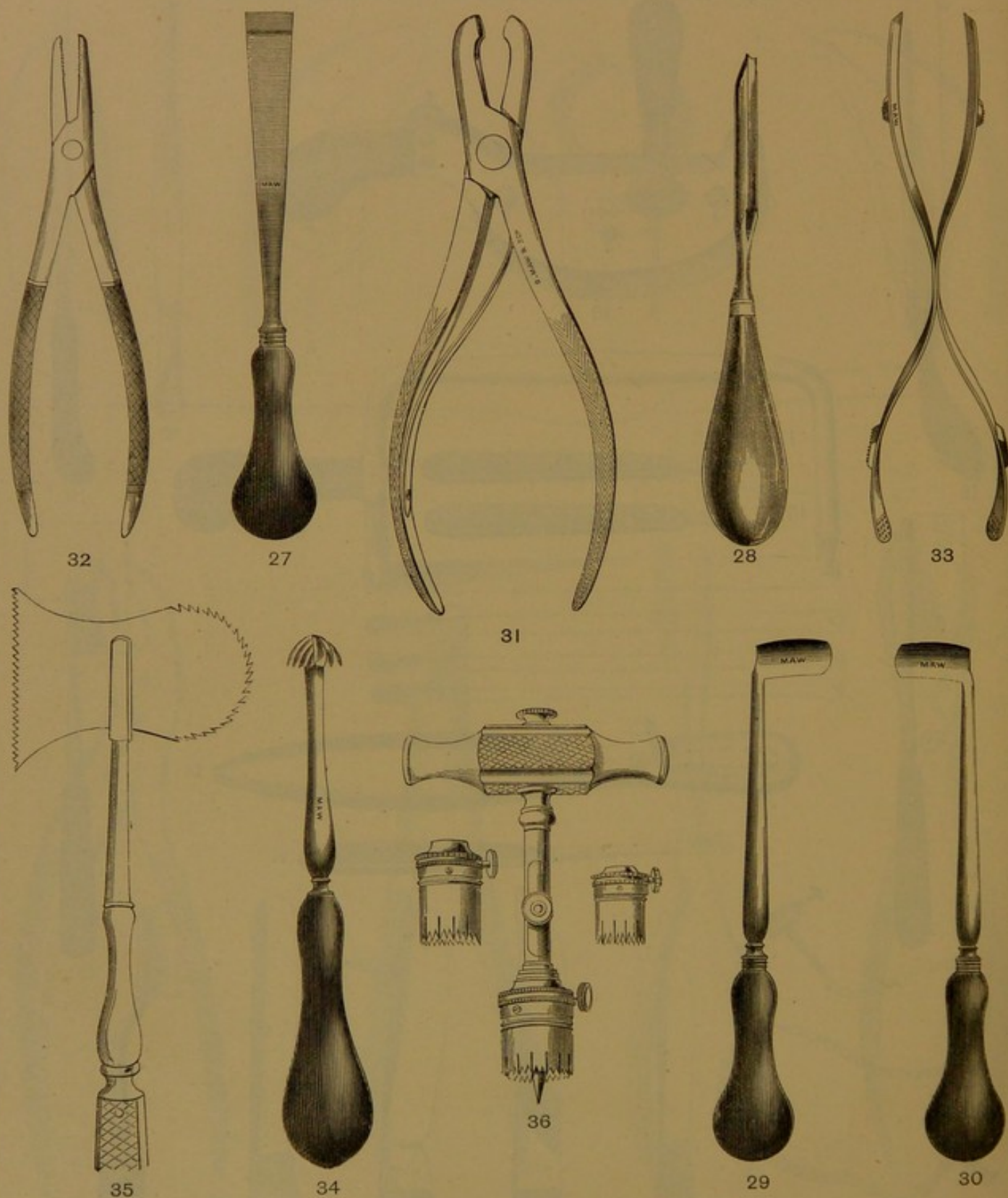
RESECTION AND NECROSIS INSTRUMENTS (*Continued*).

Fig. 27. CHISEL.

Fig. 28. GOUGE.

Fig. 29. GOUGE.

Fig. 30. GOUGE.

Fig. 31. FORCEPS, GOUGE.

Fig. 32. FORCEPS, NECROSIS.

Fig. 33. FORCEPS, SKULL.

Fig. 34. OSTEOTRIBE, MARSHALL'S.

Fig. 35. SAW, SKULL.

Fig. 36. TREPHINES (Set of Three).

VACCINATION INSTRUMENTS.

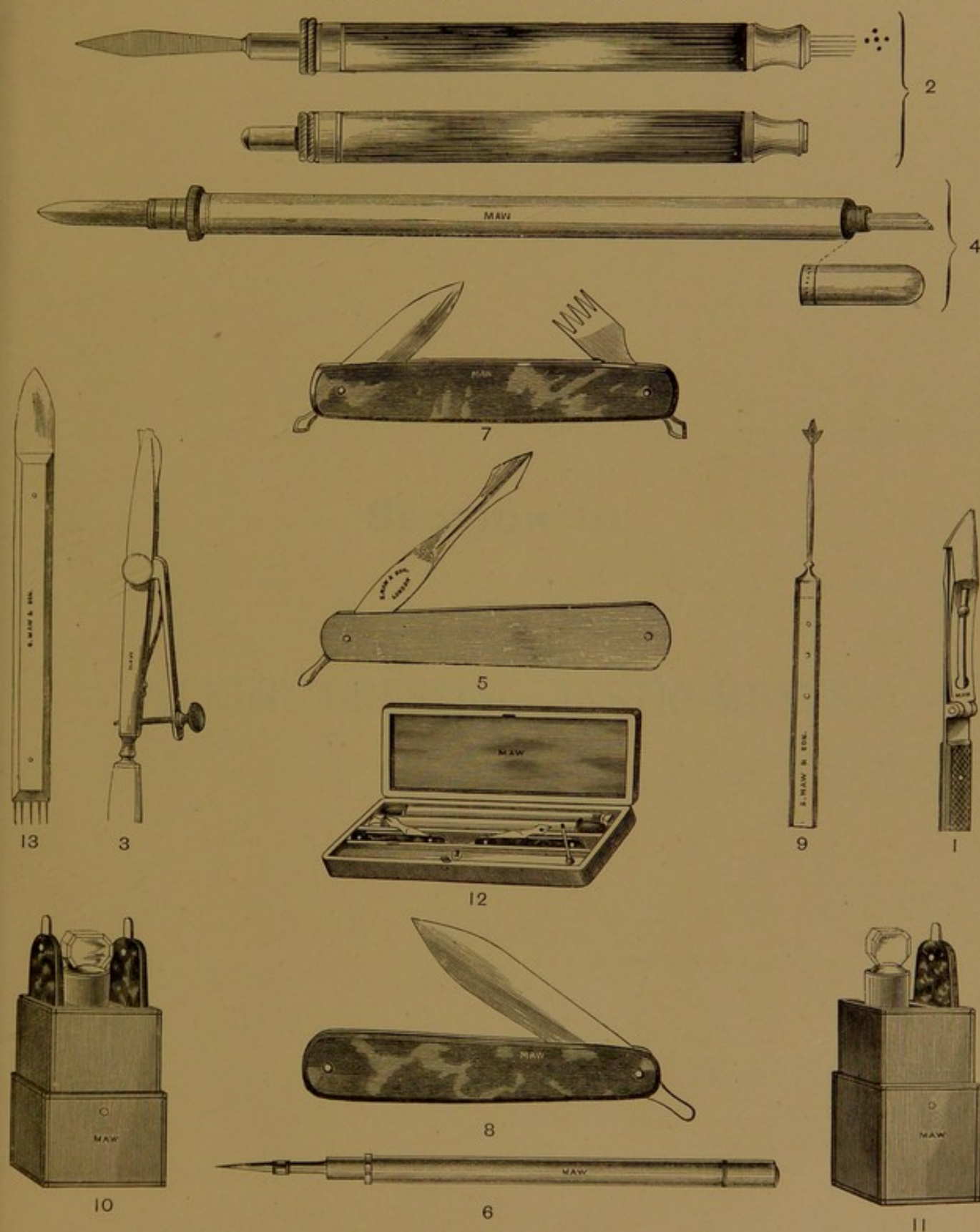


Fig. 1. BRAITHWAITE'S.
 Fig. 2. COOPER ROSE'S.
 Fig. 3. DOUBLE BLADE.
 Fig. 4. EVANS'.

Fig. 5. GROOVED.
 Fig. 6. HILLIARD'S.
 Fig. 7. MAW'S.
 Fig. 8. PLAIN.

Fig. 9. SPRATLEY'S.
 Fig. 10. VACCINE CASE.
 Fig. 11. VACCINE CASE.
 Fig. 12. VACCINE CASE, COUSINS'.
 Fig. 13. WEIR'S.

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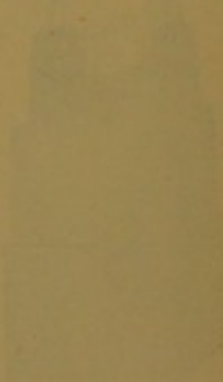
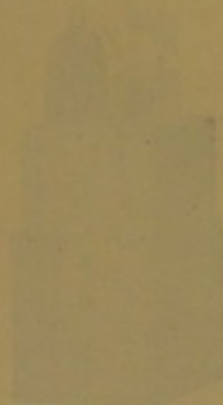


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SECTION III.



POCKET DRESSING INSTRUMENTS.

CONTENTS OF SECTION III.

ABSCESS KNIVES.
BISTOURIES.
CATHETERS.
CAUSTIC CASES.
CORN INSTRUMENTS.
DIRECTORS.
EXPLORING NEEDLES.

EXPLORING TROCARS.
FORCEPS.
KNIVES.
LANCETS.
NEEDLES, ANEURISM.
NEEDLES, SUTURE.

POCKET CASES.
PROBES.
SCISSORS.
SPATULAS.
TENACULUM.
TROCARS.

POCKET DRESSING INSTRUMENTS.

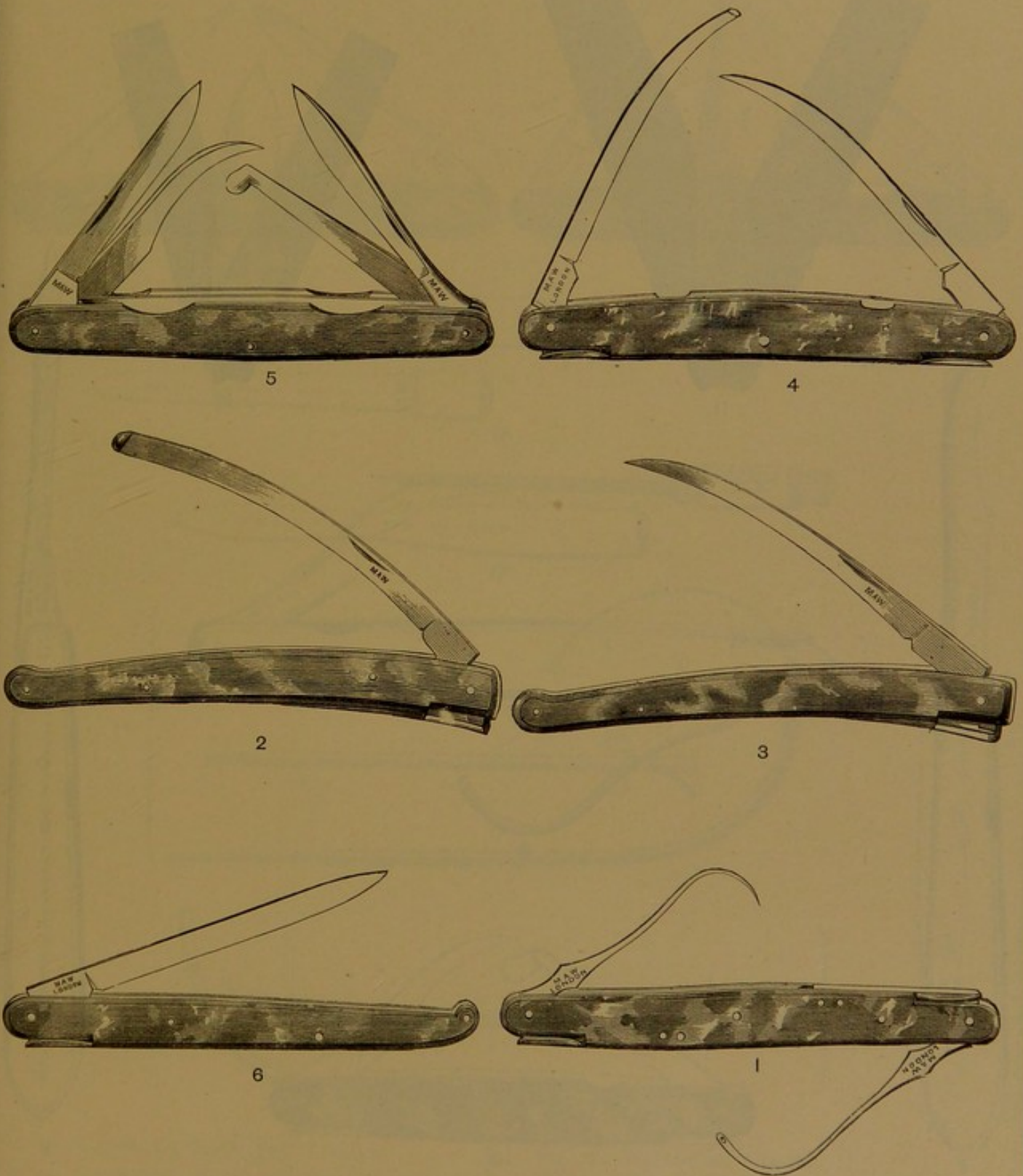


Fig. 1. ANEURISM NEEDLE AND TENACULUM.

Fig. 2. BISTOURY, PROBE.

Fig. 3. BISTOURY, SHARP.

Fig. 4. BISTOURY, PROBE AND SHARP.

Fig. 5. BISTOURY AND GENERAL OPERATION KNIVES.

Fig. 6. BISTOURY, STRAIGHT.

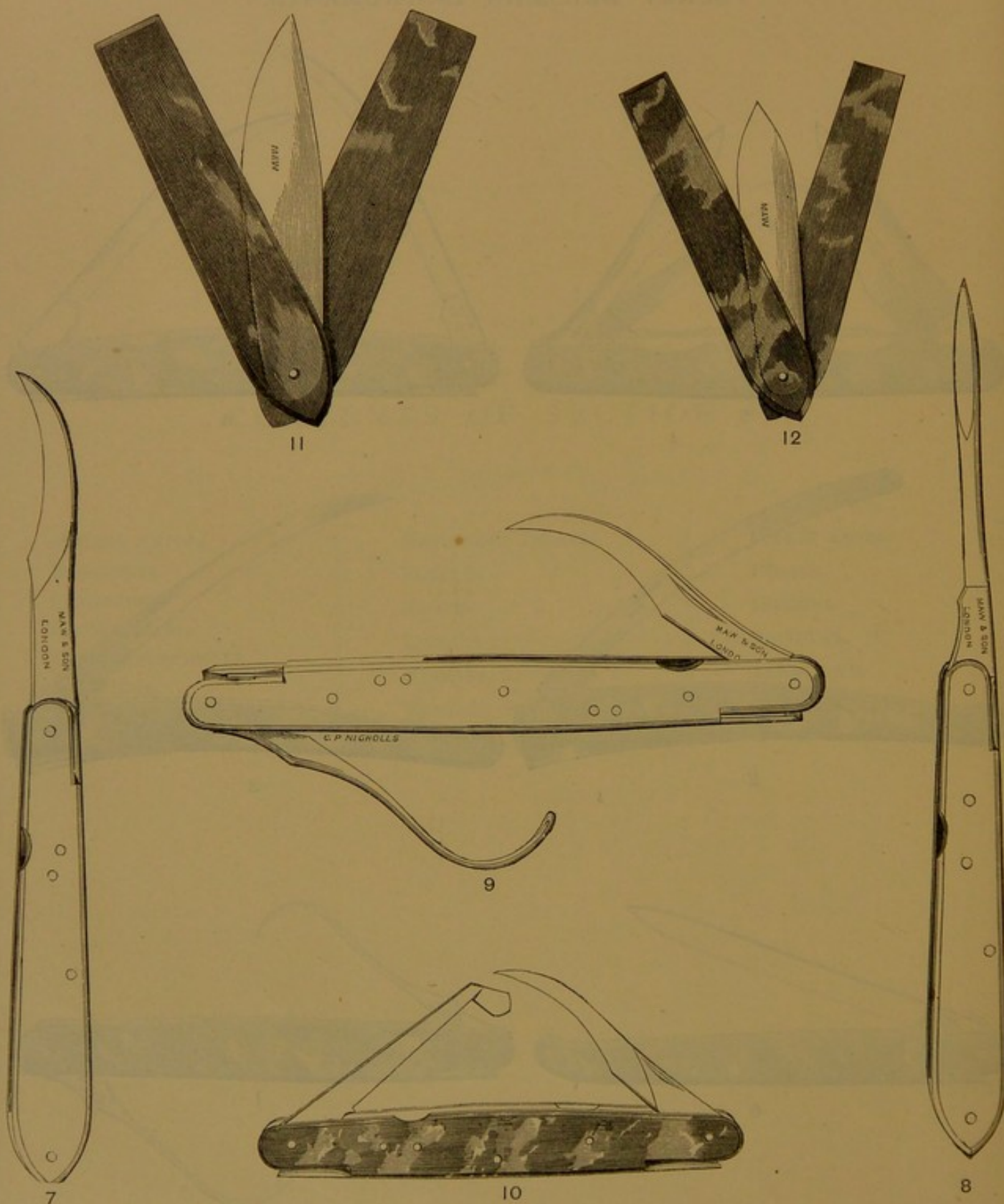
POCKET DRESSING INSTRUMENTS (*Continued*).

Fig. 7. ABSCESS KNIFE.

Fig. 8. ABSCESS KNIFE.

Fig. 9. ABSCESS KNIFE AND ANEURISM NEEDLE.

Fig. 10. ABSCESS KNIFE AND GUM LANCET.

Fig. 11. ABSCESS LANCET.

Fig. 12. BLEEDING LANCET.

POCKET DRESSING INSTRUMENTS (Continued).

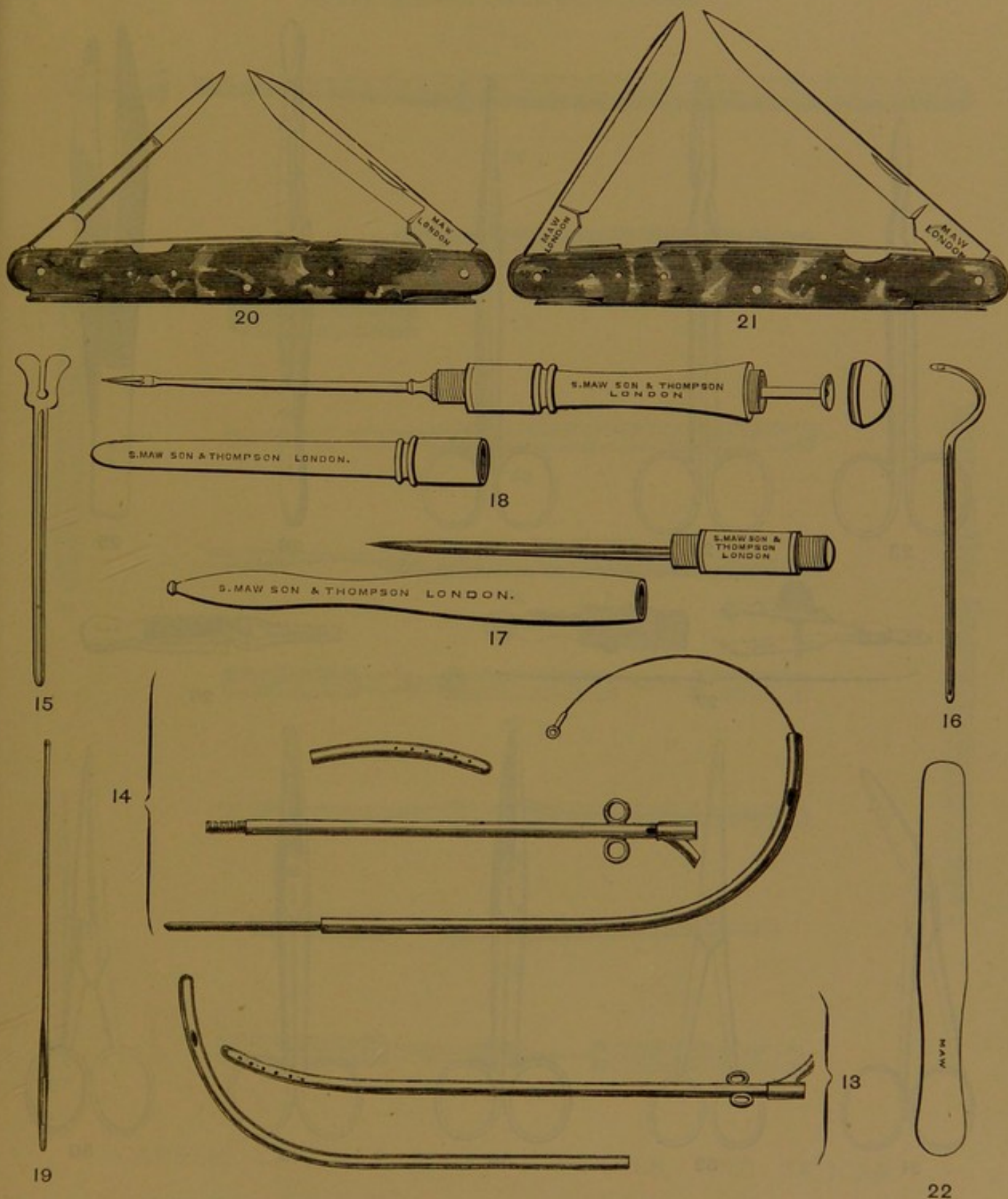


Fig. 13. CATHETER, MALE AND FEMALE.
 Fig. 14. CATHETER, MALE AND FEMALE, WITH
 NASAL PLUG.
 Fig. 15. DIRECTOR.
 Fig. 16. DIRECTOR AND ANEURISM NEEDLE.

Fig. 17. EXPLORING NEEDLE.
 Fig. 18. EXPLORING TROCAR.
 Fig. 19. PROBE.
 Fig. 20. SCALPEL AND ABSCESS KNIFE.
 Fig. 21. SCALPEL AND BISTOURY.
 Fig. 22. SPATULA.

POCKET DRESSING INSTRUMENTS (Continued).

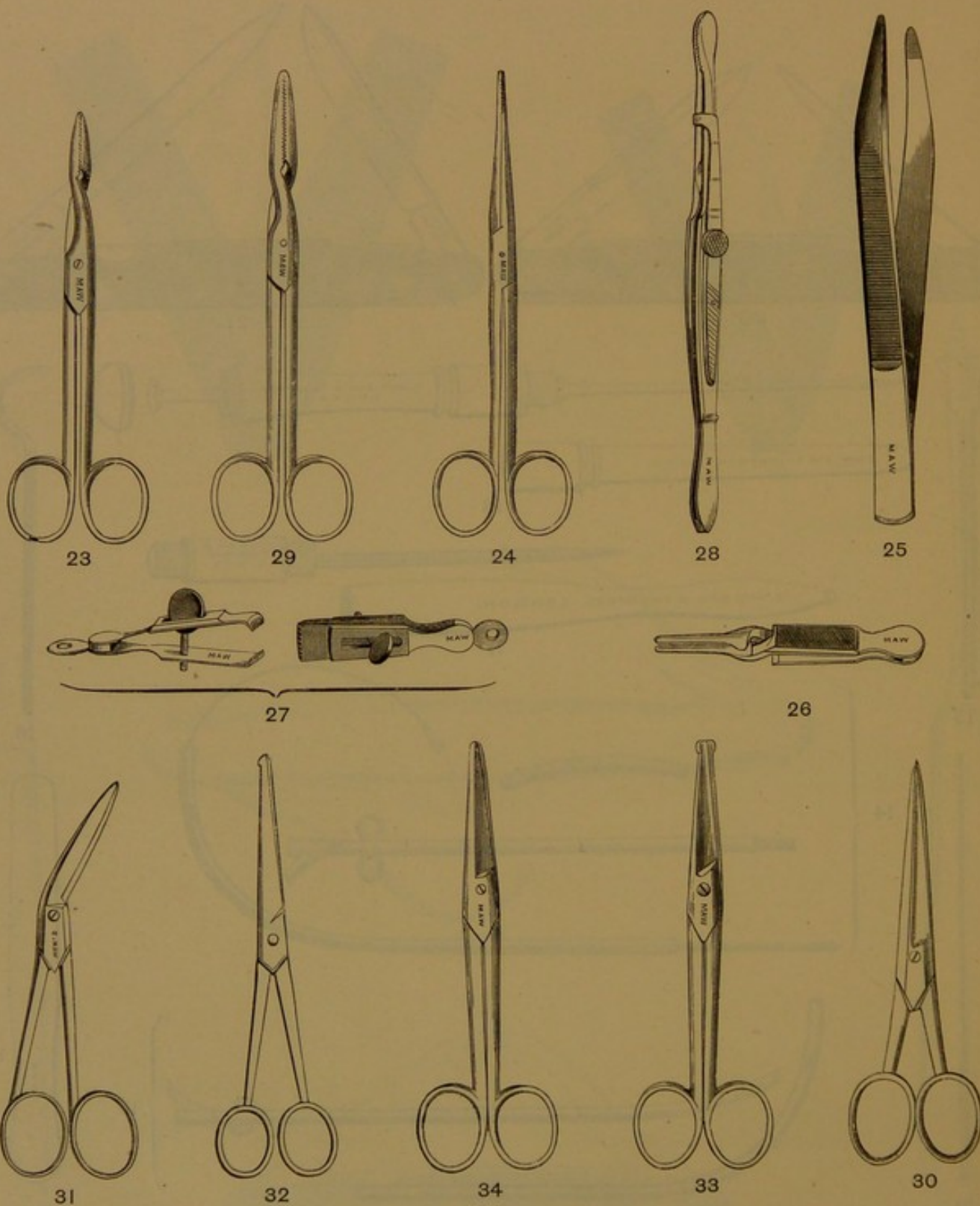


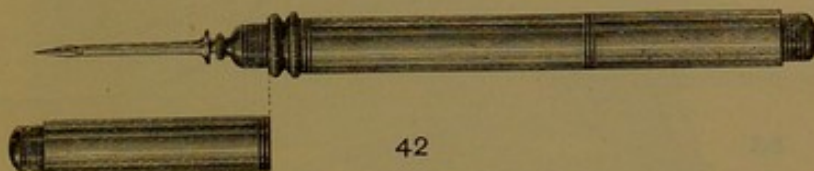
Fig. 23. FORCEPS, DRESSING.
 Fig. 24. FORCEPS, DRESSING.
 Fig. 25. FORCEPS, DRESSING.
 Fig. 26. FORCEPS, ARTERY.
 Fig. 27. FORCEPS, ARTERY.
 Fig. 28. FORCEPS, TORSION.

Fig. 29. FORCEPS, TORSION.
 Fig. 30. SCISSORS, DRESSING.
 Fig. 31. SCISSORS, CURVED.
 Fig. 32. SCISSORS, SINGLE PROBE POINT.
 Fig. 33. SCISSORS, DOUBLE PROBE POINTS.
 Fig. 34. SCISSORS, ROUND POINTS.

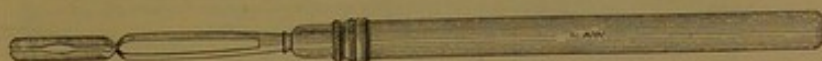
POCKET DRESSING INSTRUMENTS (*Continued*).



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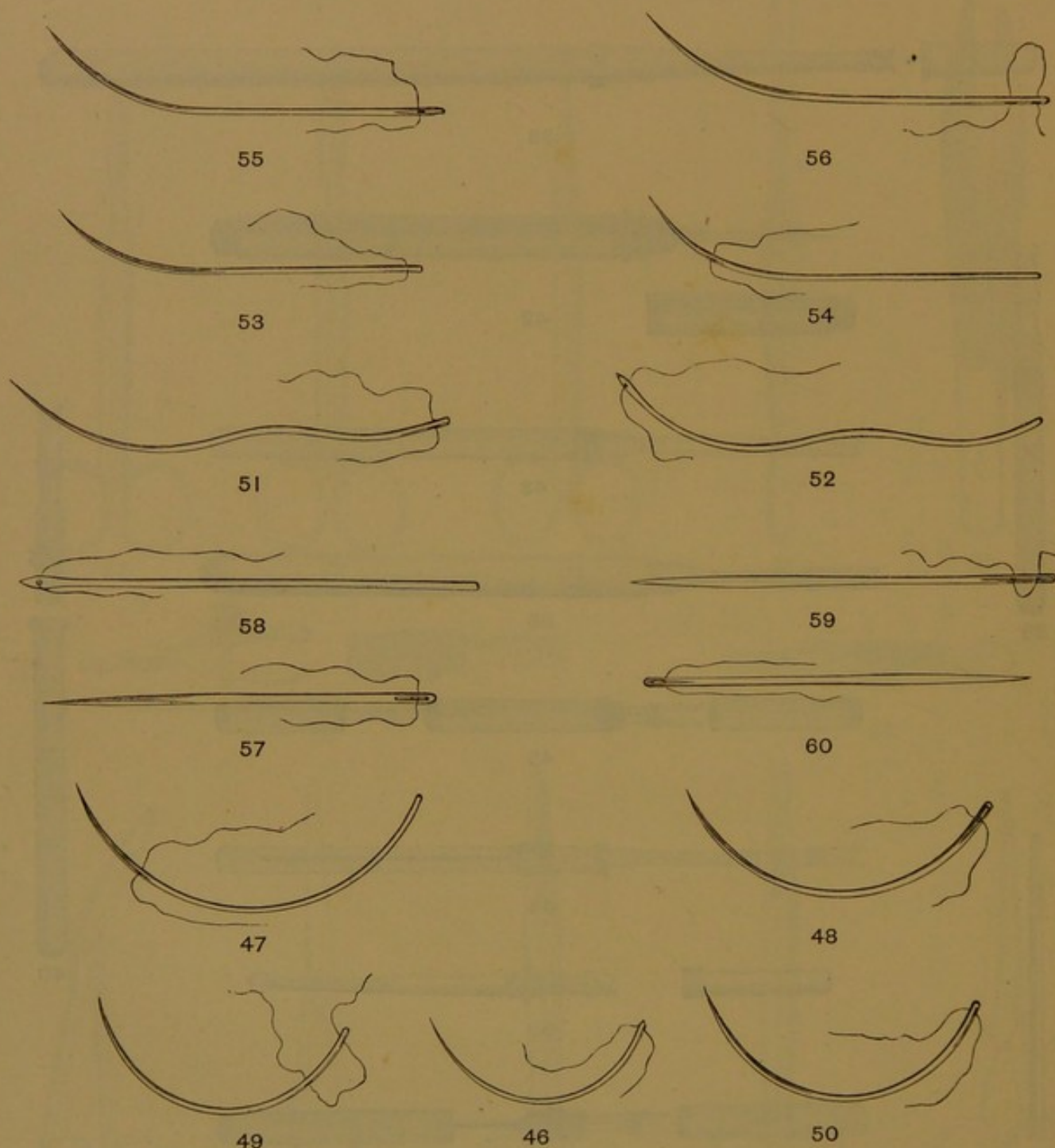


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CAUSTIC CASES, EXPLORING NEEDLE, AND TROCAR.

- Fig. 35. EBONY, GILT CRAYON.
- Fig. 36. SILVER, GILT CRAYON.
- Fig. 37. SILVER, PROPELLING CRAYON.
- Fig. 38. SILVER, PROPELLING CRAYON.
- Fig. 39. SILVER, AND PRECIPITATE CASE.
- Fig. 40. SILVER, SEAMLESS TUBE.

- Fig. 41. SILVER, WITH EXPLORING NEEDLE.
- Fig. 42. SILVER, WITH EXPLORING TROCAR.
- Fig. 43. SILVER, SELF-ACTING CRAYON.
- Fig. 44. SILVER, TELESCOPE TUBE.
- Fig. 45. SILVER, WITH TWO CRAYONS AND EYE SPUD.

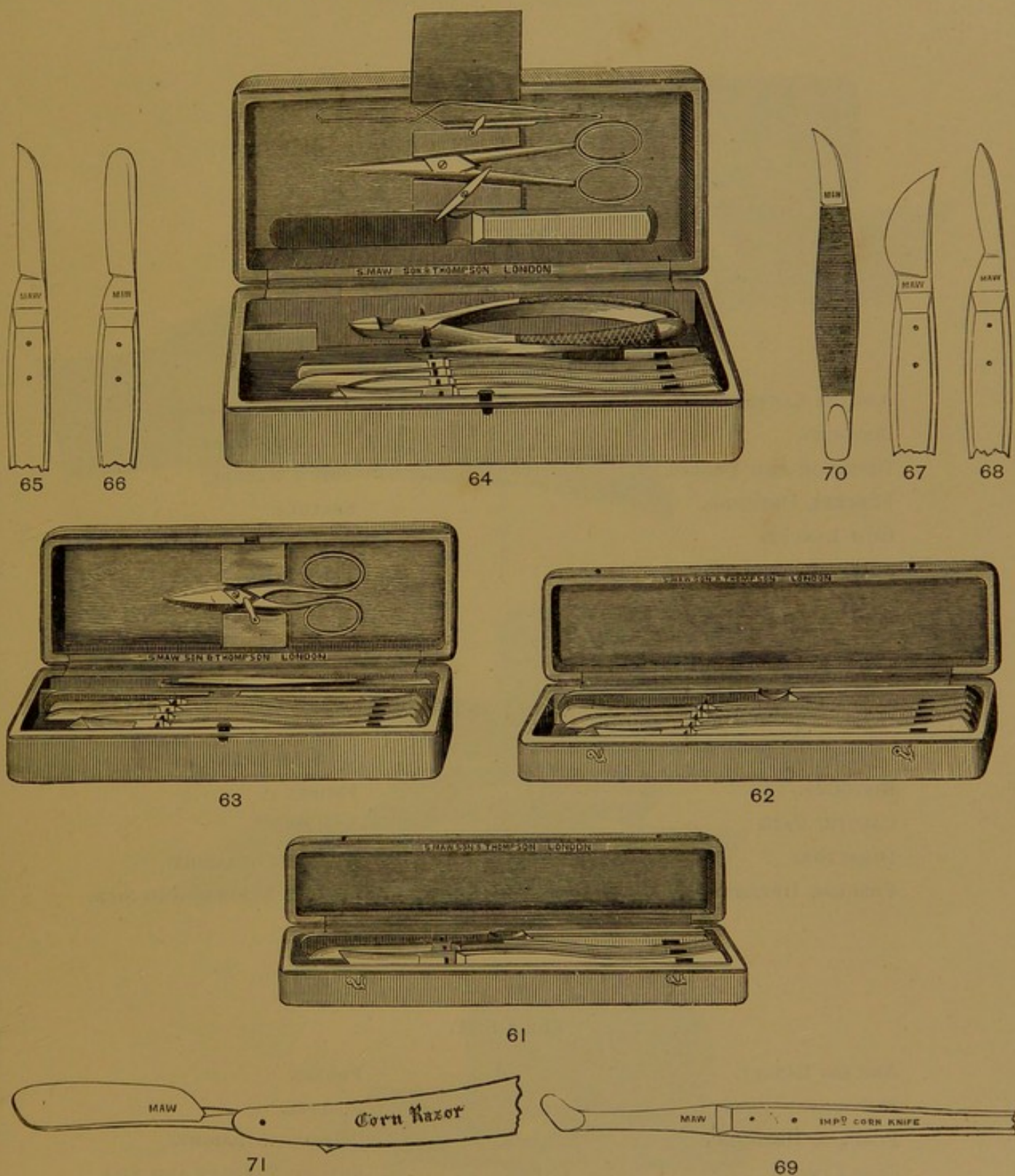
POCKET DRESSING INSTRUMENTS (*Continued*).

NEEDLES.

- Fig. 46. CRESCENT.
 Fig. 47. CRESCENT (Eye at Point).
 Fig. 48. CRESCENT (for Wire).
 Fig. 49. CRESCENT (Two Eyes).
 Fig. 50. CRESCENT (Triangular Point).
 Fig. 51. DOUBLE-CURVED.
 Fig. 52. DOUBLE-CURVED (Eye at Point).
 Fig. 53. HALF-CURVED.

- Fig. 54. HALF-CURVED (Eye at Point).
 Fig. 55. HALF-CURVED (for Wire).
 Fig. 56. HALF-CURVED (Two Eyes).
 Fig. 57. STRAIGHT.
 Fig. 58. STRAIGHT (Eye at Point).
 Fig. 59. STRAIGHT (Two Eyes).
 Fig. 60. STRAIGHT (Triangular Point).

POCKET DRESSING INSTRUMENTS (Continued).



CORN CASES, KNIVES, ETC.

Fig. 61. TWO KNIVES AND FILE.
 Fig. 62. FOUR KNIVES AND FILE.
 Fig. 63. FOUR KNIVES, FILE, SPRING
 FORCEPS, AND SCISSORS.

Fig. 64. FIVE KNIVES, CORN FILE,
 NAIL NIPPERS, DOUBLE TENA-
 CULUM, NAIL SCISSORS, AND
 SPRING FORCEPS.

Figs. 65 } KNIVES.
 to 69. }
 Fig. 70. FILE.
 Fig. 71. RAZOR.

POCKET CASES.

THE KNIVES IN SKELETON TORTOISESHELL HANDLES.

FIG. 1 SET.

ABSCISS LANCET.
 BISTOURY.
 DIRECTOR AND PROBES.
 FORCEPS, DRESSING.
 GUM LANCET.
 SCALPEL.

SCISSORS, CURVED.
 SCISSORS, STRAIGHT.
 SETON NEEDLE.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 TENACULUM.

FIG. 2 SET.

ABSCISS LANCET.
 BISTOURY.
 CAUSTIC CASE.
 DIRECTOR.
 FORCEPS, DRESSING.

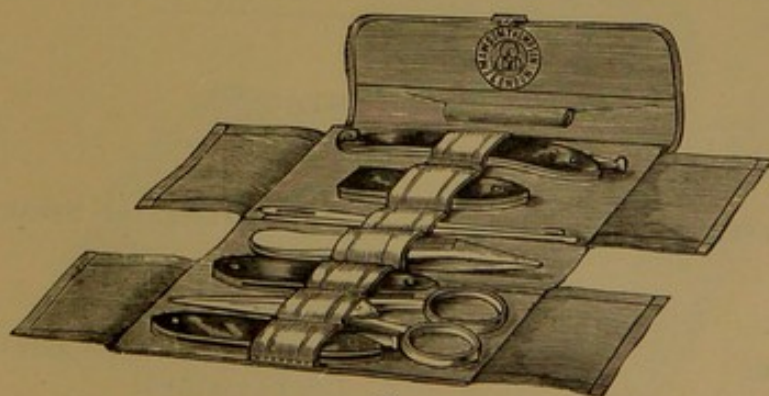
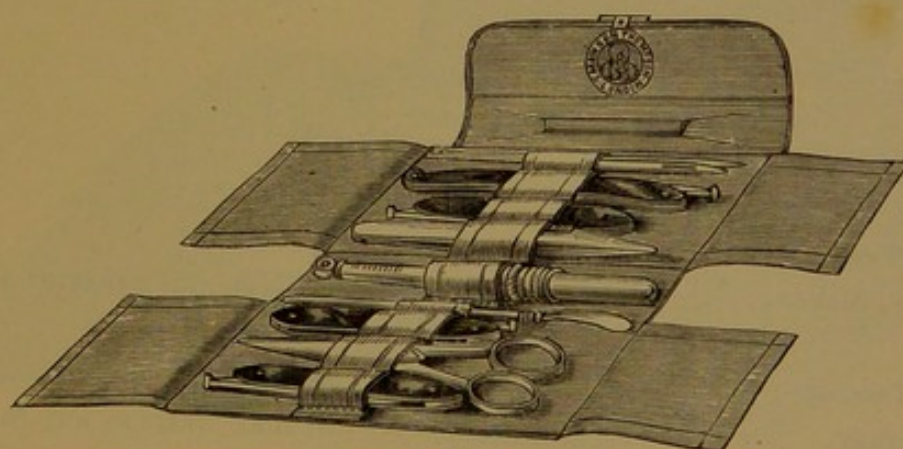
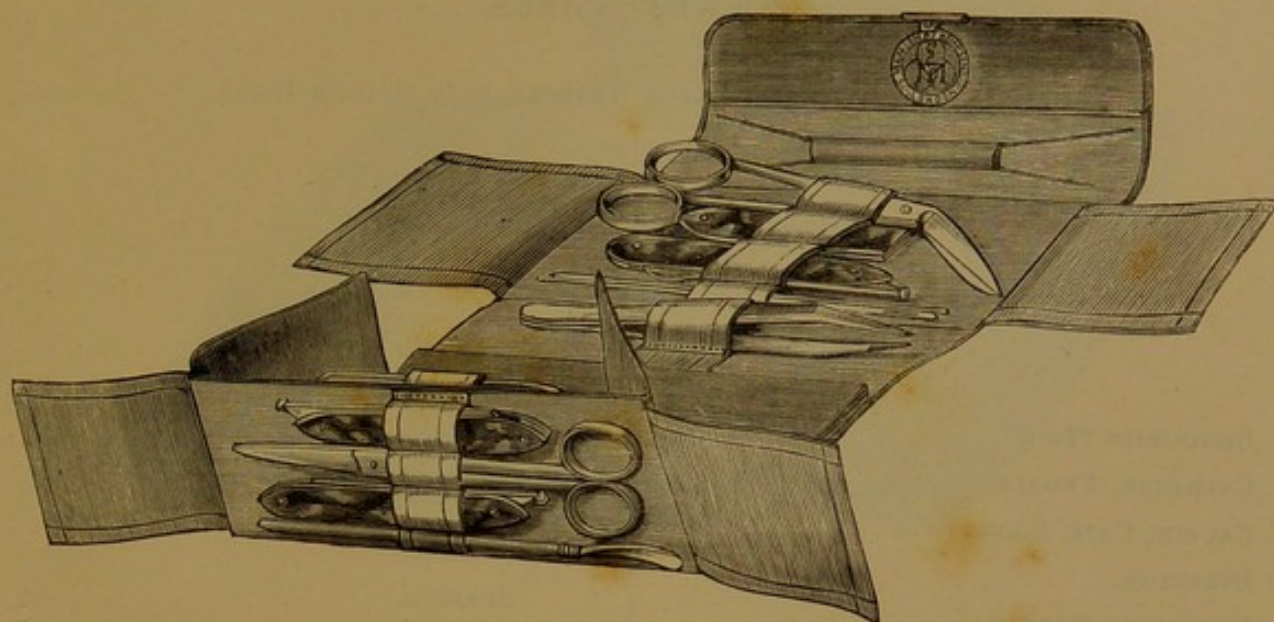
GUM LANCET.
 PROBES.
 SCALPEL.
 SCISSORS, STRAIGHT.
 SUTURE NEEDLES AND SILK.

FIG. 3 SET.

ABSCISS LANCET.
 BISTOURY.
 FORCEPS, DRESSING.
 GUM LANCET.

PROBES.
 SCALPEL.
 SCISSORS, STRAIGHT.
 SUTURE NEEDLES AND SILK.

POCKET CASES.



POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 4 SET.

BISTOURIES (Two).
 CATHETER, FEMALE.
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 EXPLORING TROCAR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.

PROBES.
 SCALPEL AND BISTOURY.
 SCISSORS.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 SYME'S KNIFE AND GUM LANCET.

FIG. 5 SET.

BISTOURIES (Two).
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 EXPLORING TROCAR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING (Two).

PROBES.
 SCALPEL AND STRAIGHT BISTOURY.
 SCISSORS.
 SPATULA.
 SUTURE NEEDLES AND SILK.
 SYME'S KNIFE AND GUM LANCET.

FIG. 6 SET.

BISTOURIES (Two).
 CAUSTIC CASE, SILVER.
 DIRECTOR.
 FORCEPS, ARTERY.
 FORCEPS, DRESSING.

PROBE.
 SCALPEL AND STRAIGHT BISTOURY.
 SILK.
 SUTURE NEEDLES.
 SYME'S KNIFE AND GUM LANCET.

POCKET CASES (Continued).

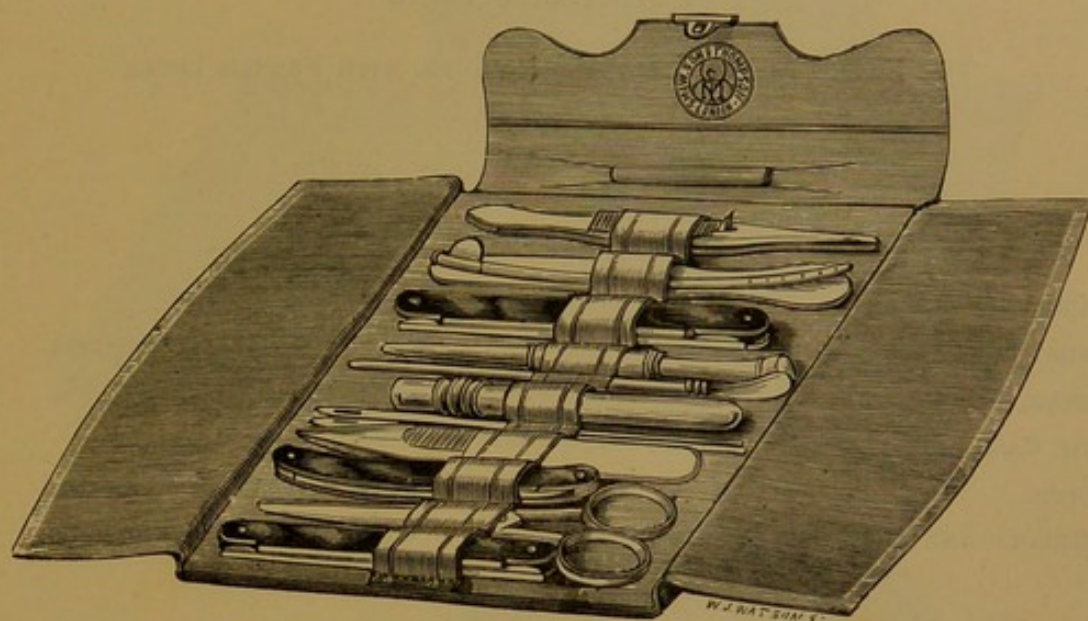
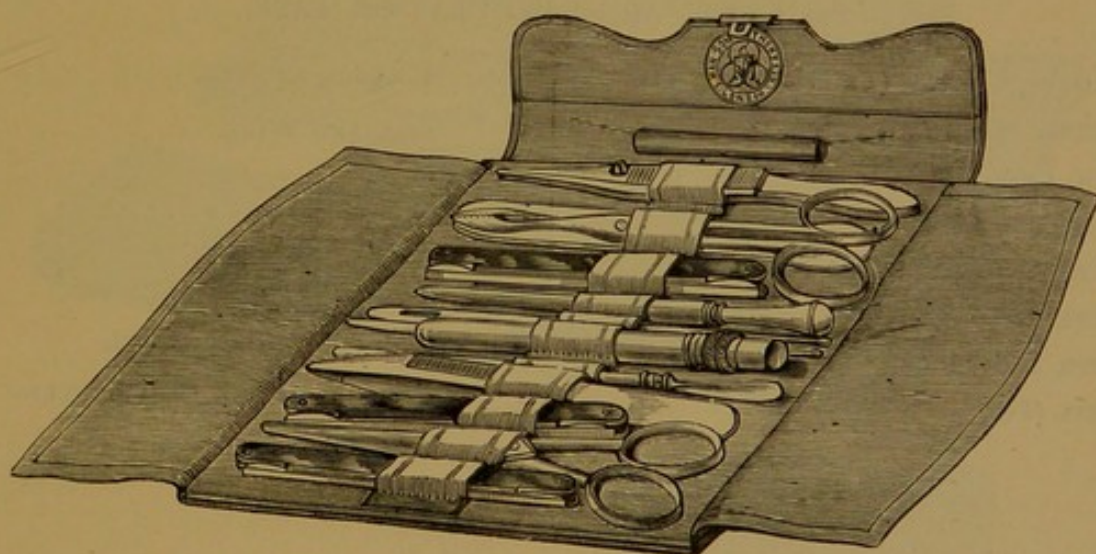
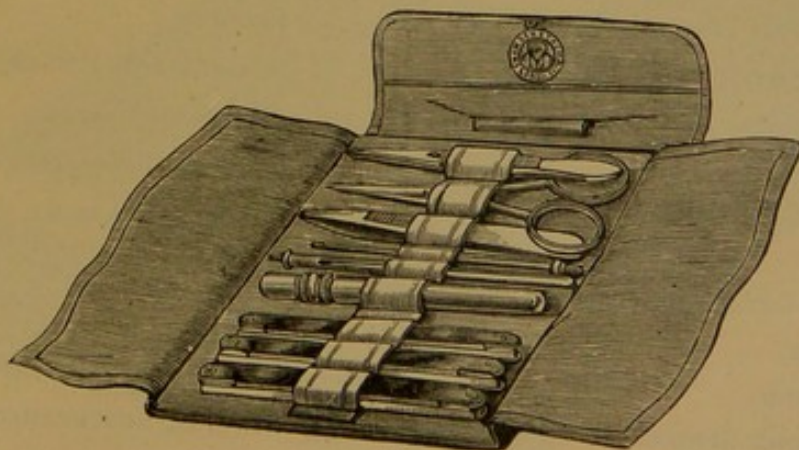


Fig 4



5



6

POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 7 SET.

BISTOURY, STRAIGHT.	FORCEPS, DRESSING.
BLEEDING LANCET.	PAGET'S KNIFE AND SCALPEL.
CATHETER, FEMALE.	PROBES.
CAUSTIC CASE AND TROCAR.	SCISSORS.
DIRECTOR.	SUTURE NEEDLES AND SILK.
EYE NEEDLE AND SCOOP.	VACCINATION LANCET.

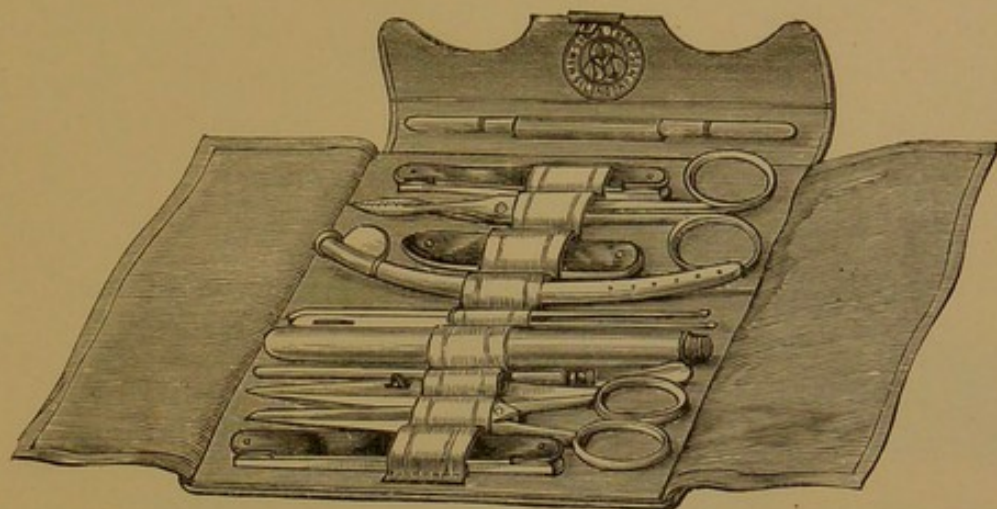
FIG. 8 SET.—ARMY REGULATION CASE.

BISTOURIES, CURVED (Two).	SCISSORS, CURVED.
CATHETER, MALE AND FEMALE.	SILK AND WIRE.
CAUSTIC CASE.	SPATULA.
CLINICAL THERMOMETER.	SUTURE NEEDLES.
DIRECTOR AND ANEURISM NEEDLE.	SYME'S KNIFE AND SCALPEL.
FORCEPS, ARTERY.	SYRINGE, SUBCUTANEOUS.
FORCEPS, DRESSING.	TENACULUM AND GUM LANCET.
LANCETS (Two).	

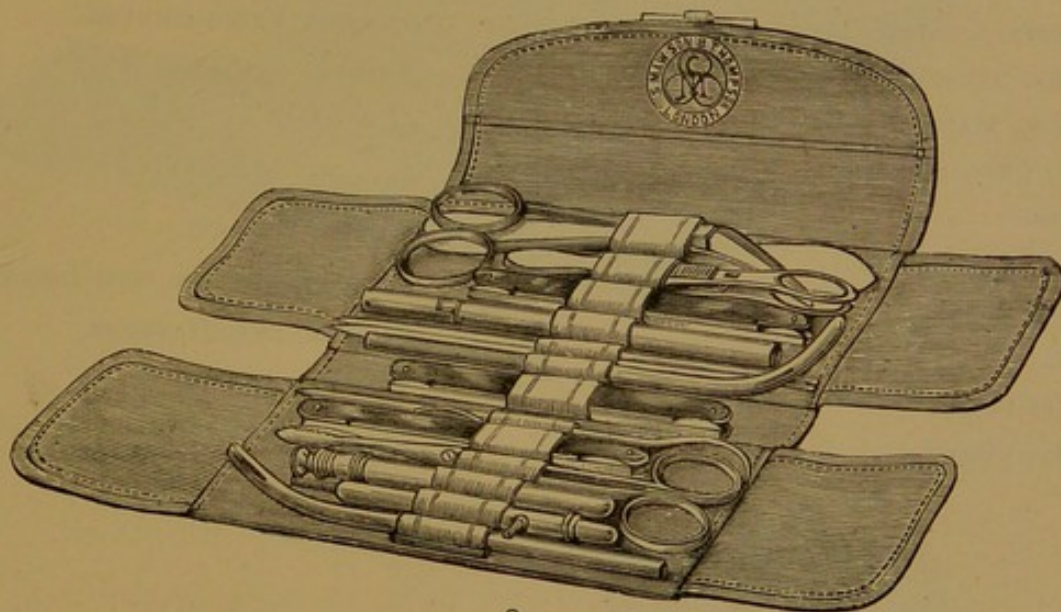
FIG. 9 SET.

BISTOURIES, CURVED (Two).	PROBES.
BISTOURY, STRAIGHT.	SCALPEL AND FINGER KNIFE.
CATHETER, MALE AND FEMALE, WITH PLUG FOR EPISTAXIS.	SCISSORS, CURVED.
CAUSTIC HOLDER AND EXPLORING TROCAR.	SCISSORS, PROBE-POINTED.
DIRECTOR.	SCISSORS, STRAIGHT.
EYE SCOOP AND CATARACT NEEDLE.	SILK.
FORCEPS, ARTERY.	SUTURE NEEDLES.
FORCEPS, DRESSING.	SYME'S KNIFE AND GUM LANCET.
FORCEPS, DRESSING, SPRING.	SYRINGE, SUBCUTANEOUS.

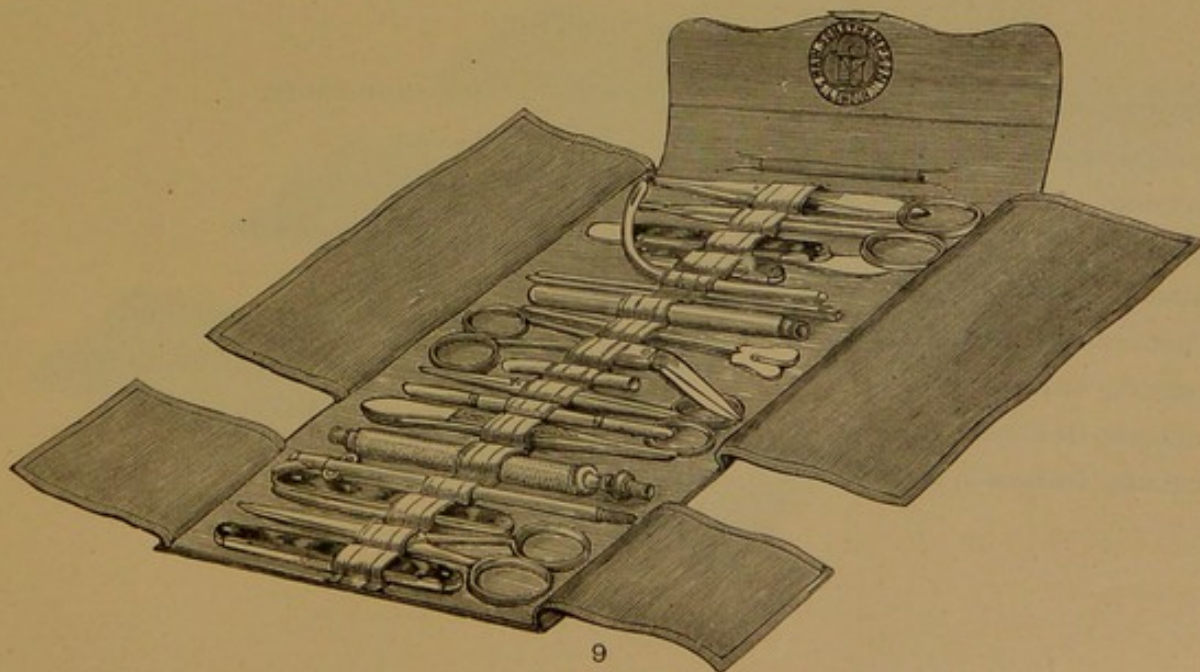
POCKET CASES (*Continued*).



7



8



9

POCKET CASES.

THE KNIVES IN TORTOISESHELL HANDLES, WITH FRENCH LOCKS.

FIG. 10 SET.

BISTOURIES, CURVED (Two).
BISTOURY, STRAIGHT.
CATHETER, MALE AND FEMALE.
CAUSTIC CASE, SILVER.
DIRECTOR.
FORCEPS, ARTERY.
FORCEPS, DRESSING.
PROBES.
SCALPELS (Two).
SCISSORS, CURVED.

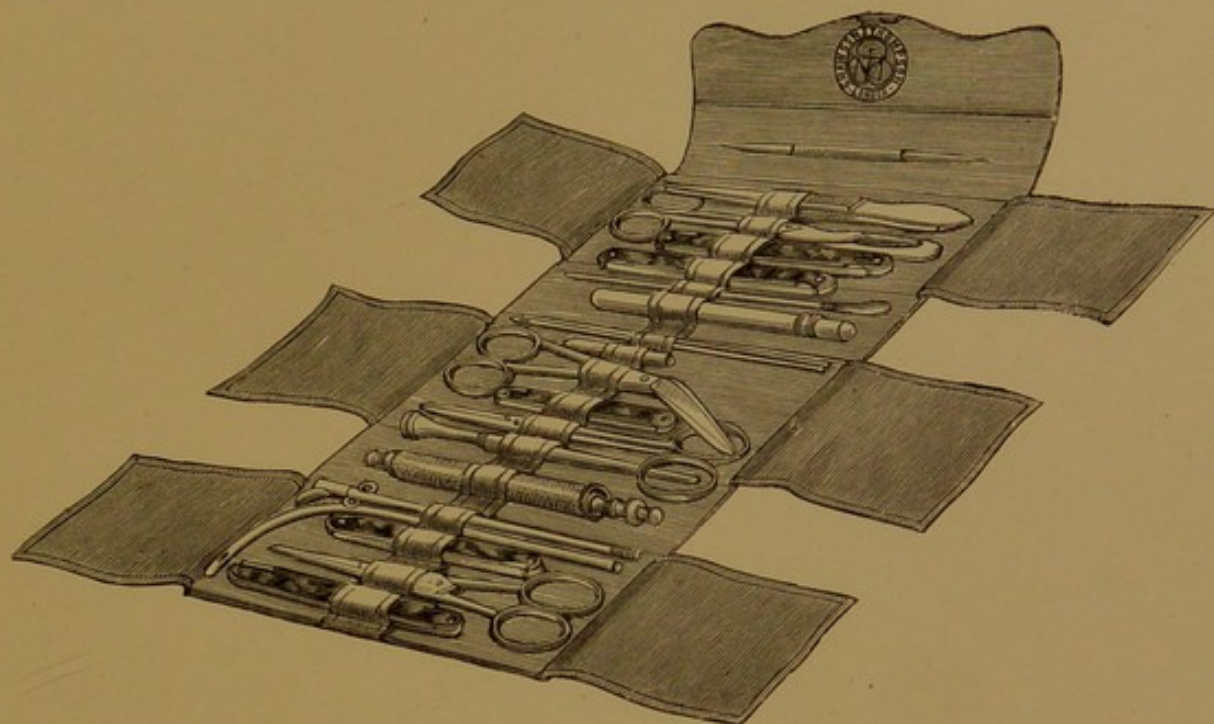
SCISSORS, PROBE-POINTED.
SCISSORS, STRAIGHT.
SILK.
SPATULA.
SUTURE NEEDLES.
SYME'S KNIFE AND GUM LANCET
SYRINGE, SUBCUTANEOUS.
TENOTOMY KNIFE.
TROCER, EXPLORING.

FIG. 11 SET.

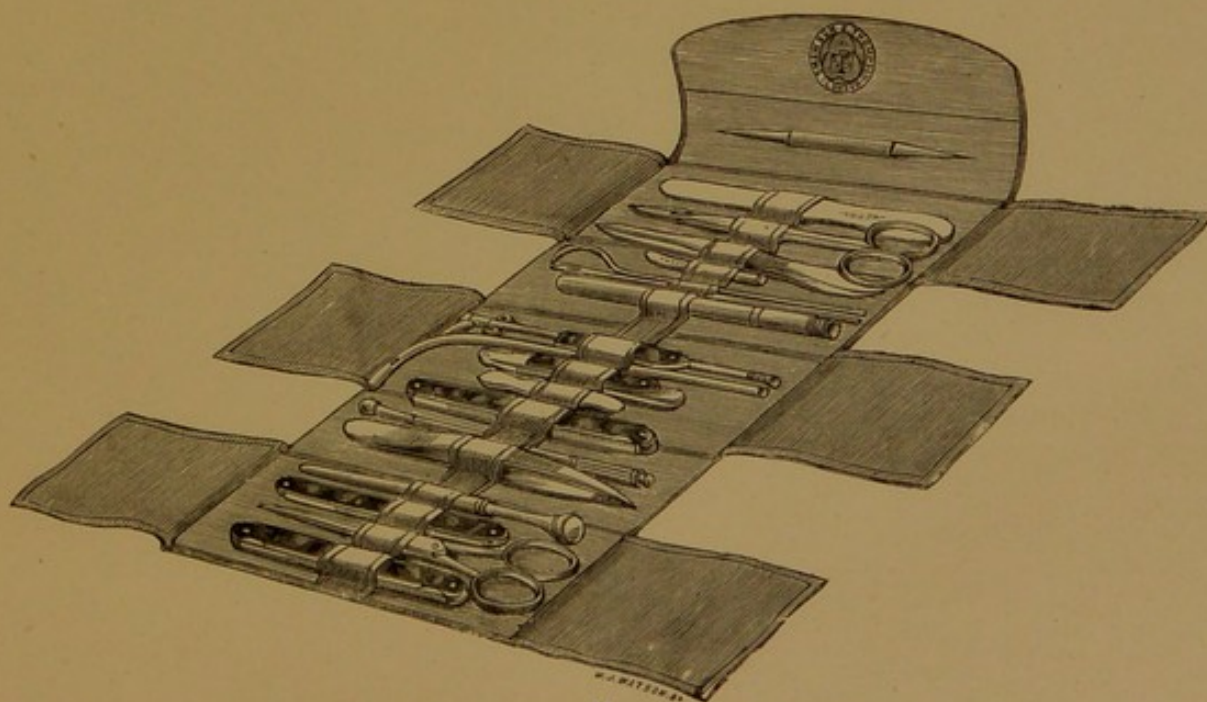
BISTOURY, STRAIGHT.
BISTOURIES, CURVED (Two).
BLEEDING LANCET.
CATHETER.
CAUSTIC HOLDER.
DIRECTOR AND ANEURISM NEEDLE.
FORCEPS, ARTERY.
FORCEPS, DRESSING.
FORCEPS, DRESSING, SPRING.

GUN-SHOT PROBE.
PROBES.
SCALPELS (Two).
SCISSORS, STRAIGHT.
SPATULA.
SUTURE NEEDLES AND SILK.
SYME'S KNIFE AND GUM LANCET.
TROCER, EXPLORING.
VACCINATION LANCET.

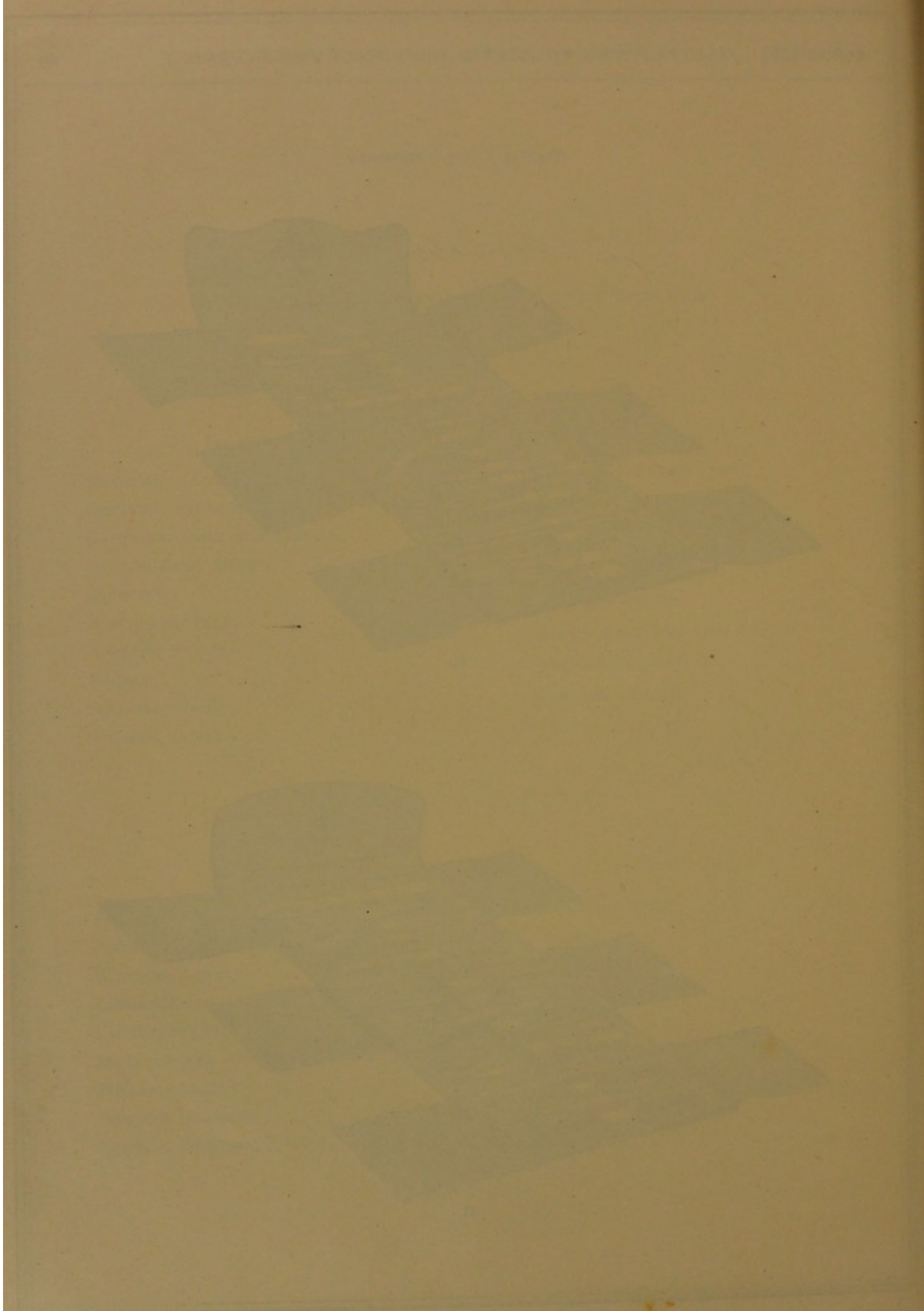
POCKET CASES (*Continued*).



10



11



SECTION IV.



EYE INSTRUMENTS.

CONTENTS OF SECTION IV.

CAUTERY, LACHRYMAL.

CURETTES.

CYSTOTOMES.

DIRECTORS.

DOUCHES.

FORCEPS, CILIA.

FORCEPS, ENTROPIUM.

FORCEPS, FIXING.

FORCEPS, IRIS.

HOOKS, PUPIL.

HOOKS, STRABISMUS.

KNIFE, ARTIFICIAL PUPIL.

KNIVES, CATARACT.

KNIVES, IRIDECTOMY.

KNIVES, IRIS.

KNIVES, LACHRYMAL.

KNIVES, PUNCTUM.

KNIVES, SCARIFYING.

LENS PRICKER.

LEVER INSTRUMENTS.

NEEDLES, BROAD.

NEEDLES, CATARACT.

NEEDLES, RECLINATION.

NEEDLES, SOLUTION.

NEEDLES, SPATULA.

NEEDLES, STOP.

NEEDLES, SUTURE.

OPHTHALMOSCOPES.

PROBES.

RETRACTORS.

SCISSORS.

SETS IN CASES.

SHADES.

SPOONS.

SPUD AND SCOOP.

STYLES.

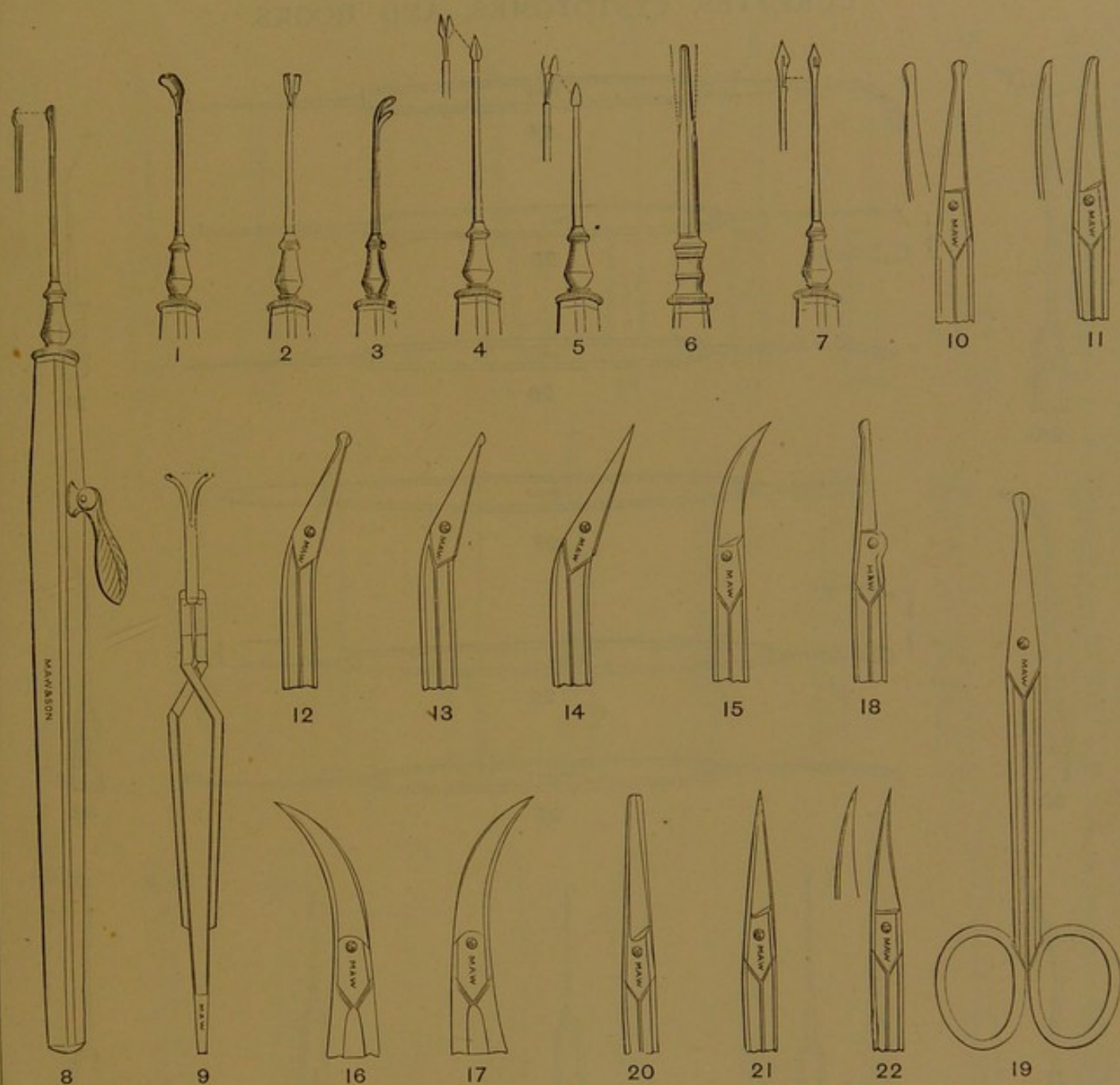
SUCTION SYRINGE.

SYRINGES.

TEST GLASSES.

VECTIS.

LEVER INSTRUMENTS AND SCISSORS.



LEVER INSTRUMENTS.

- Fig. 1. CANULA FORCEPS, COOPER'S.
 Fig. 2. CANULA FORCEPS.
 Fig. 3. CANULA FORCEPS.
 Fig. 4. CANULA SCISSORS.
 Fig. 5. CANULA SCISSORS.
 Fig. 6. CANULA LANCET.
 Fig. 7. CANULA CAPSULAR NEEDLE.
 Fig. 8. GUARDED CURETTE.
 Fig. 9. IRIS FORCEPS, CROSS-ACTION, LIEBREICH'S.

SCISSORS.

- Fig. 10. CURVED, PROBE POINTS.
 Fig. 11. CURVED, ROUND POINTS.
 Fig. 12. CURVED ELBOW, PROBE POINTS.
 Fig. 13. CURVED, PROBE AND SHARP POINTS.
 Fig. 14. CURVED ELBOW, SHARP.
 Fig. 15. CURVED, SHARP.
 Fig. 16. CURVED, SHARP, LEFT.
 Fig. 17. CURVED, SHARP, RIGHT.
 Fig. 18. STRAIGHT, PROBE POINTS.
 Fig. 19. STRAIGHT, PROBE POINTS.
 Fig. 20. STRAIGHT, ROUND POINTS.
 Fig. 21. STRAIGHT, SHARP POINTS.
 Fig. 22. STRAIGHT, CURVED, SHARP POINTS.

CURETTES, CYSTOTOMES, AND HOOKS.

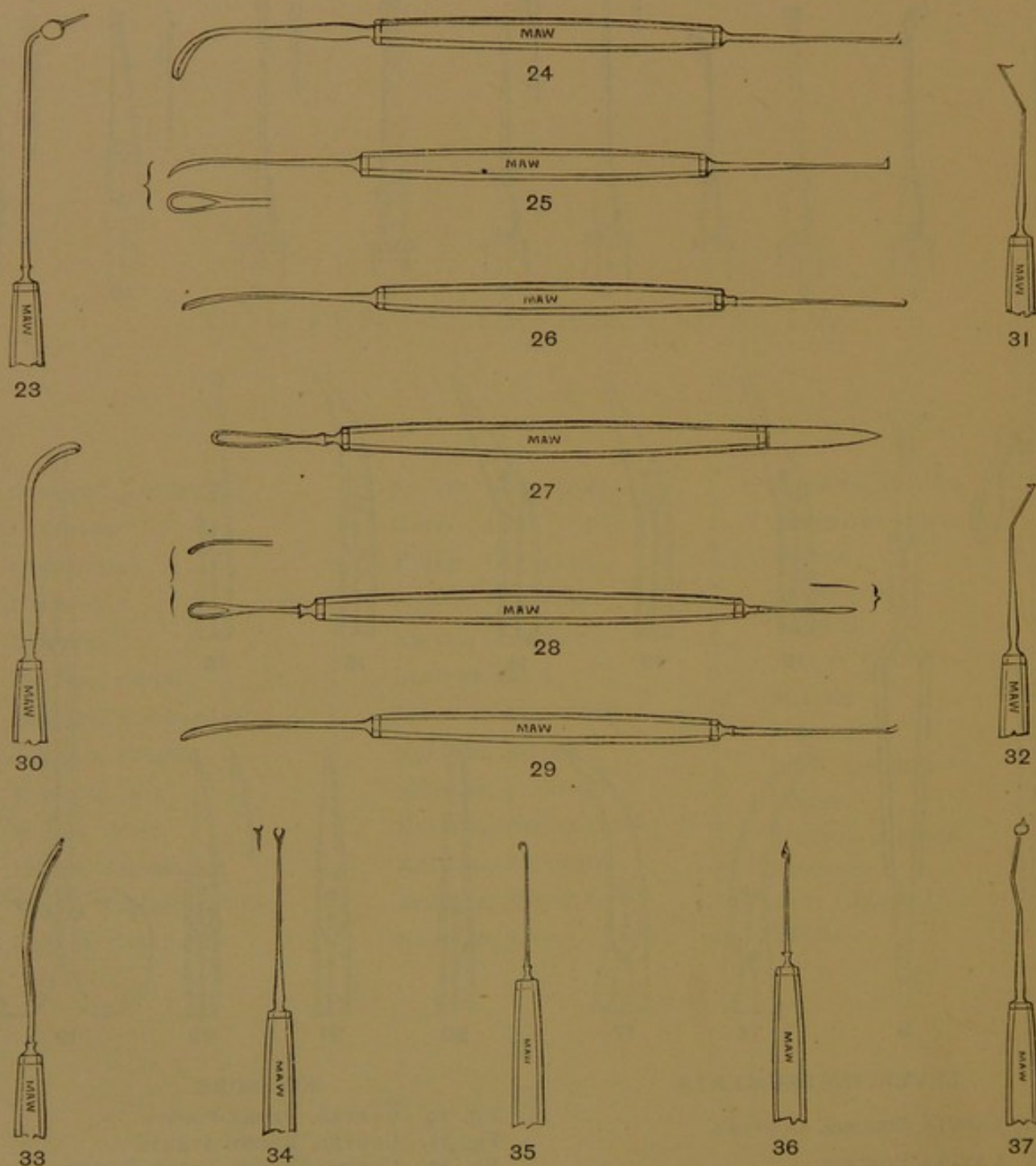


Fig. 23. CAUTERY FOR LACHRYMAL FISTULA.
 Fig. 24. CURETTE AND CYSTOTOME.
 Fig. 25. CURETTE AND CYSTOTOME.
 Fig. 26. CURETTE AND HOOK.
 Fig. 27. CURETTE AND IRIS KNIFE.
 Fig. 28. CURETTE AND NEEDLE.
 Fig. 29. CURETTE AND NEEDLE.

Fig. 30. CURETTE, VULCANITE.
 Fig. 31. CYSTOTOME, LEFT.
 Fig. 32. CYSTOTOME, RIGHT.
 Fig. 33. DIRECTOR, GUTHRIE'S.
 Fig. 34. FIXING HOOK.
 Fig. 35. HOOK, BOWMAN'S.
 Fig. 36. HOOK AND PUPIL NEEDLE, BOWMAN'S.
 Fig. 37. LENS PRICKER.

KNIVES.

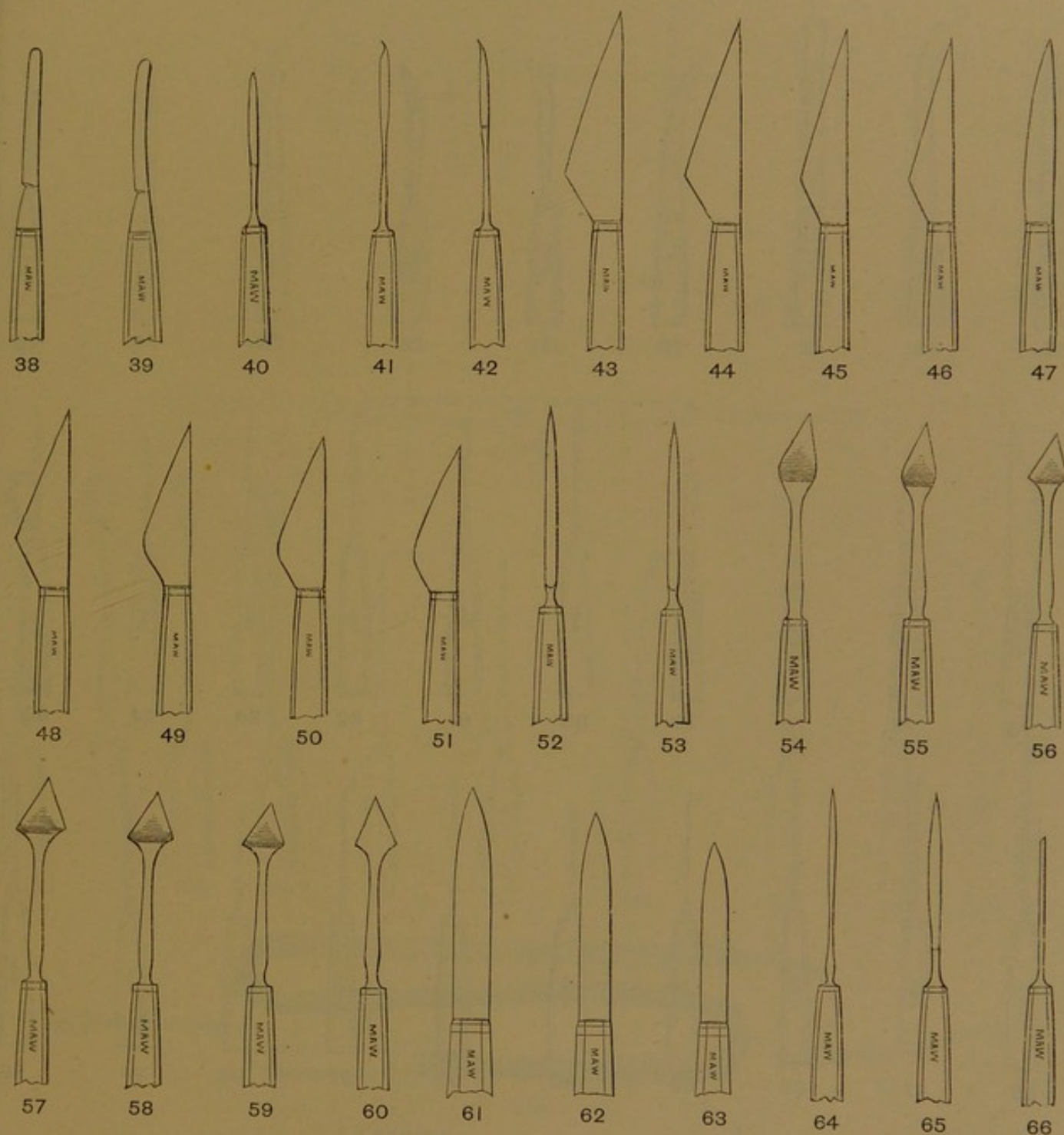
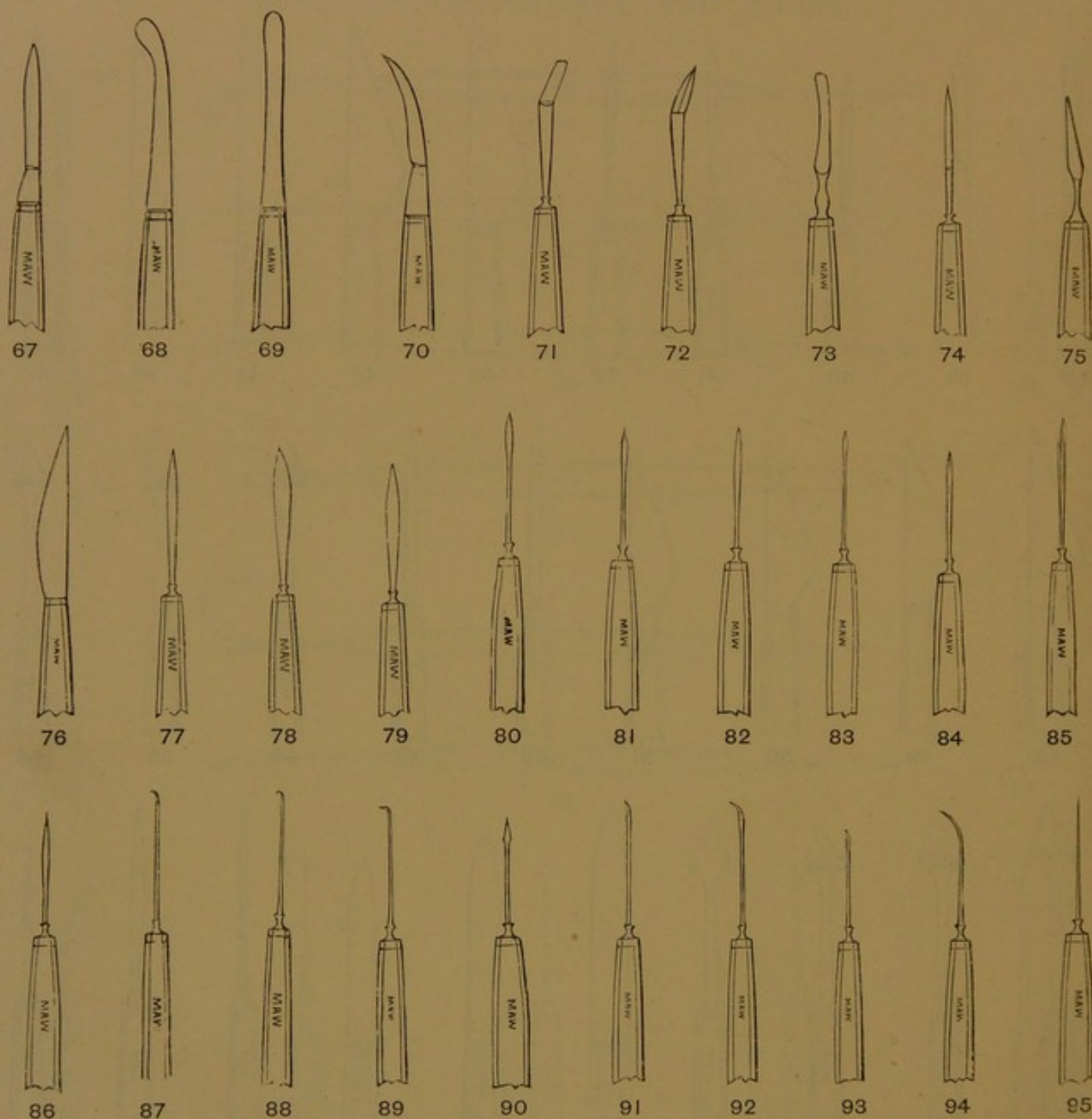


Fig. 38. ADAMS'.
 Fig. 39. ADAMS'.
 Fig. 40. ARTIFICIAL PUPIL.
 Fig. 41. CANALICULUS.
 Fig. 42. CANALICULUS.
 Fig. 43. CATARACT, BEER'S.
 Fig. 44. CATARACT, BEER'S.
 Fig. 45. CATARACT, SICHEL'S.
 Fig. 46. CATARACT, SICHEL'S.
 Fig. 47. CATARACT, COOPER'S.

Fig. 48. CATARACT.
 Fig. 49. CATARACT.
 Fig. 50. CATARACT.
 Fig. 51. CATARACT.
 Fig. 52. CATARACT, GRAEFE'S.
 Fig. 53. CATARACT, GRAEFE'S.
 Fig. 54. IRIDECTOMY, JÄGER'S.
 Fig. 55. IRIDECTOMY, JÄGER'S.
 Fig. 56. IRIDECTOMY, JÄGER'S.
 Fig. 57. IRIDECTOMY, LIEBREICH'S.

Fig. 58. IRIDECTOMY, LIEBREICH'S.
 Fig. 59. IRIDECTOMY, LIEBREICH'S.
 Fig. 60. IRIDECTOMY, LIEBREICH'S.
 Fig. 61. IRIS.
 Fig. 62. IRIS.
 Fig. 63. IRIS.
 Fig. 64. LACHRYMAL.
 Fig. 65. LACHRYMAL, WALTON'S.
 Fig. 66. PUNCTUM, BOWMAN'S.

KNIVES AND NEEDLES.



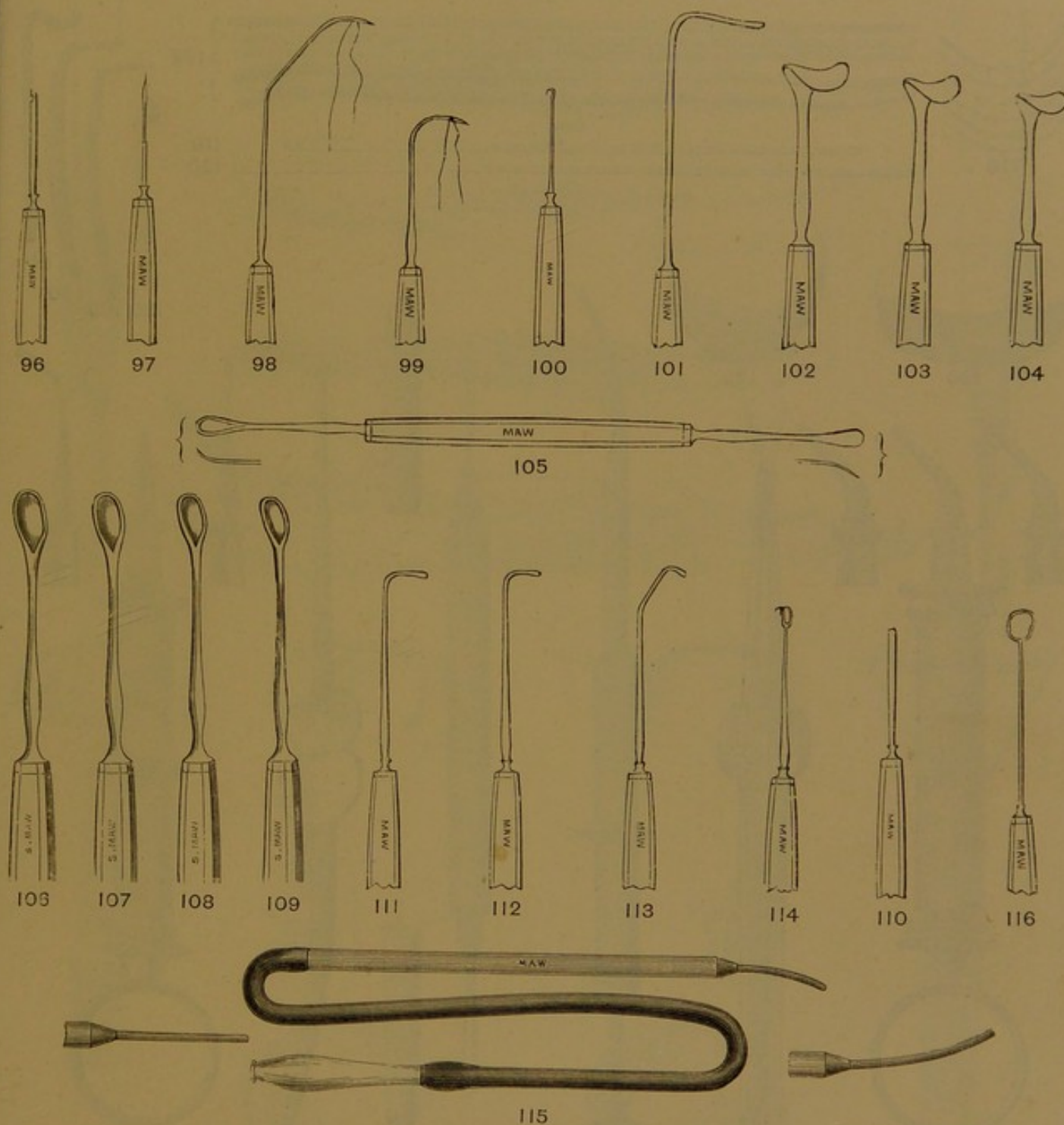
KNIVES.

- Fig. 67. WALTON'S.
 Fig. 68. SCARIFYING.
 Fig. 69. SCARIFYING.
 Fig. 70. SCARIFYING.
 Fig. 71. SCARIFYING.
 Fig. 72. SCARIFYING.
 Fig. 73. SCARIFYING.
 Fig. 74. SCARIFYING.
 Fig. 75. SCARIFYING.
 Fig. 76. SCARIFYING.

NEEDLES.

- Fig. 77. CATARACT.
 Fig. 78. CATARACT.
 Fig. 79. CATARACT.
 Fig. 80. CATARACT.
 Fig. 81. CATARACT.
 Fig. 82. CATARACT.
 Fig. 83. CATARACT.
 Fig. 84. CATARACT.
 Fig. 85. CATARACT.
 Fig. 86. CATARACT.
 Fig. 87. CATARACT.
 Fig. 88. CATARACT.
 Fig. 89. CATARACT.
 Fig. 90. CATARACT, DALRYMPLE'S.
 Fig. 91. RECLINATION.
 Fig. 92. RECLINATION, WALTON'S.
 Fig. 93. RECLINATION, WALTON'S.
 Fig. 94. SOLUTION, JACOB'S.
 Fig. 95. SOLUTION, JACOB'S.

NEEDLES, RETRACTORS, STRABISMUS HOOKS, ETC.



- Fig. 96. NEEDLE, SPATULA, STREATFIELD'S.
 Fig. 97. NEEDLE, STOP, BOWMAN'S.
 Fig. 98. NEEDLE, SUTURE, BOWMAN'S.
 Fig. 99. NEEDLE, SUTURE, BOWMAN'S.
 Fig. 100. NEEDLE, TYRRELL'S.
 Fig. 101. PROBE, NASAL DUCT, WALTON'S.
 Fig. 102. RETRACTOR, DESMARRES'.
 Fig. 103. RETRACTOR, DESMARRES'.
 Fig. 104. RETRACTOR, DESMARRES'.
 Fig. 105. SPOON, DOUBLE.
 Fig. 106. SPOON, SINGLE.

- Fig. 107. SPOON, SINGLE.
 Fig. 108. SPOON, SINGLE.
 Fig. 109. SPOON, SINGLE.
 Fig. 110. SPUD, WALTON'S.
 Fig. 111. STRABISMUS HOOK.
 Fig. 112. STRABISMUS HOOK.
 Fig. 113. STRABISMUS HOOK, COWELL'S.
 Fig. 114. STRABISMUS HOOK, FOR STEADYING EYE-BALL.
 Fig. 115. SYRINGE, SUCTION, WALTON'S.
 Fig. 116. VECTIS, TAYLOR'S.

NEEDLES, PROBES, STYLES, SYRINGES, ETC.

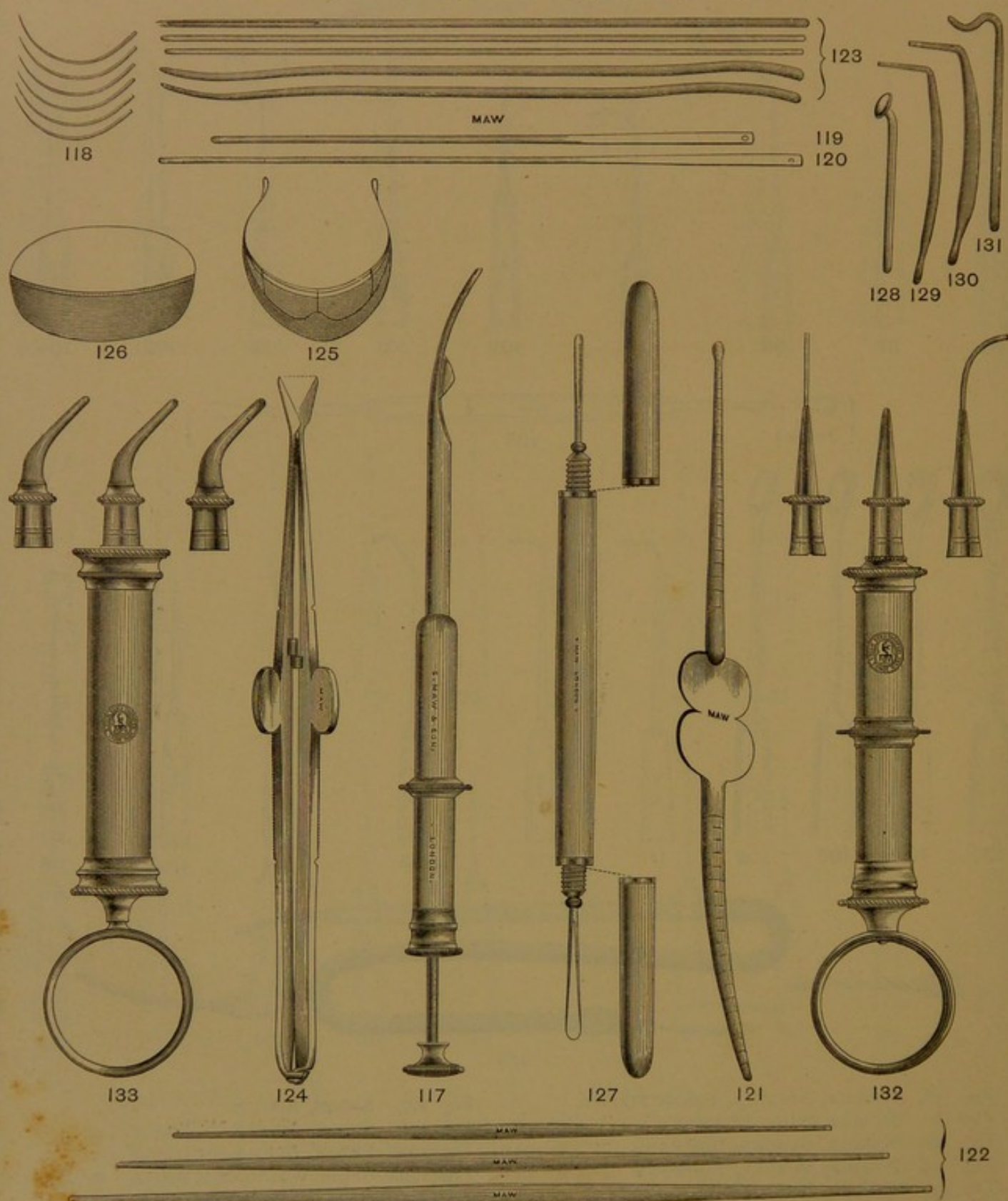
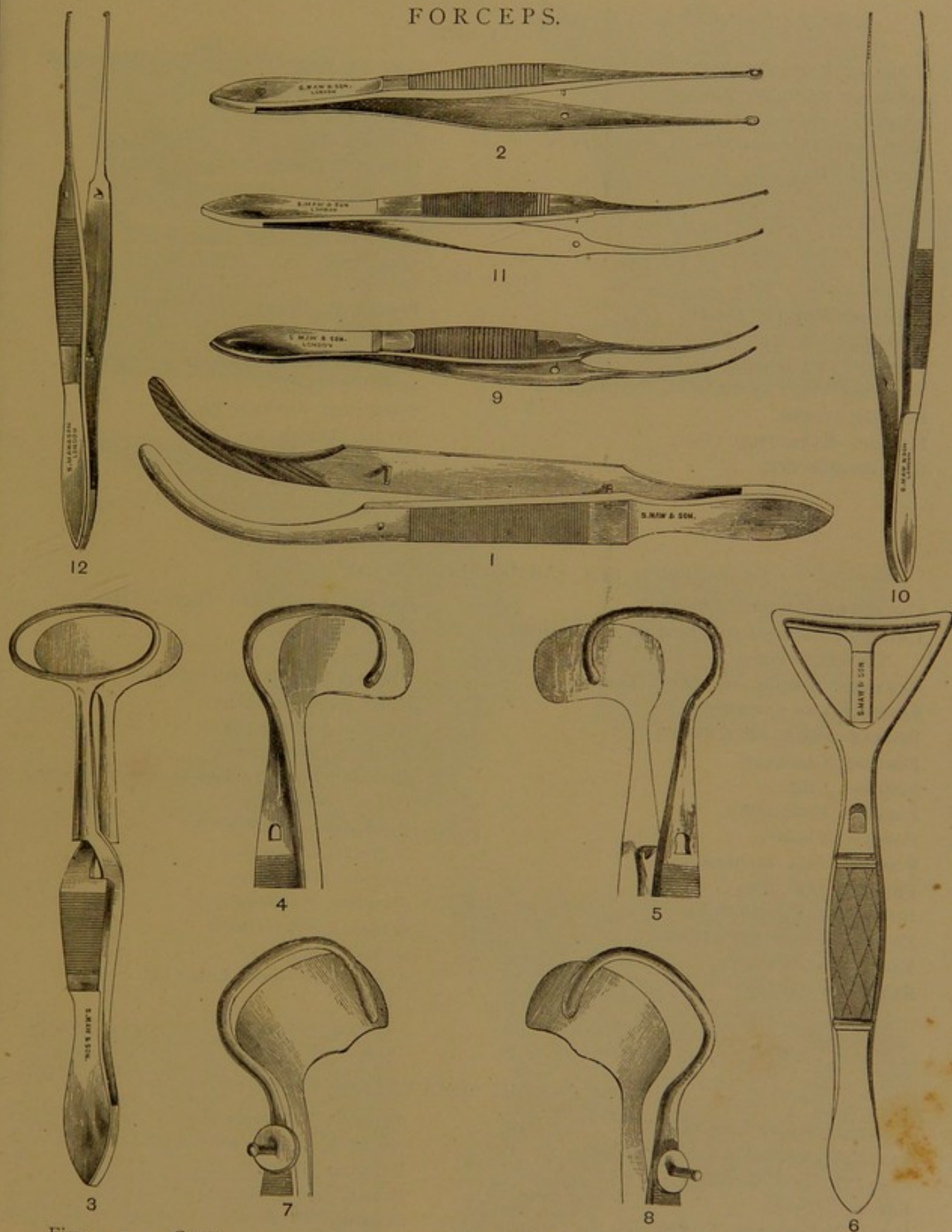


Fig. 117. KNIFE, LACHRYMAL.
 Fig. 118. NEEDLES.
 Fig. 119. PROBE, ANEL'S.
 Fig. 120. PROBE, ANEL'S.
 Fig. 121. PROBE, WEBER'S.
 Fig. 122. PROBES, WALTON'S.

Fig. 123. PROBES, BOWMAN'S (the Set
 with Critchett's Director).
 Fig. 124. SCISSORS, DE WECKER'S.
 Fig. 125. SHADE, CALKIN'S.
 Fig. 126. SHADE, PLAIN.
 Fig. 127. SPUD & SCOOP, WALTON'S.

Fig. 128. STYLE.
 Fig. 129. STYLE.
 Fig. 130. STYLE.
 Fig. 131. STYLE.
 Fig. 132. SYRINGE, ANEL'S.
 Fig. 133. SYRINGE, WALTON'S.

FORCEPS.



Figs. 1, 2. CILIA.
Figs. 3 to 8. ENTROPIUM.
Fig. 9. IRIS, CURVED.

Fig. 10. IRIS, STRAIGHT.
Fig. 11. IRIS, CURVED, TENACULUM POINTS.
Fig. 12. IRIS, STRAIGHT, TENACULUM POINTS.

FIG. 1 SET.

CATARACT KNIVES (Three).
 CATARACT NEEDLES (Four).
 CURETTE AND HOOK.
 DIRECTOR FOR CANALICULUS, CRITCHETT'S.
 FORCEPS, CILIA.

FORCEPS, IRIS.
 PROBES, BOWMAN'S.
 RETRACTOR, ADAMS'.
 SCISSORS (Two).
 TYRRELL'S HOOK.

FIG. 2 SET.

CATARACT KNIVES (Three).
 CATARACT NEEDLES (Six).
 CURETTE AND HOOK.
 DIRECTOR FOR CANALICULUS, CRITCHETT'S.
 FORCEPS (Three).
 FORCEPS, ENTROPIUM (Two).
 OPHTHALMOSCOPE.

PROBES, BOWMAN'S.
 RETRACTOR, WALTON'S.
 SCALPEL, DESMARRES'.
 SCISSORS (Three).
 SCOOP, FOR FOREIGN BODIES.
 STYLES (Three).
 SYRINGE, WALTON'S.

FIG. 3 SET.—ARMY REGULATION CASE.

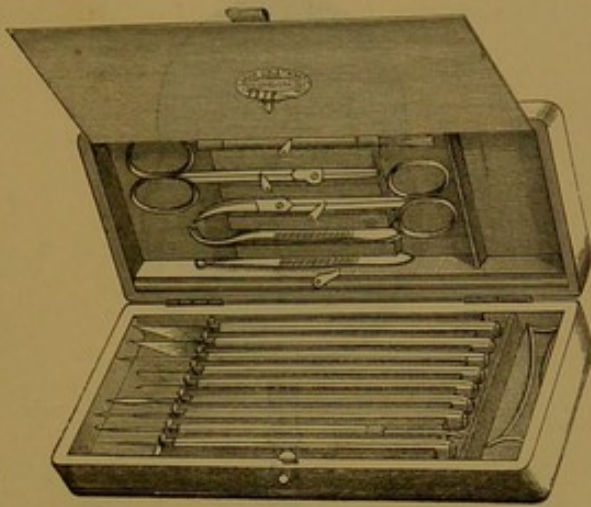
CANALICULUS KNIFE (WEBER'S).
 CATARACT KNIVES, FOR LINEAR OPERATION,
 GRAEFE'S (Four).
 CATARACT KNIVES, SICHELL'S (Two).
 CURETTE AND CYSTOTOME.
 DOUBLE SPOON, CRITCHETT'S.
 FORCEPS, CAPSULAR.
 FORCEPS, CILIA.
 FORCEPS, ENTROPIUM.
 FORCEPS, FIXING.
 FORCEPS, IRIS, LIEBREICH'S.
 FORCEPS, IRIS (Two).
 IRIS HOOK, PLATINUM.
 KNIFE, IRIDECTOMY, STRAIGHT.
 KNIFE, MACNAMARA'S.
 KNIFE, SECONDARY.

KNIVES, IRIDECTOMY, CURVED (Three).
 NEEDLE-HOLDER.
 NEEDLE, SCARPA'S.
 NEEDLE, SUTURE, HULKE'S.
 NEEDLES, BROAD (Two).
 NEEDLES, SHORT (Two).
 NEEDLES, STOP (Two).
 NEEDLES, SUTURE (Two Dozen), AND SILK.
 PROBES, BOWMAN'S.
 RETRACTORS (Three).
 SCISSORS, EXCISION.
 SCISSORS, IRIS (Two).
 SCISSORS, MAUNOIR'S.
 SCISSORS, STRABISMUS.
 SPOON, BOWMAN'S.
 STRABISMUS HOOK, COWELL'S.

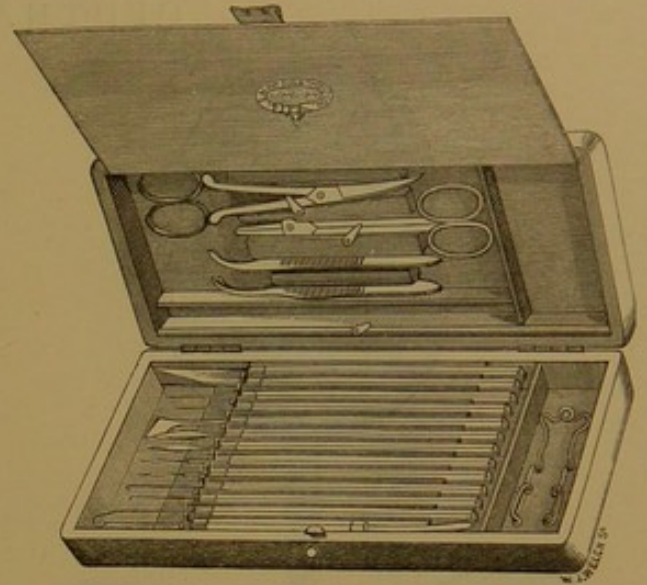
FIG. 4 SET.—ARMY REGULATION CASE.

CATARACT KNIFE, SICHELL'S.
 CATARACT KNIVES, GRAEFE'S (Two).
 CURETTE AND CYSTOTOME.
 FORCEPS (Two).
 KNIFE, IRIDECTOMY, CURVED.
 KNIFE, PUNCTUM, BOWMAN'S.
 LENS HOOK.

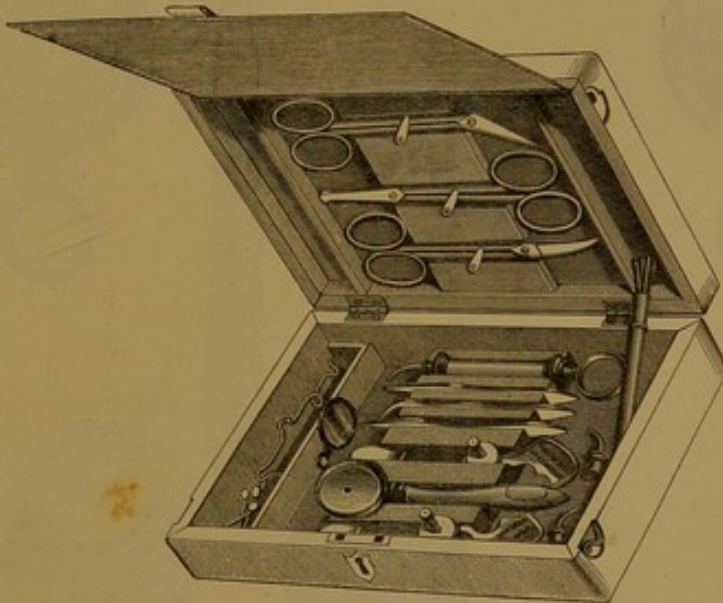
NEEDLES, CATARACT (Two).
 NEEDLES, STOP (Two).
 NEEDLES, SUTURE.
 RETRACTOR.
 SCISSORS (Two).
 STRABISMUS HOOK.
 TYRRELL'S HOOK.



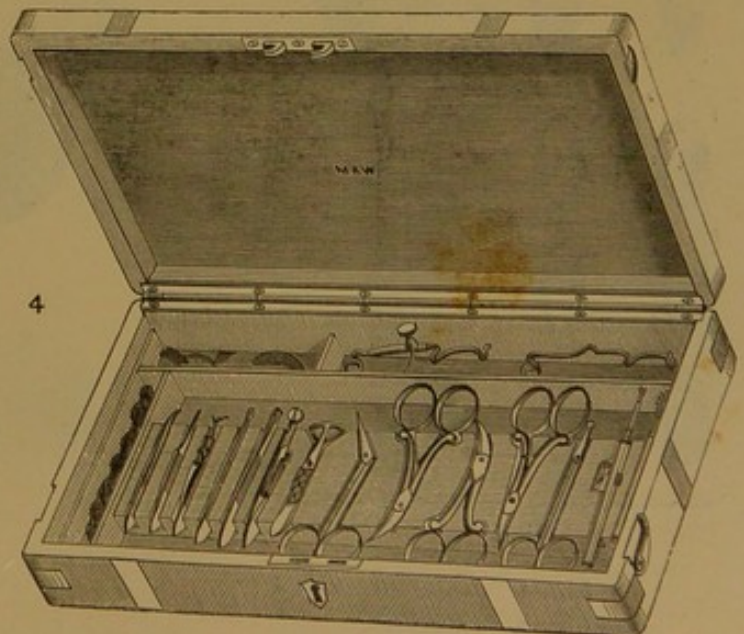
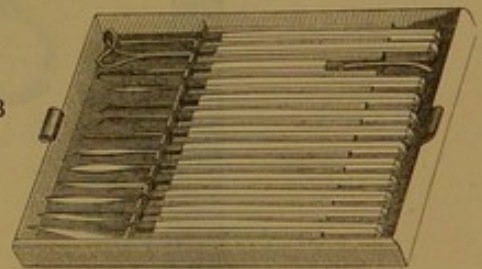
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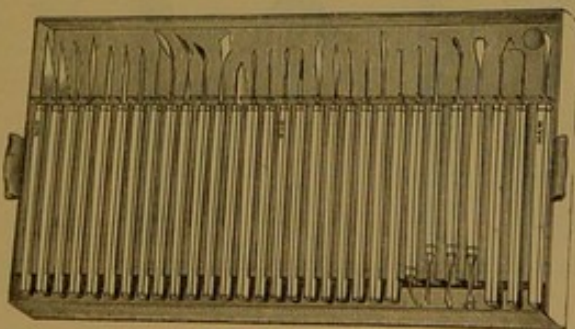
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4



OPHTHALMOSCOPES.

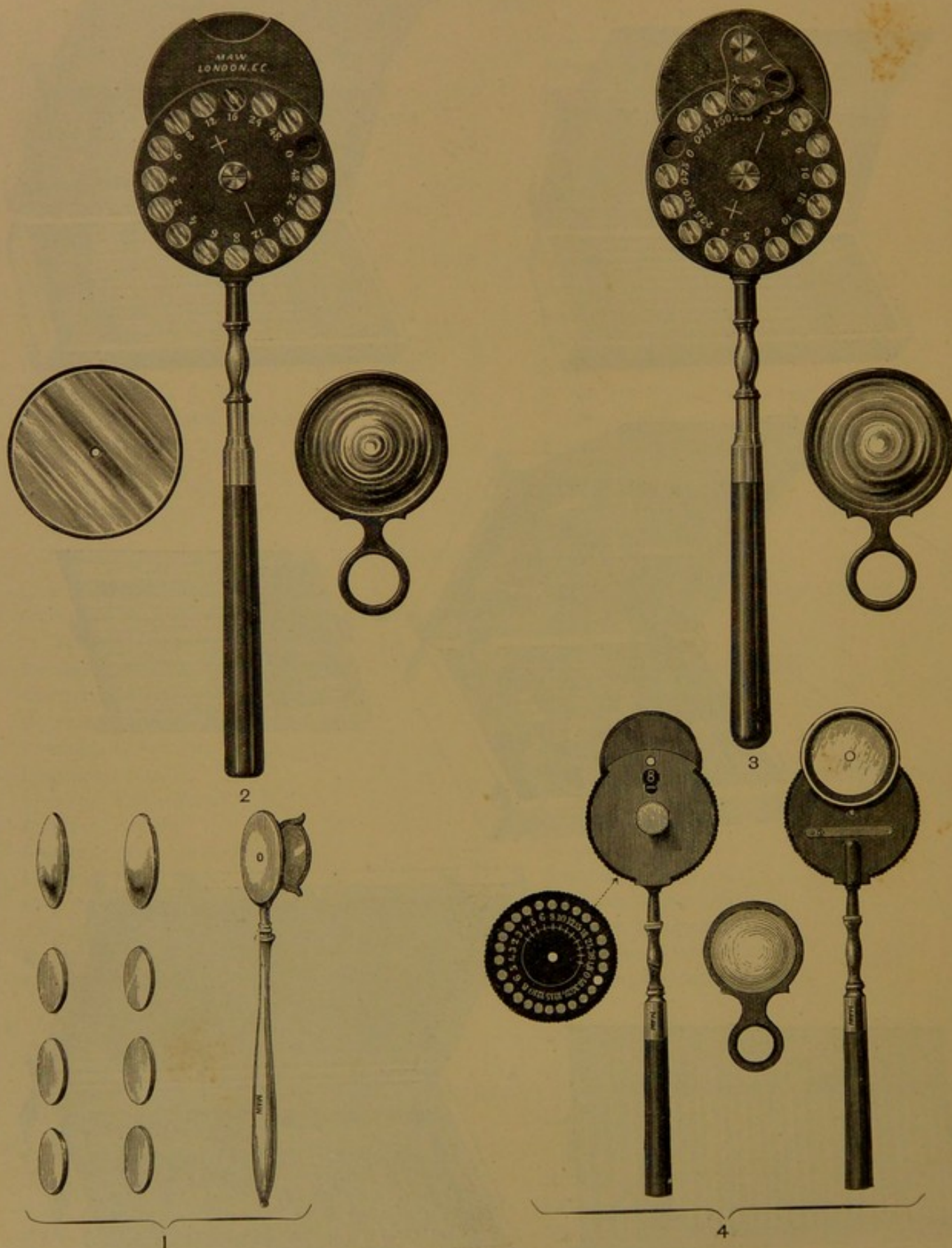


Fig. 1. LIEBREICH'S.

Fig. 2. LORING'S.

Fig. 3. MEYER'S.

Fig. 4. WECKER'S.

OPHTHALMOSCOPES (Continued).

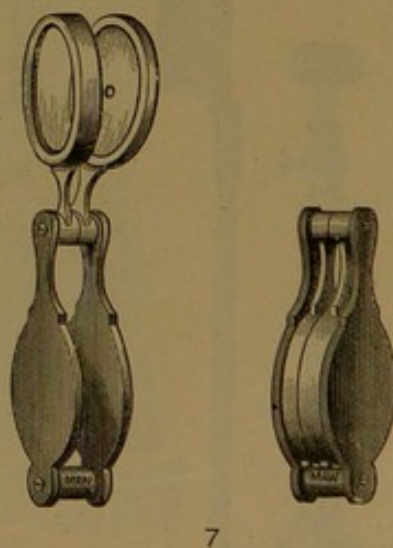
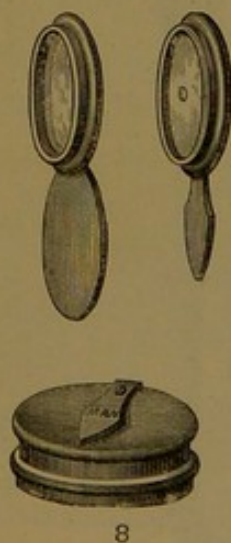
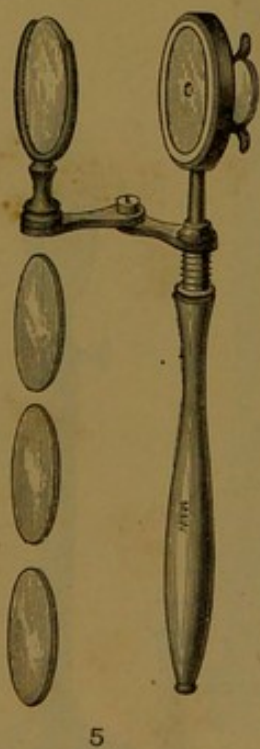
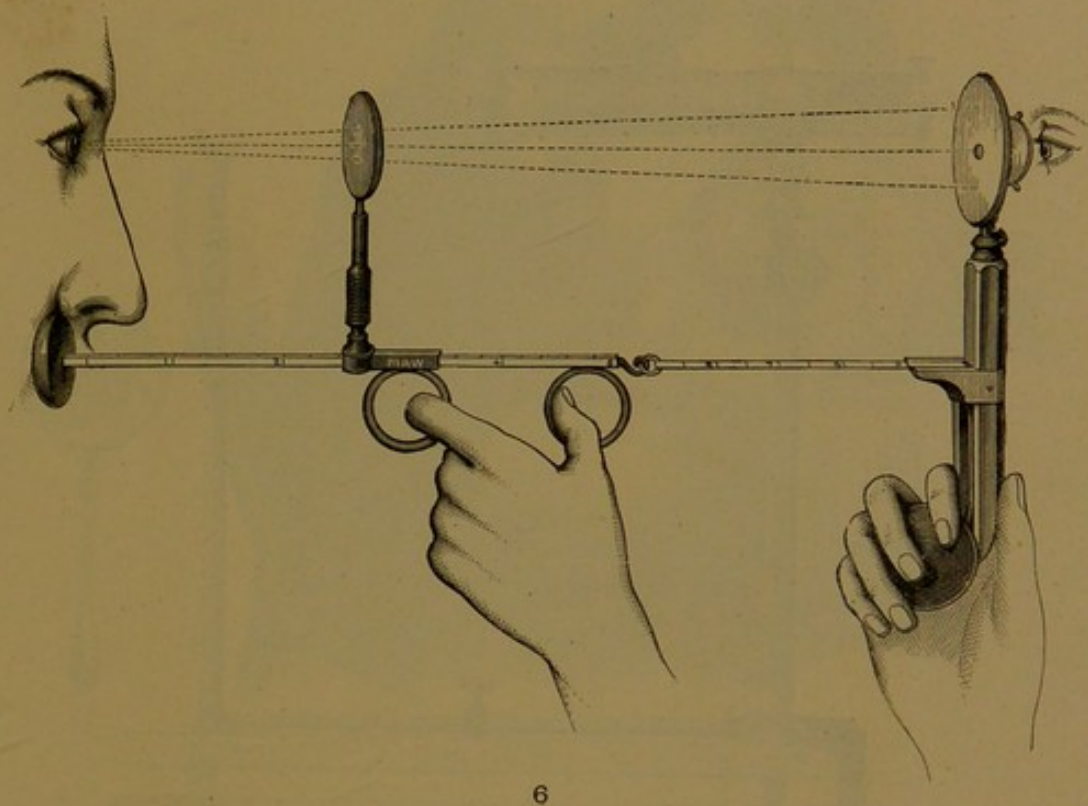
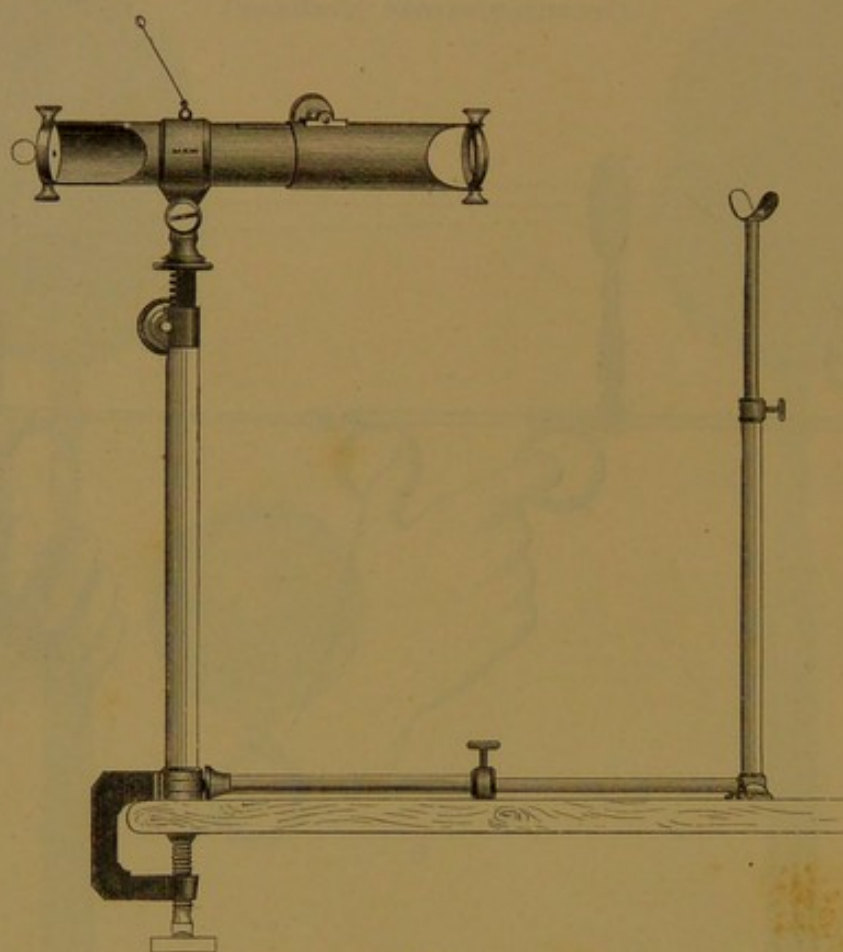


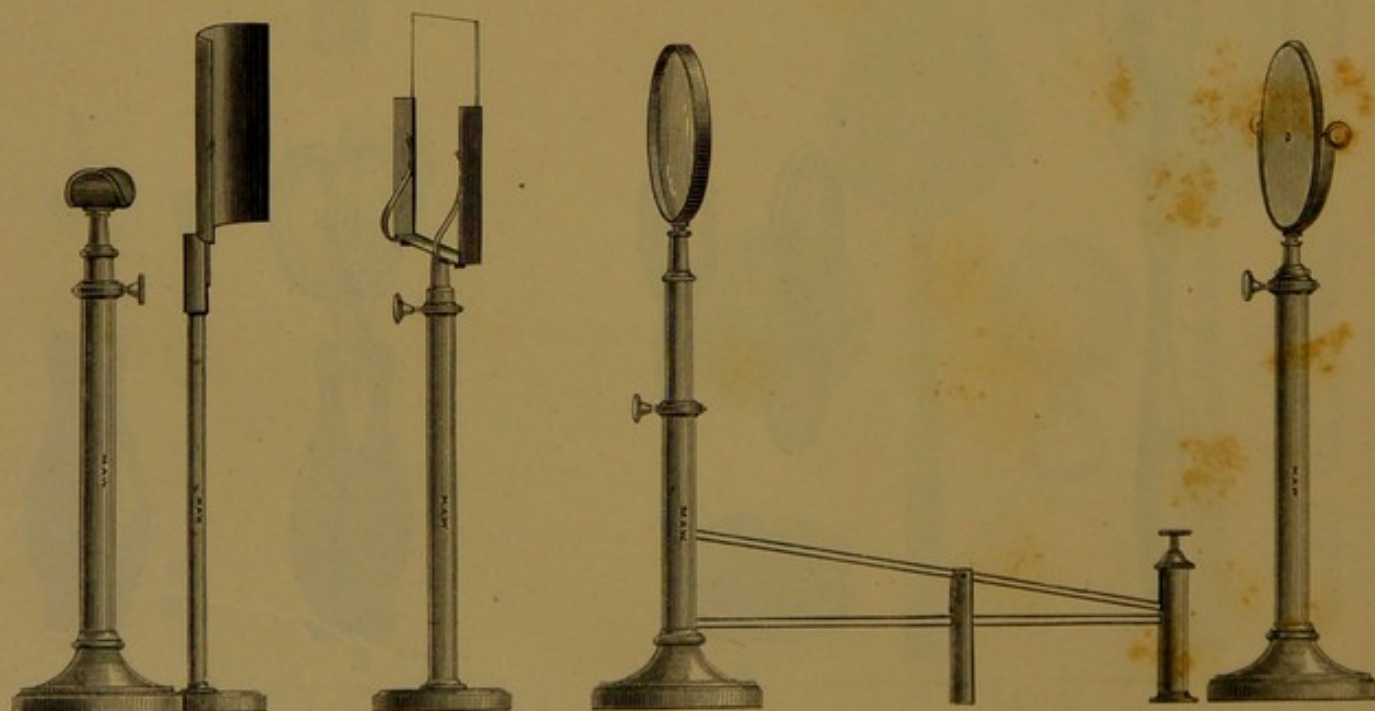
Fig. 5. COCCIUS'.
Fig. 6. GREENWAY'S.

Fig. 7. MAW'S.
Fig. 8. POCKET.

OPHTHALMOSCOPES (Continued).



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Fig. 9. DEMONSTRATION, FOLLIN'S.

Fig. 10. DEMONSTRATION.

OPHTHALMOSCOPE, LAMP, TEST GLASSES, ETC.

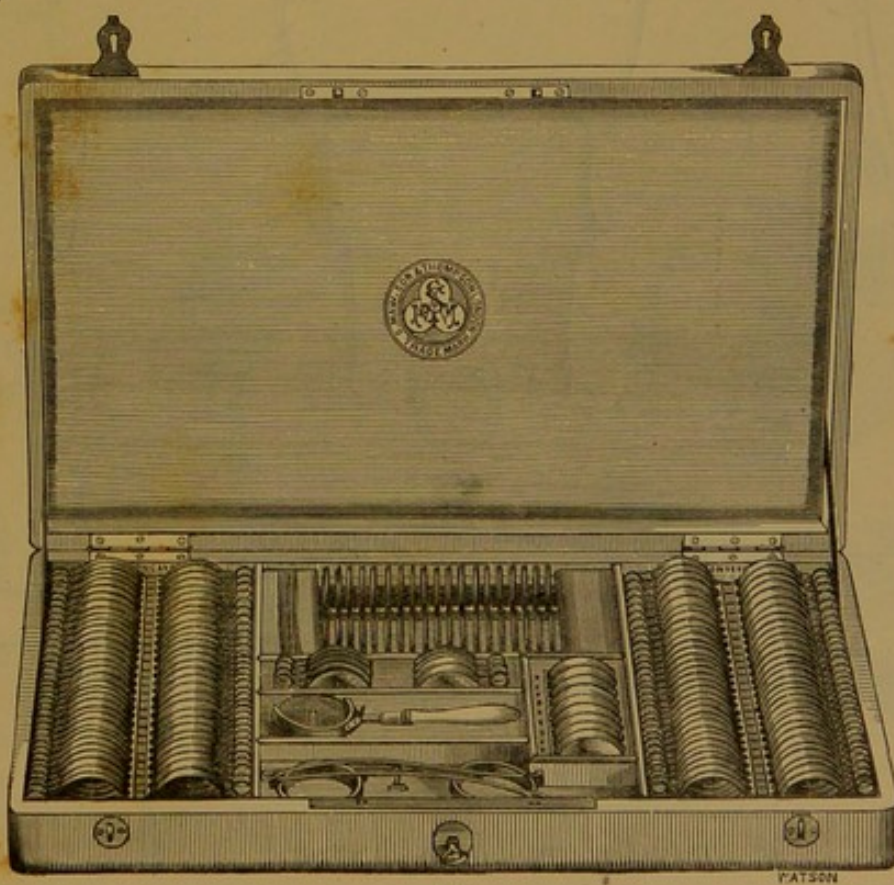
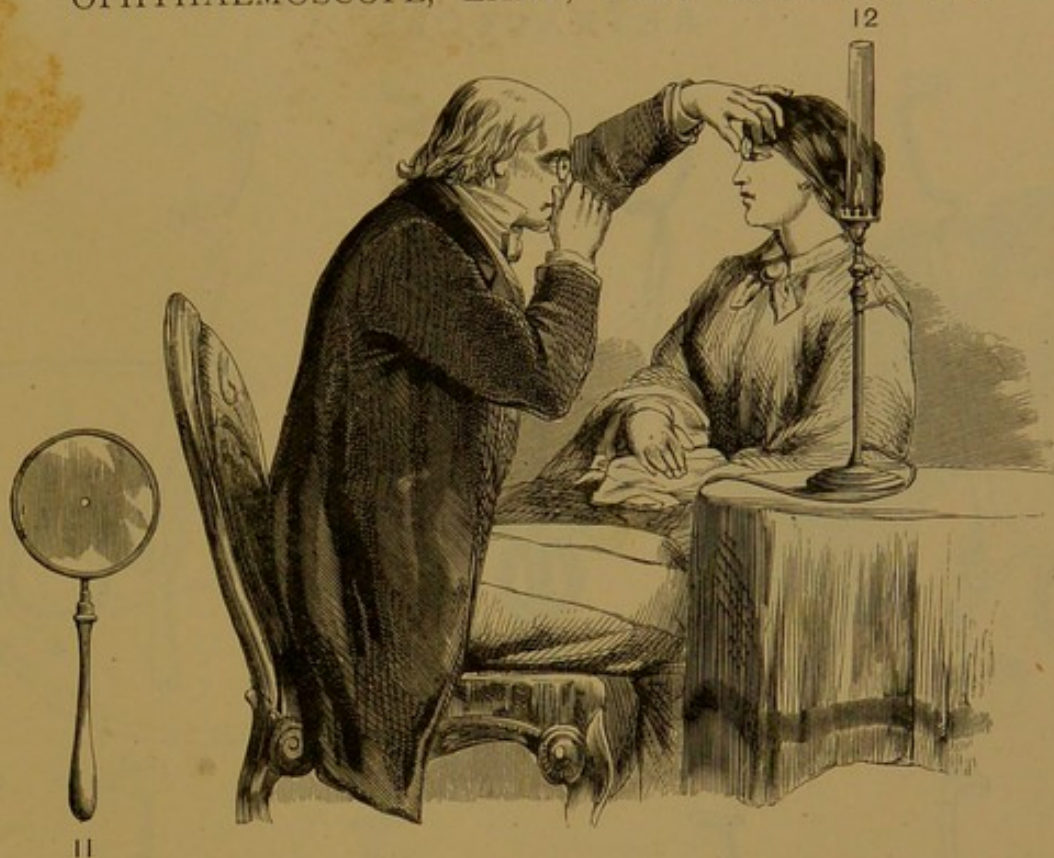


Fig. 11. OPTHALMOSCOPE.
Fig. 12. OPTHALMOSCOPE LAMP.
Fig. 13. TEST GLASSES, comprising: Four Bands of Coloured Glasses; Twenty-four Cylindrical Glasses; divided Spectacle Frame; Four Accessories; Measure; Eight Prismatic Glasses; Fifty Spherical Concave Glasses; Fifty Spherical Convex Glasses.

RETRACTORS.

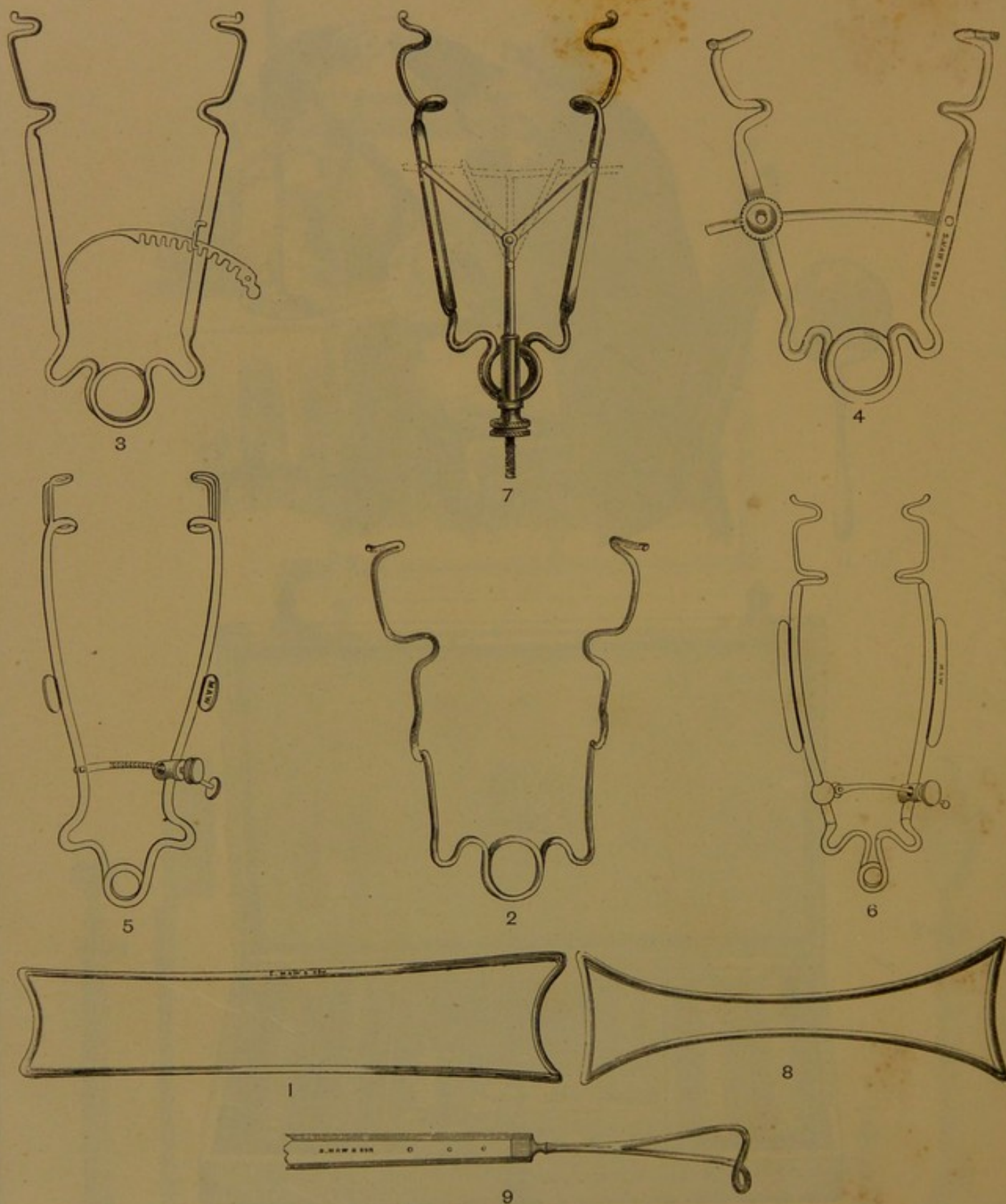
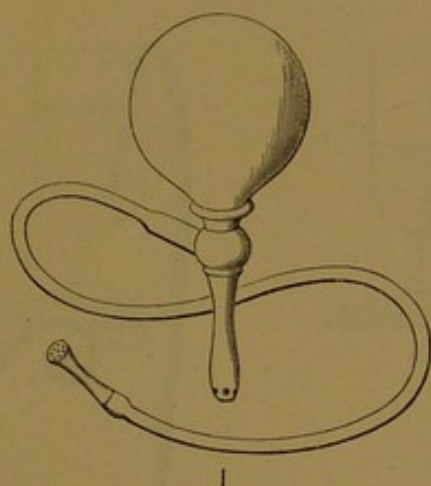


Fig. 1. ADAMS'.
 Fig. 2. BOWMAN'S.
 Fig. 3. CRITCHETT'S.

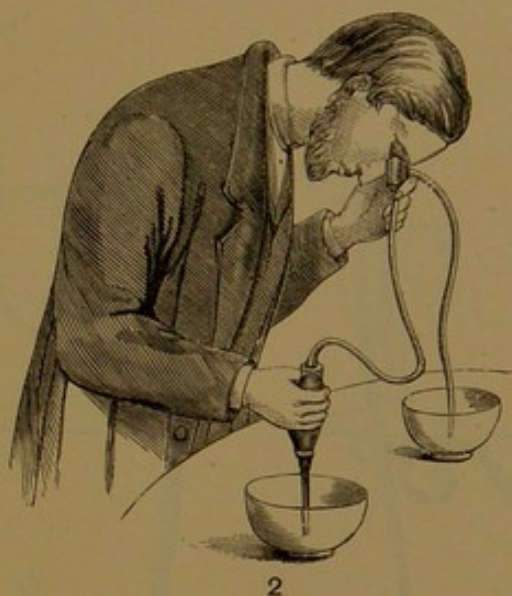
Fig. 4. CRITCHETT'S.
 Fig. 5. GRAEFE'S.
 Fig. 6. LAWRENCE'S.

Fig. 7. MAW'S.
 Fig. 8. PILCHER'S.
 Fig. 9. WALTON'S.

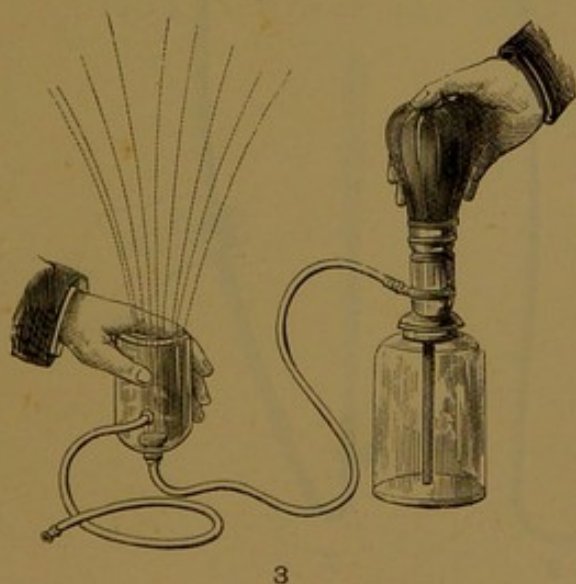
DOUCHES.



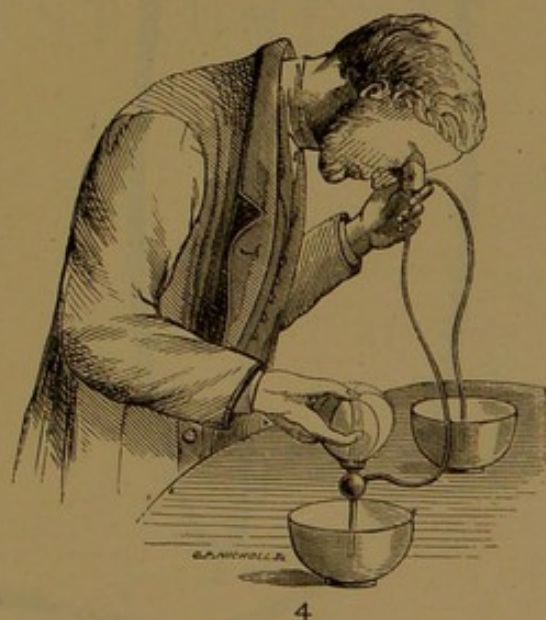
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2



3



4

Fig. 1. BOWMAN'S.

Fig. 2. MAW'S DOUBLE-ACTION.

Fig. 3. MAW'S DOUBLE-ACTION.

Fig. 4. MAW'S SINGLE-ACTION.

DOUCHES (Continued).

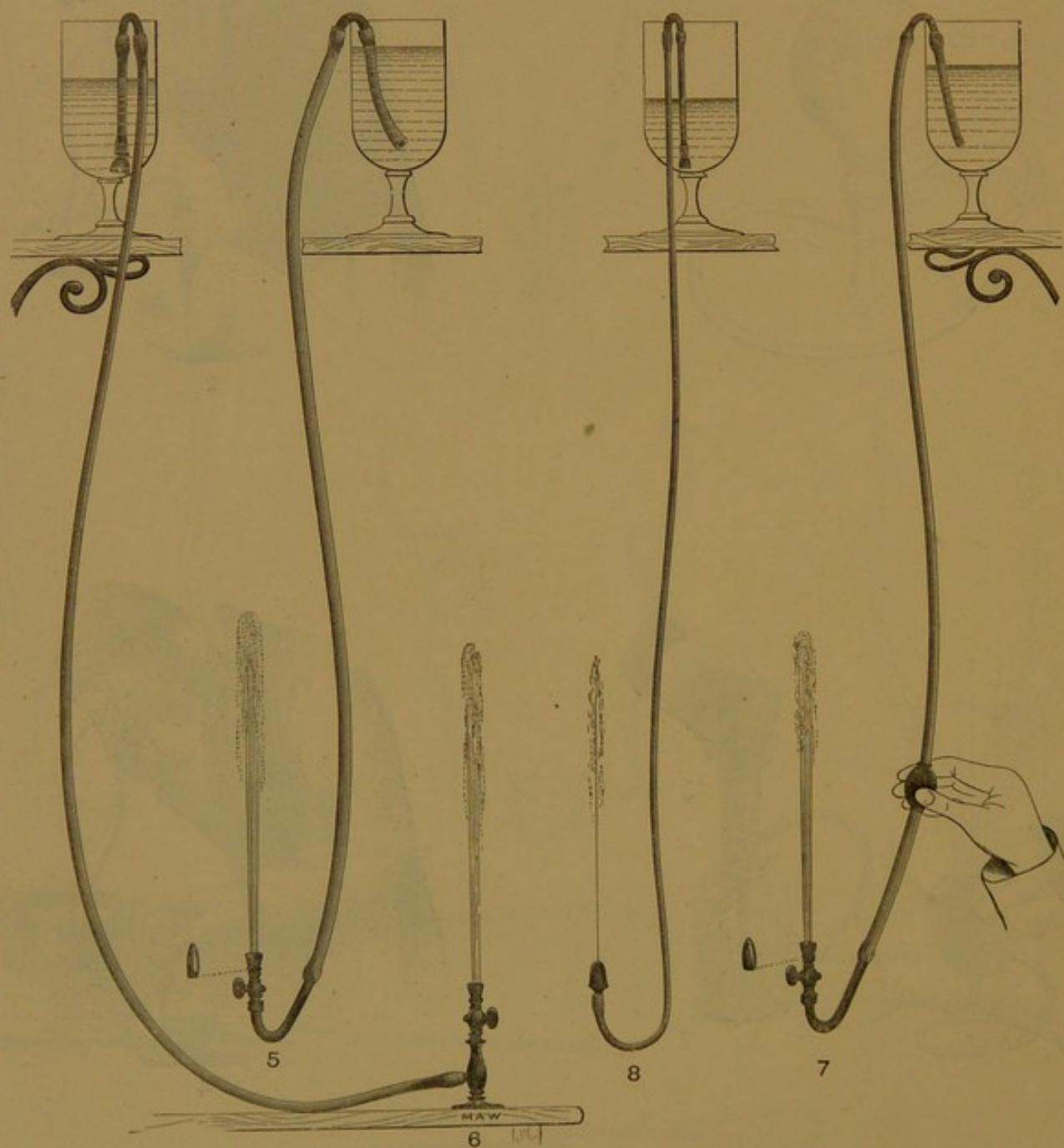


Fig. 5. SYPHON, WITH NOSE JET, GRAEFE'S.

Fig. 6. SYPHON, MAW'S.

Fig. 7. SYPHON, WITH NOSE JET.

Fig. 8. SYPHON, WEBER'S.

SECTION V.



EAR AND NOSE INSTRUMENTS.

CONTENTS OF SECTION V.

AIR DOUCHE.
ALLEN'S BAG.
BREATH INTERCEPTER.
EAR CHANNELS.
EAR DOUCHES.
EAR SYRINGES.
EAR TROUGH.
ÉCRASEUR.
EUSTACHIAN SPRAYS.
EUSTACHIAN TUBES.
FORCEPS, EAR.
FORCEPS, LEVER.
FORCEPS, NOSE.

FORCEPS FOR WOOL.
FRONTAL BAND AND MIRROR.
GLASS ROD.
GRUBER'S KNIFE.
HEARING APPARATUS.
HOOK.
IODINE SPRAY.
LAMP AND CONDENSING LENS.
MIRROR.
NOSE CANULAS.
NOSE DILATORS.
NOSE DOUCHES.
NOSE TUBES.

OTOSCOPES.
POLITZER'S BAG.
PROUT'S KNIFE.
RHINOSCOPE MIRRORS.
SCOOP.
SCOOP AND HOOK.
SCOOP AND SCREW.
SHARP HOOK.
SNARE.
SOUND FORKS.
SPECULUMS.
TYMPANUMS.
WEBER'S KNIFE.

OTOSCOPES FOR DIAGNOSIS.

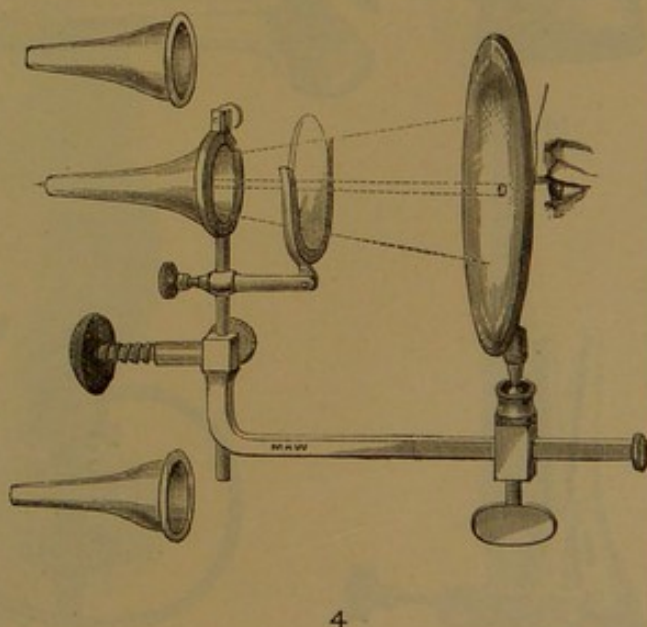
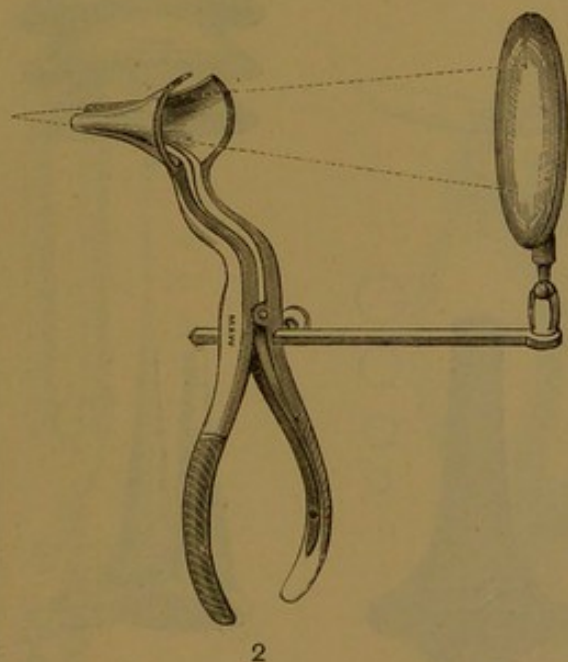
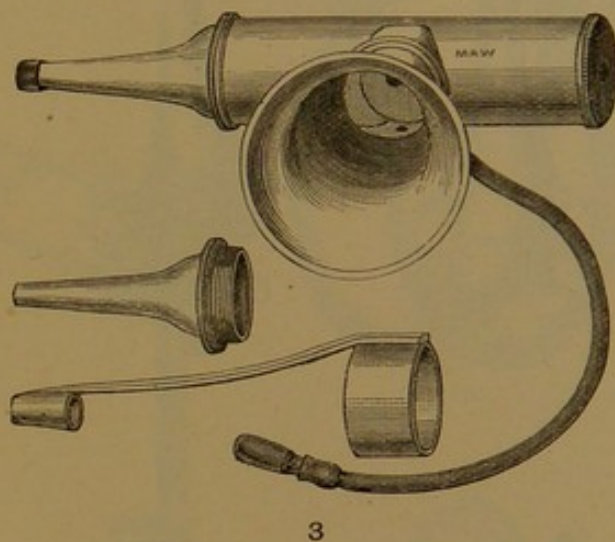
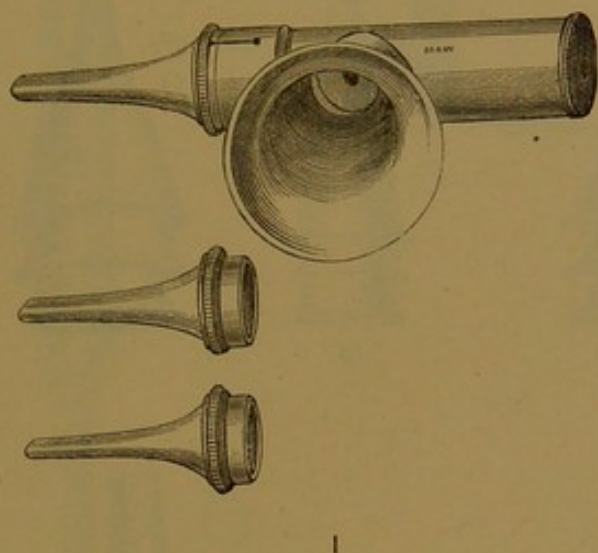


Fig. 1. BRUNTON'S.

Fig. 2. MIOT'S.

Fig. 3. VOLTOLINI'S, PNEUMATIC.

Fig. 4. WEBER'S.

SPECULUMS FOR DIAGNOSIS.

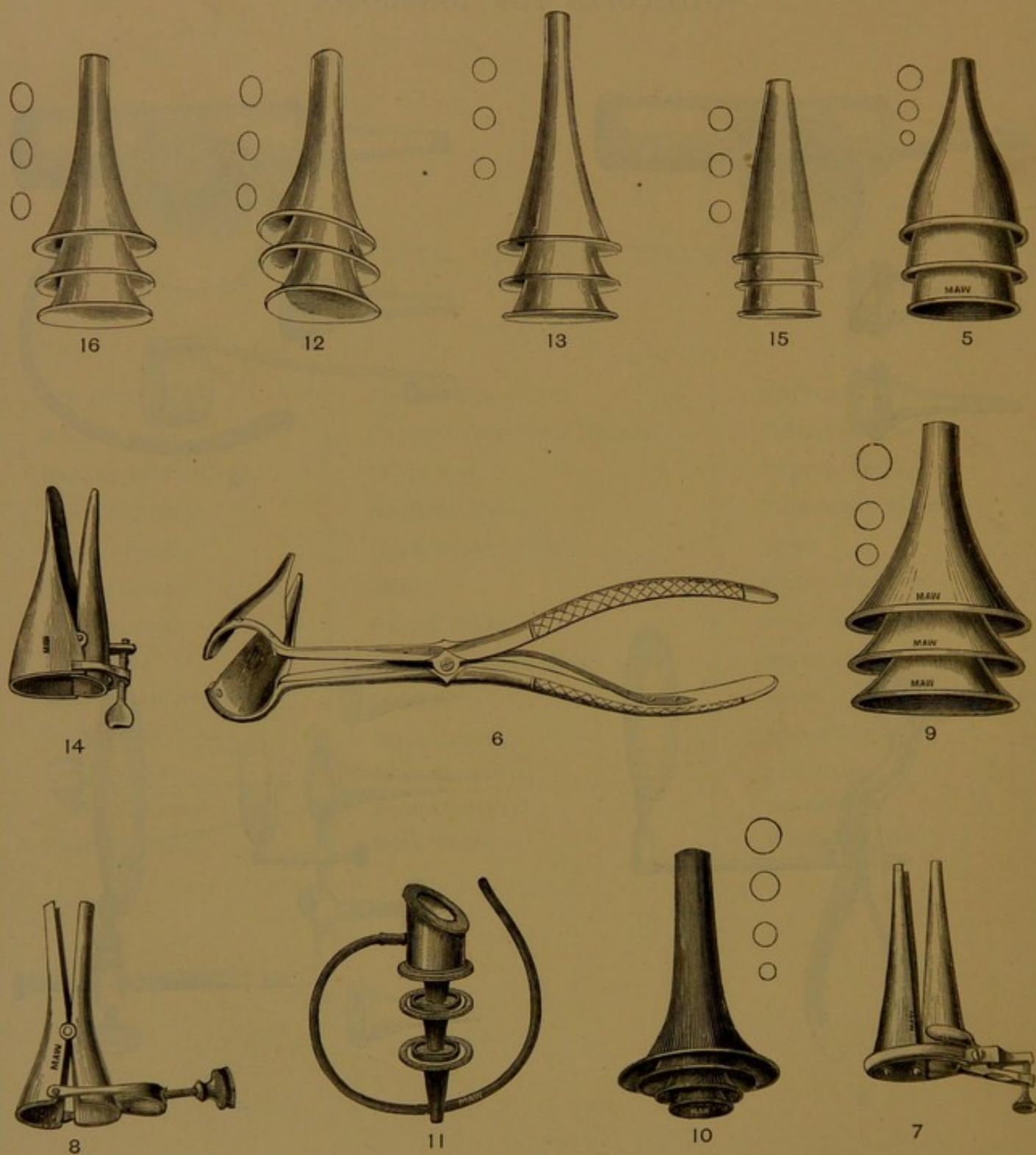


Fig. 5. GRUBER'S.

Fig. 6. KRAMER'S.

Fig. 7. MAW'S.

Fig. 8. MAW'S.

Fig. 9. NICHOLL'S.

Fig. 10. POLITZER'S.

Fig. 11. SIEGLE'S.

Fig. 12. TOYNBEE'S.

Fig. 13. TURNER'S.

Fig. 14. WOAKE'S.

Fig. 15. WYLDE'S.

Fig. 16. YEARSLEY'S.

FOR DIAGNOSIS.

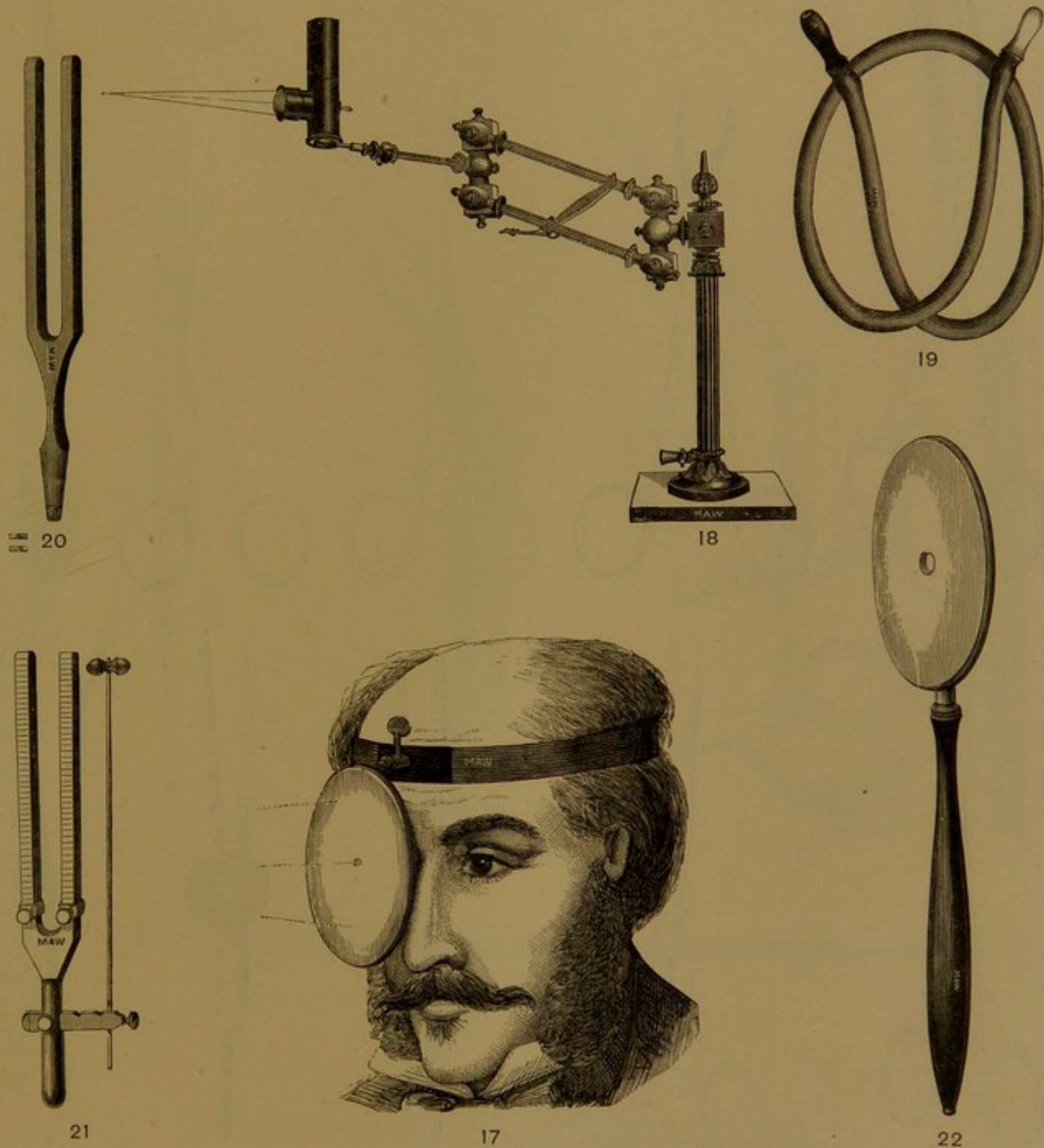


Fig. 17. FRONTAL BAND AND MIRROR.

Fig. 18. LAMP AND CONDENSING LENS.

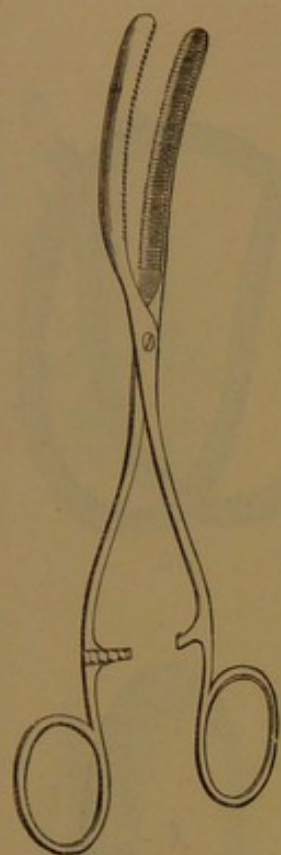
Fig. 19. OTOSCOPE, TOYNBEE'S.

Fig. 20. SOUND FORK.

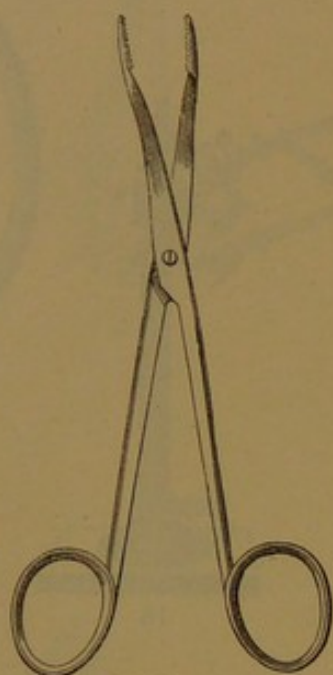
Fig. 21. SOUND FORK, "BLAKES'."

Fig. 22. VON TROELTSCH'S MIRROR.

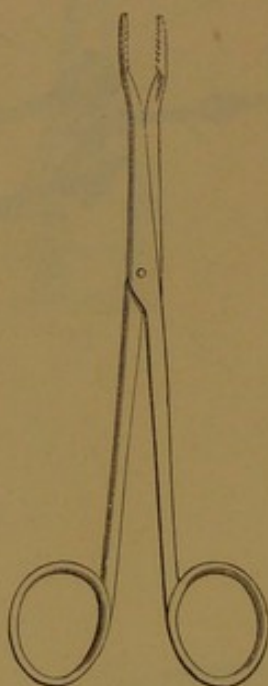
FOR THE EXTRACTION OF FOREIGN BODIES,
POLYPUS, ETC.



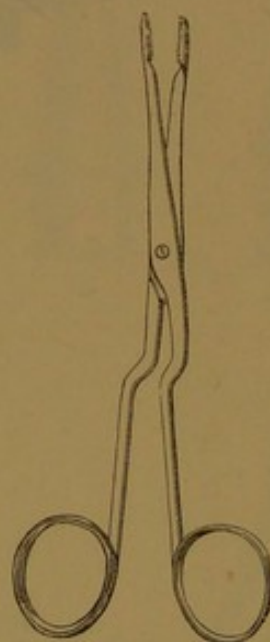
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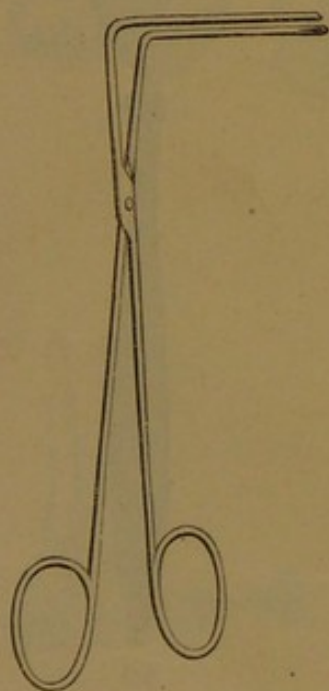
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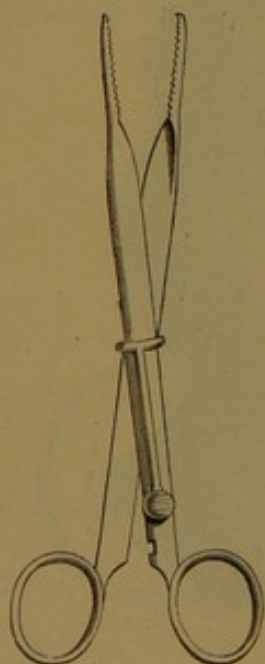
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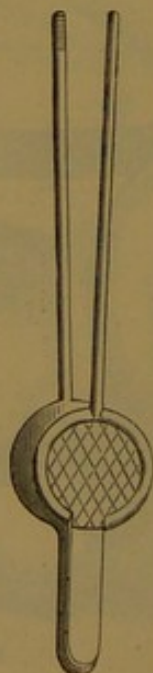
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- Fig. 23. FORCEPS FOR FOREIGN BODIES.
 Fig. 24. FORCEPS FOR FOREIGN BODIES.
 Fig. 25. FORCEPS FOR FOREIGN BODIES, TOYNBEE'S.
 Fig. 26. FORCEPS FOR POLYPUS OF THE EAR.
 Fig. 27. FORCEPS FOR POLYPUS OF THE EAR.

- Fig. 28. FORCEPS FOR POLYPUS OF THE EAR.
 Fig. 29. FORCEPS FOR POLYPUS OF THE NOSE.
 Fig. 30. FORCEPS FOR POLYPUS OF THE NOSE.
 Fig. 31. FORCEPS FOR THE APPLICATION OF WOOL.
 Fig. 32. FORCEPS FOR THE APPLICATION OF WOOL.

FOR THE EXTRACTION OF FOREIGN BODIES, POLYPUS, ETC. (*Continued*).

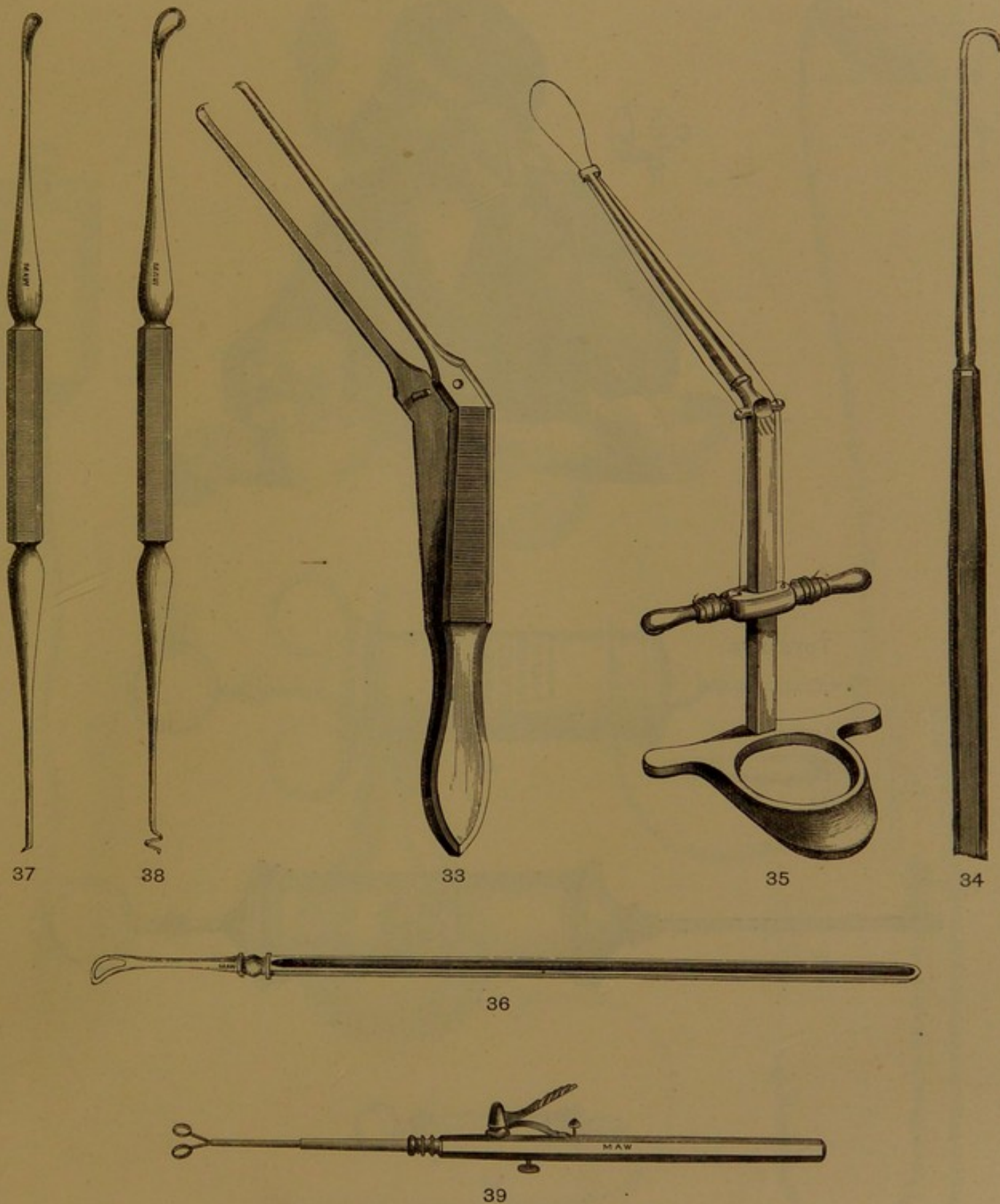


Fig. 33. FORCEPS, THOMAS'.

Fig. 34. SHARP HOOK, THOMAS'.

Fig. 35. SNARE, THOMAS'.

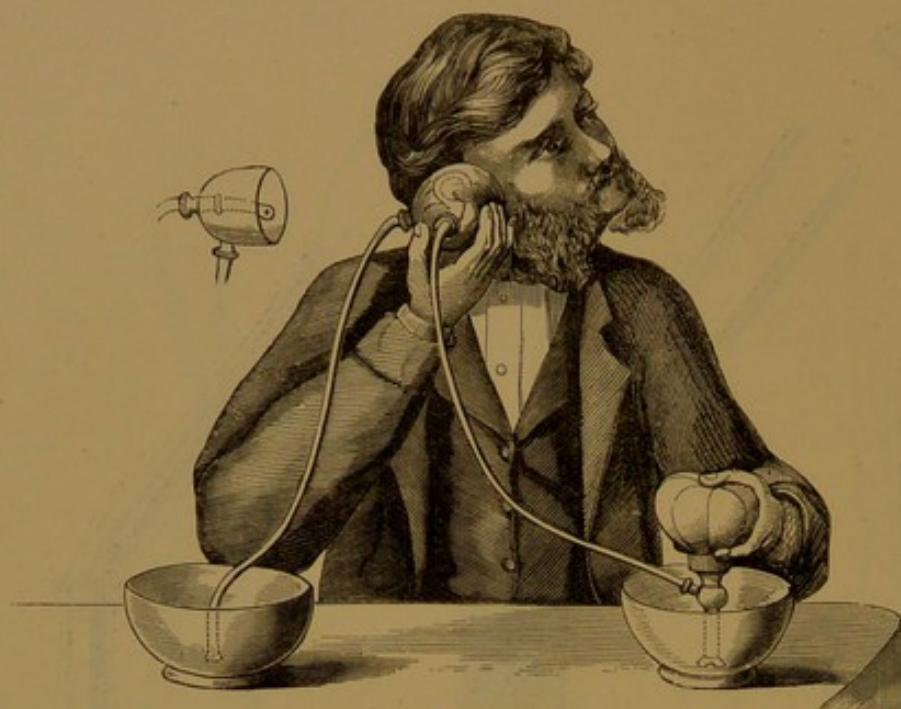
Fig. 36. SCOOP.

Fig. 37. SCOOP AND HOOK.

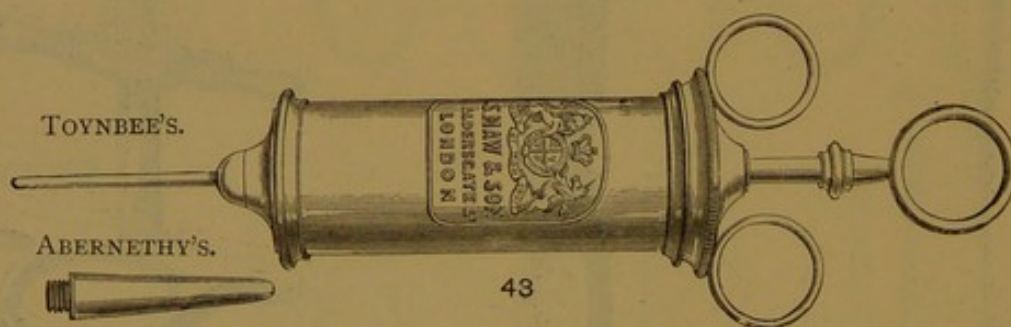
Fig. 38. SCOOP AND SCREW.

Fig. 39. TOYNBEE'S LEVER FORCEPS.

FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC.



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- Fig. 40. ALLEN'S SYRINGE.
 Fig. 41. SAVORY AND MOORE'S DOUCHE.
 Fig. 42. SIMS' SYRINGE.
 Fig. 43. TOYNBEE'S OR ABERNETHY'S SYRINGE.

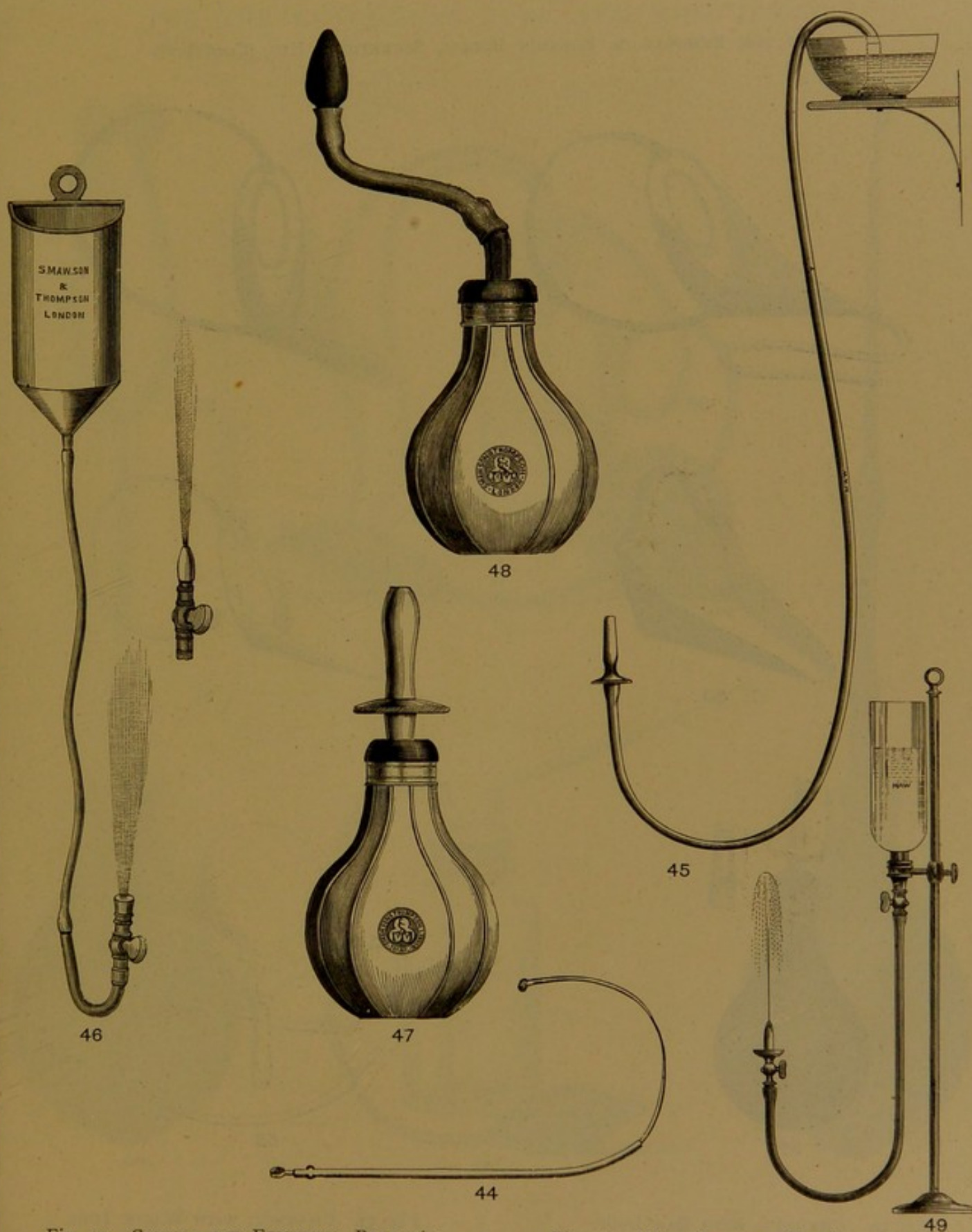
FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC. (*Continued*).

Fig. 44. CANULA FOR EPISTAXIS, BELLOC'S.

Fig. 45. NOSE DOUCHE.

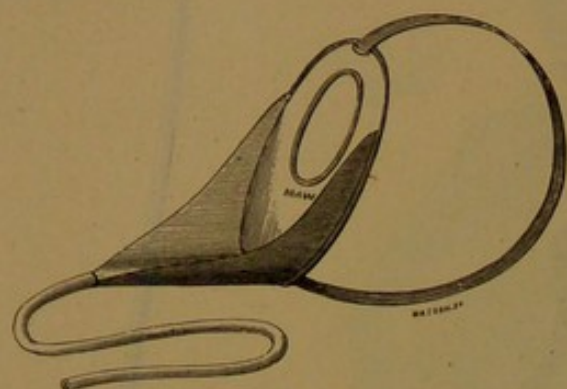
Fig. 46. NOSE DOUCHE, MAW'S.

Fig. 47. NOSE SYRINGE, MAW'S.

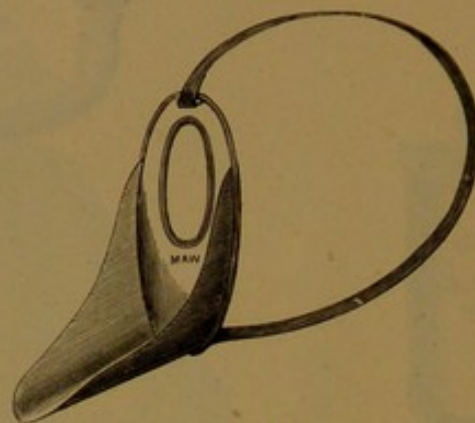
Fig. 48. NOSE SYRINGE, POLITZER'S.

Fig. 49. NOSE SYRINGE, PROSSER JAMES'.

FOR THE REMOVAL OF FOREIGN BODIES, SECRETIONS, ETC. (*Continued*).



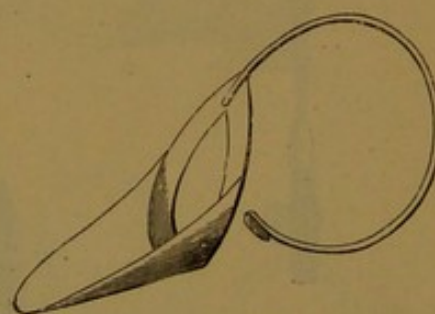
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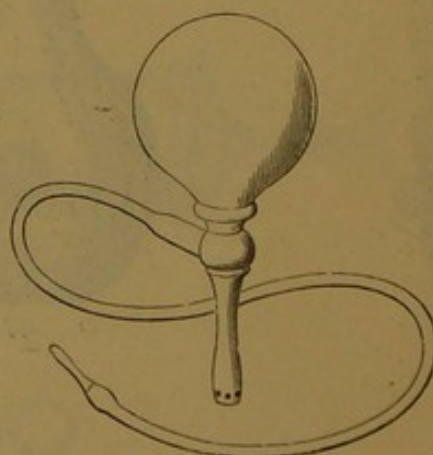
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Fig. 50. CHANNEL, WITH EAR LOOP.

Fig. 51. CHANNEL, WITH HEAD SPRING.

Fig. 52. CHANNEL, WITH HEAD BAND.

Fig. 53. CHANNEL, WITH WASTE TUBE.

Fig. 54. INDIA-RUBBER SYRINGE.

Fig. 55. INDIA-RUBBER SYRINGE, MAW'S.

FOR THE EUSTACHIAN TUBE AND MIDDLE EAR.

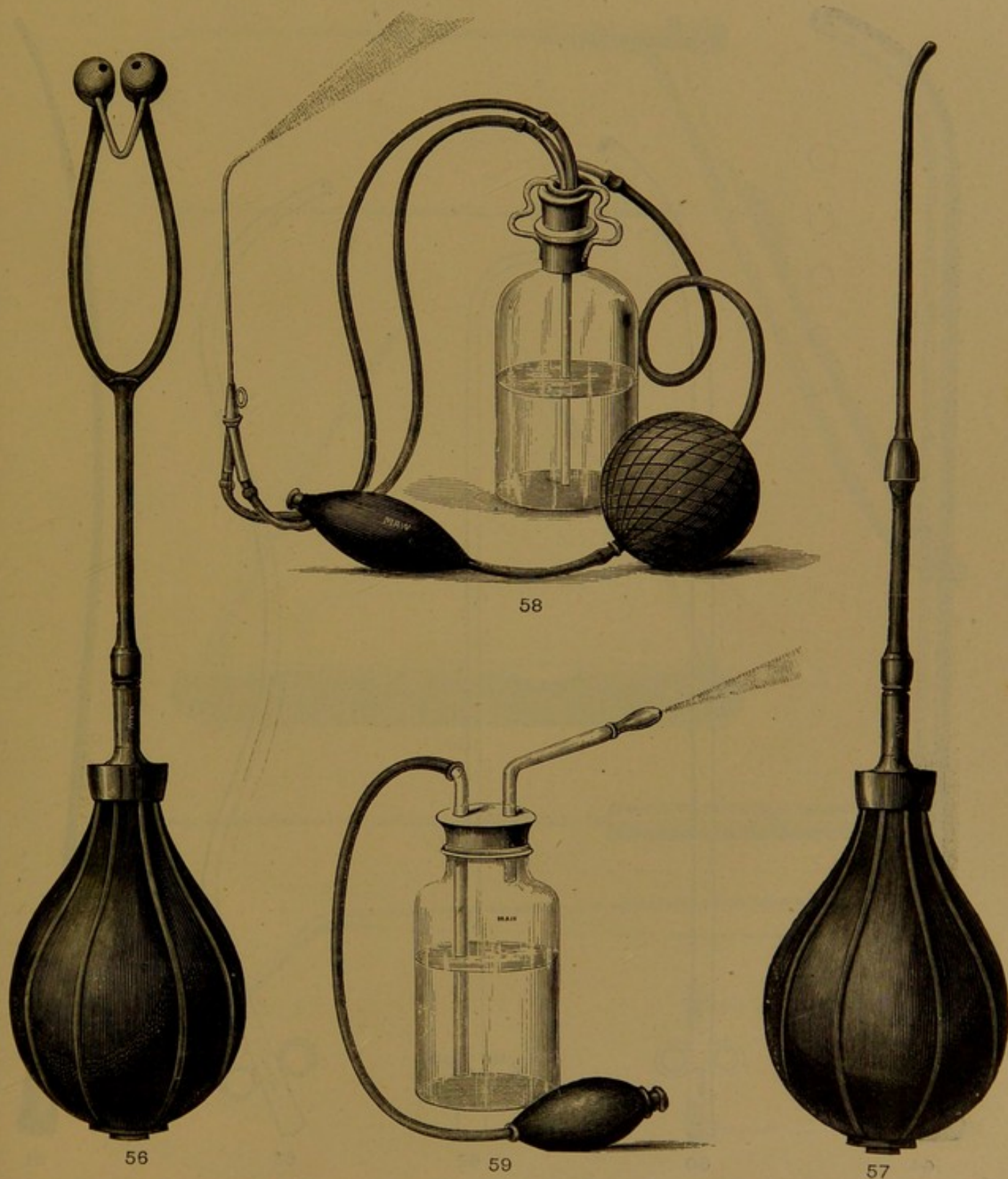


Fig. 56. ALLEN'S AIR BAG.

Fig. 57. POLITZER'S AIR BAG.

Fig. 58. SPRAY FOR THE EUSTACHIAN TUBE.

Fig. 59. SPRAY FOR THE VAPOUR OF IODINE.

EUSTACHIAN TUBES.

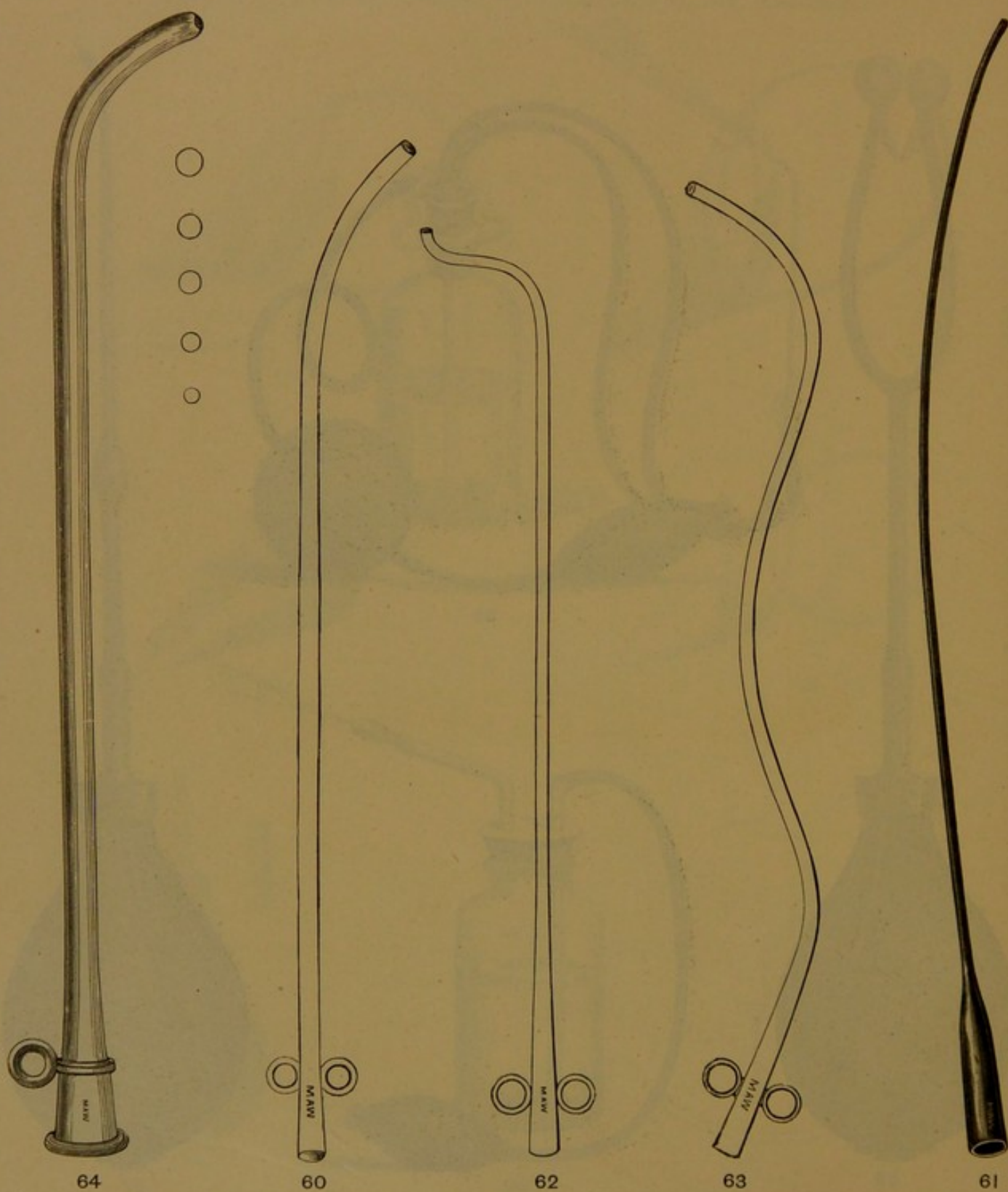


Fig. 60. KRAMER'S.
Fig. 61. MAW'S.

Fig. 62. NOVES'.
Fig. 63. PILCHER'S.

Fig. 64. POLITZER'S.

FOR OPERATIONS ON THE TYMPANUM.

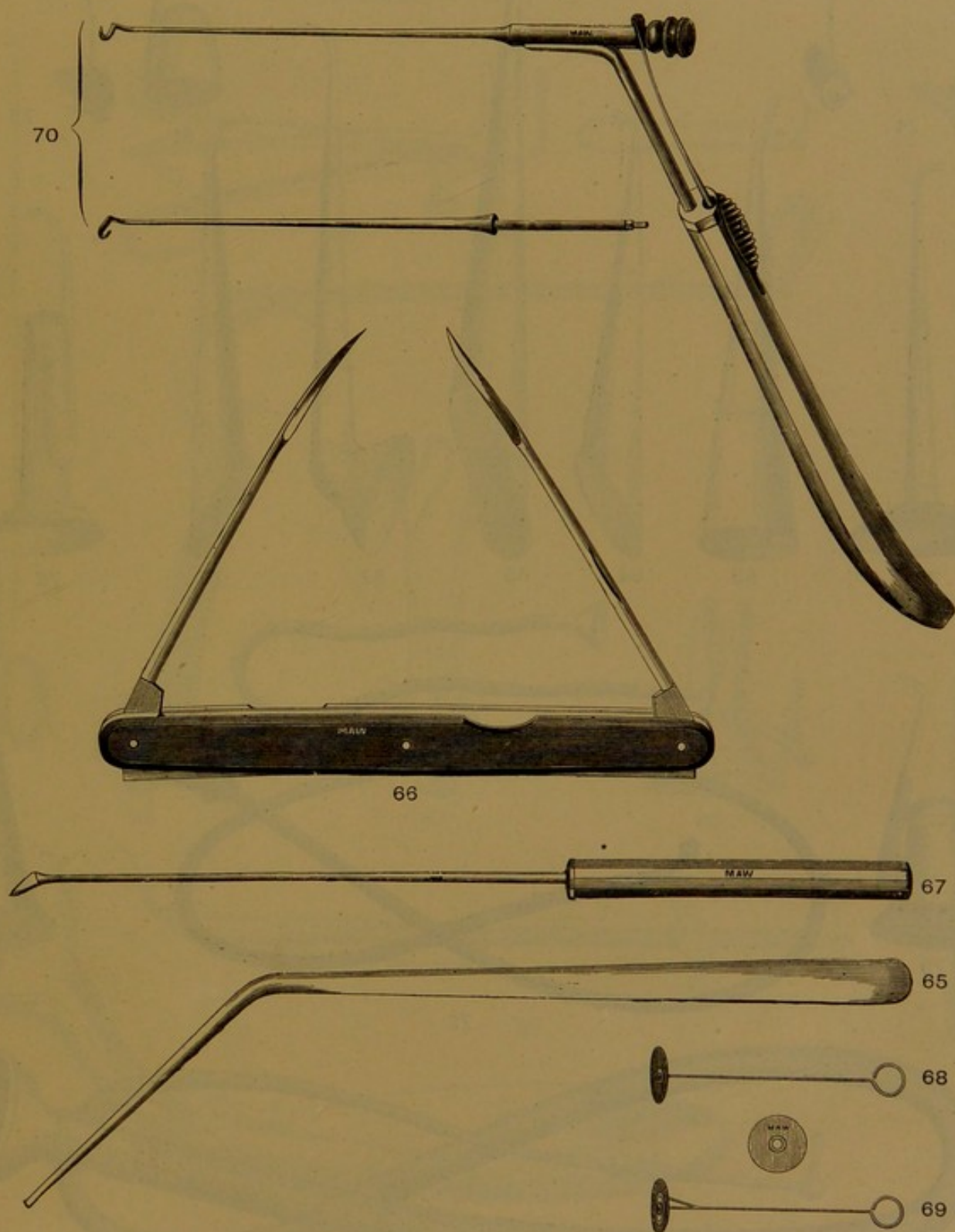


Fig. 65. GLASS ROD, FOR ACIDS.
 Fig. 66. GRUBER'S KNIFE.
 Fig. 67. PROUT'S KNIFE, FOR DIVIDING
 ADHESIONS.

Fig. 68. TOYNBEE'S TYMPANUM.
 Fig. 69. TOYNBEE'S TYMPANUM, DOUBLE RING.
 Fig. 70. WEBER'S KNIFE, FOR DIVIDING THE
 TENSOR TYMPANUM.

HEARING APPARATUS.

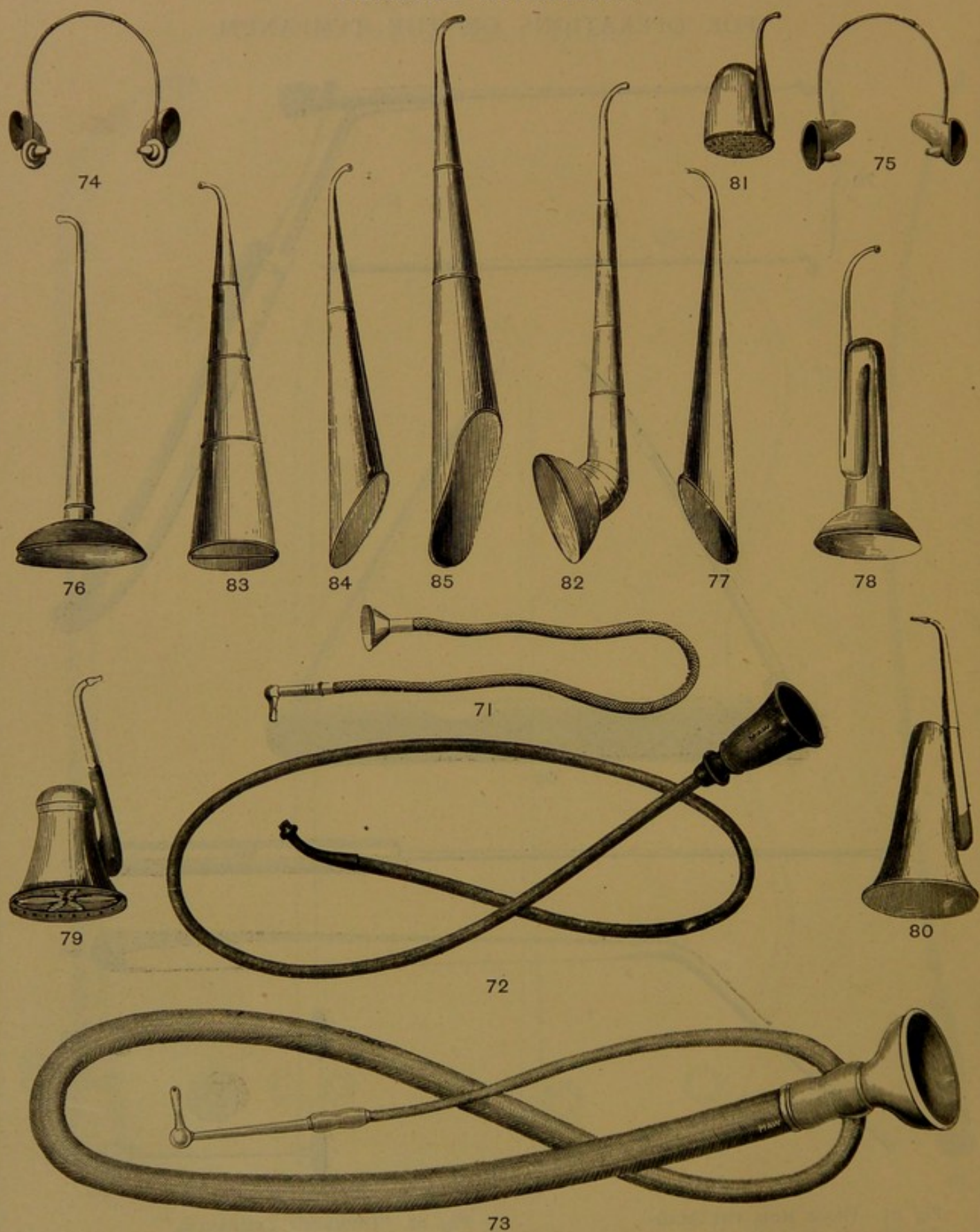


Fig. 71. CONVERSATION TUBE.
 Fig. 72. CONVERSATION TUBE.
 Fig. 73. CONVERSATION TUBE.

Fig. 74. CORNET.
 Fig. 75. CORNET.
 Figs. 76 to 85. TRUMPETS.

INSTRUMENTS FOR NASAL DIAGNOSIS AND EXTRACTION OF NASAL POLYPUS.

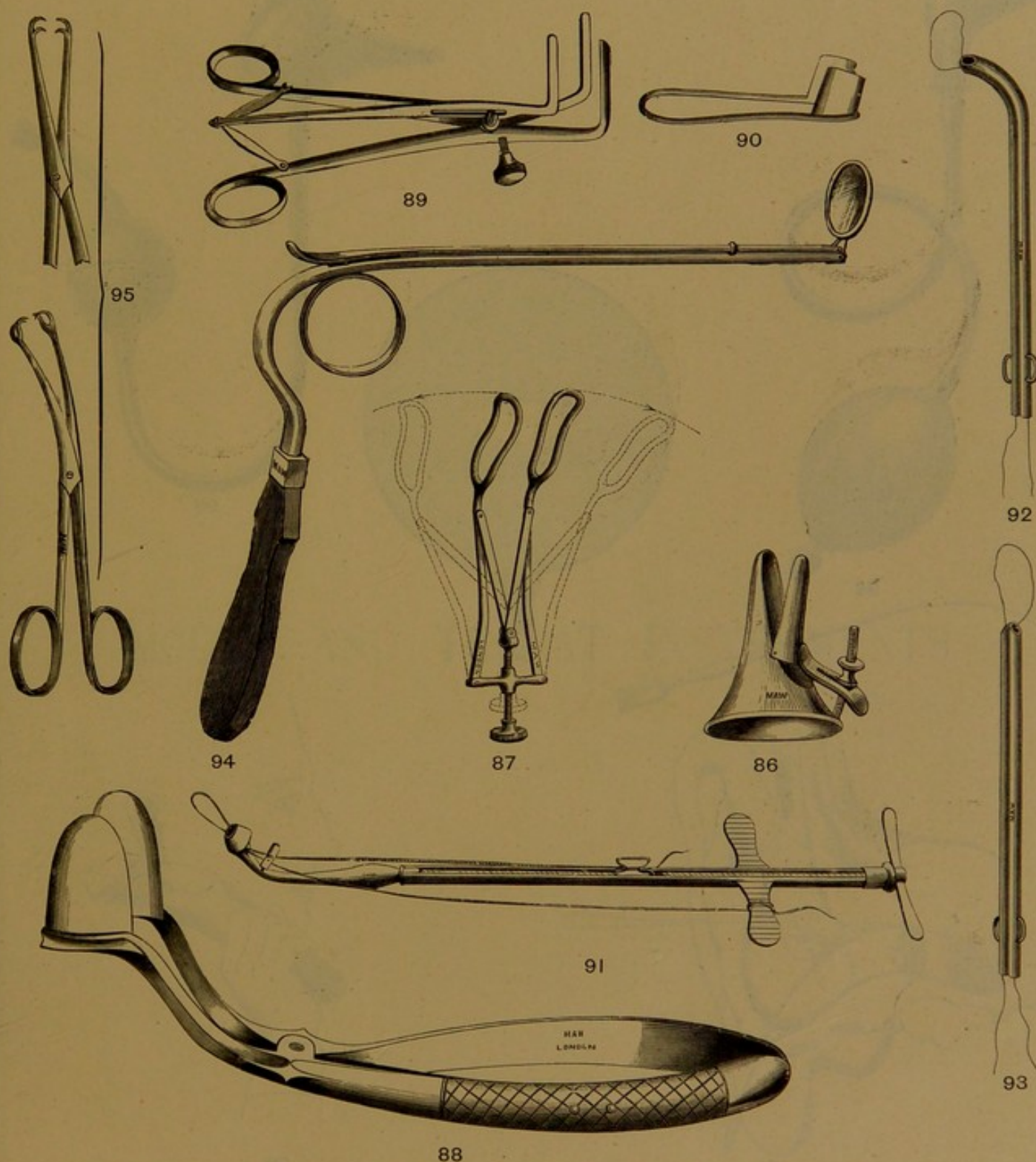


Fig. 86. DILATOR, COLIN'S.
 Fig. 87. DILATOR, FRAENKEL'S.
 Fig. 88. DILATOR, MAW'S.
 Fig. 89. DILATOR, TRIVALVE.
 Fig. 90. DILATOR, THUDICHUM'S.

Fig. 91. ÉCRASEUR.
 Fig. 92. NASAL CANULA.
 Fig. 93. NASAL CANULA.
 Fig. 94. RHINOSCOPE.
 Fig. 95. VULSELLUMS.

GARDINER BROWN'S INSTRUMENTS.

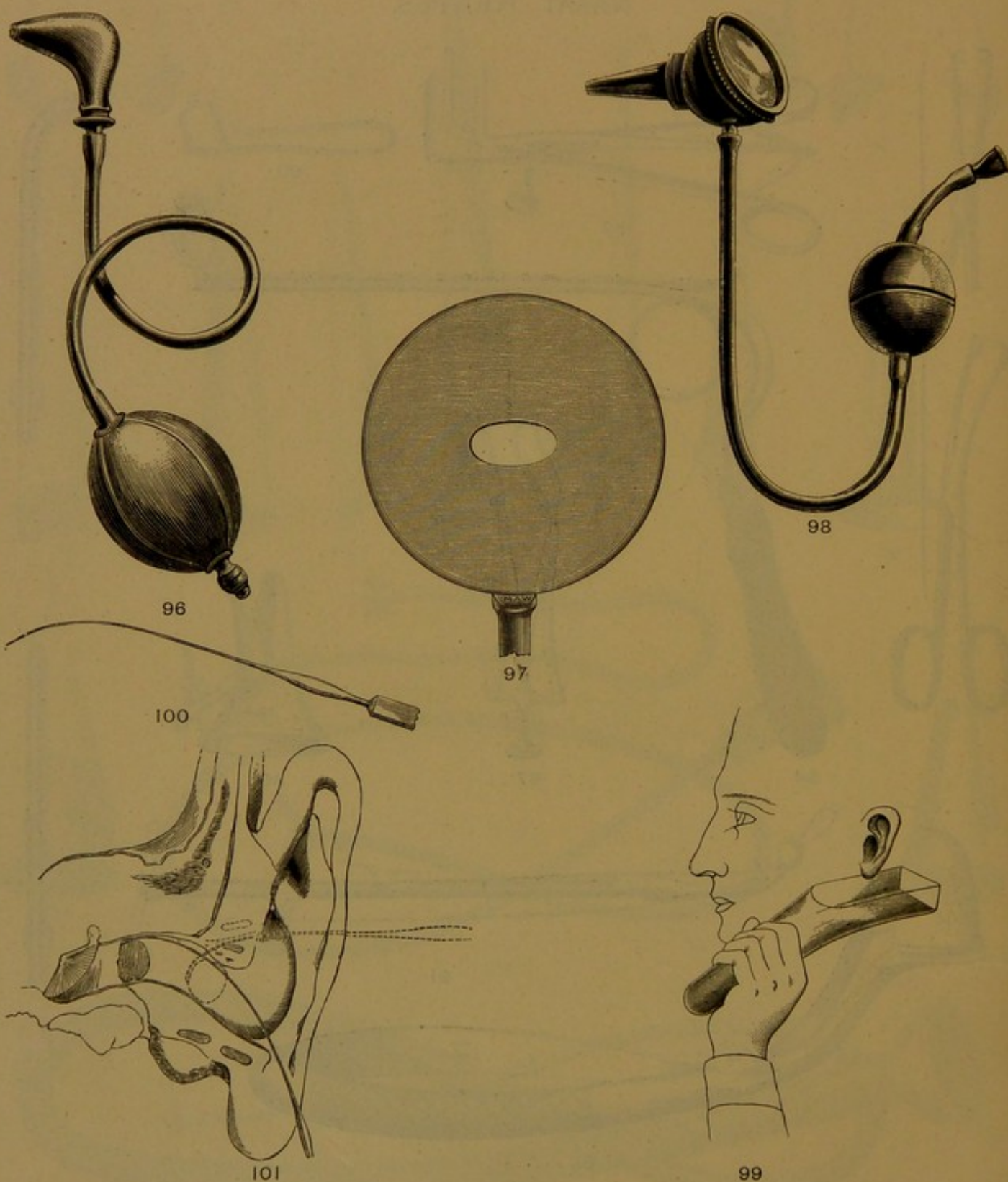


Fig. 96. AIR DOUCHE, WITH NOSE-PIECE.

Fig. 97. AURAL MIRROR.

Fig. 98. BREATH INTERCEPTER, APPLIED TO SIEGLE'S SPECULUM.

Fig. 99. EAR TROUGH.

Fig. 100. HOOK FOR EXTRACTING FOREIGN BODIES FROM EXTERNAL AUDITORY MEATUS.

Fig. 101. MODE OF USING HOOK.

SECTION VI.



MOUTH AND THROAT INSTRUMENTS.

CONTENTS OF SECTION VI.

BRONCHITIS KETTLES.

BRUSHES.

CANULA AND NEEDLES FOR
STAPHYLOPHARY.

CAUTERY INSTRUMENTS.

CLEFT PALATE INSTRUMENTS.

FORCEPS.

GAGS.

GUILLOTINES.

HARE-LIP INSTRUMENTS.

INHALERS.

INSUFFLATORS.

LAMPS.

LARYNGEAL KNIVES.

LARYNGEAL LANCETS.

LARYNGEAL MIRRORS.

LARYNGOSCOPES.

ŒSOPHAGUS INSTRUMENTS.

PIPETTES.

PROBES.

SCISSORS.

SNARES.

SOUNDS.

SPRAY PRODUCERS.

SYRINGES.

TONGUE DEPRESSORS.

TONSIL KNIVES.

TONSIL LANCETS.

TRACHEOTOMY INSTRUMENTS.

UVULA KNIVES.

UVULA LANCETS.

VULSELLUMS.

FOR DIAGNOSIS.

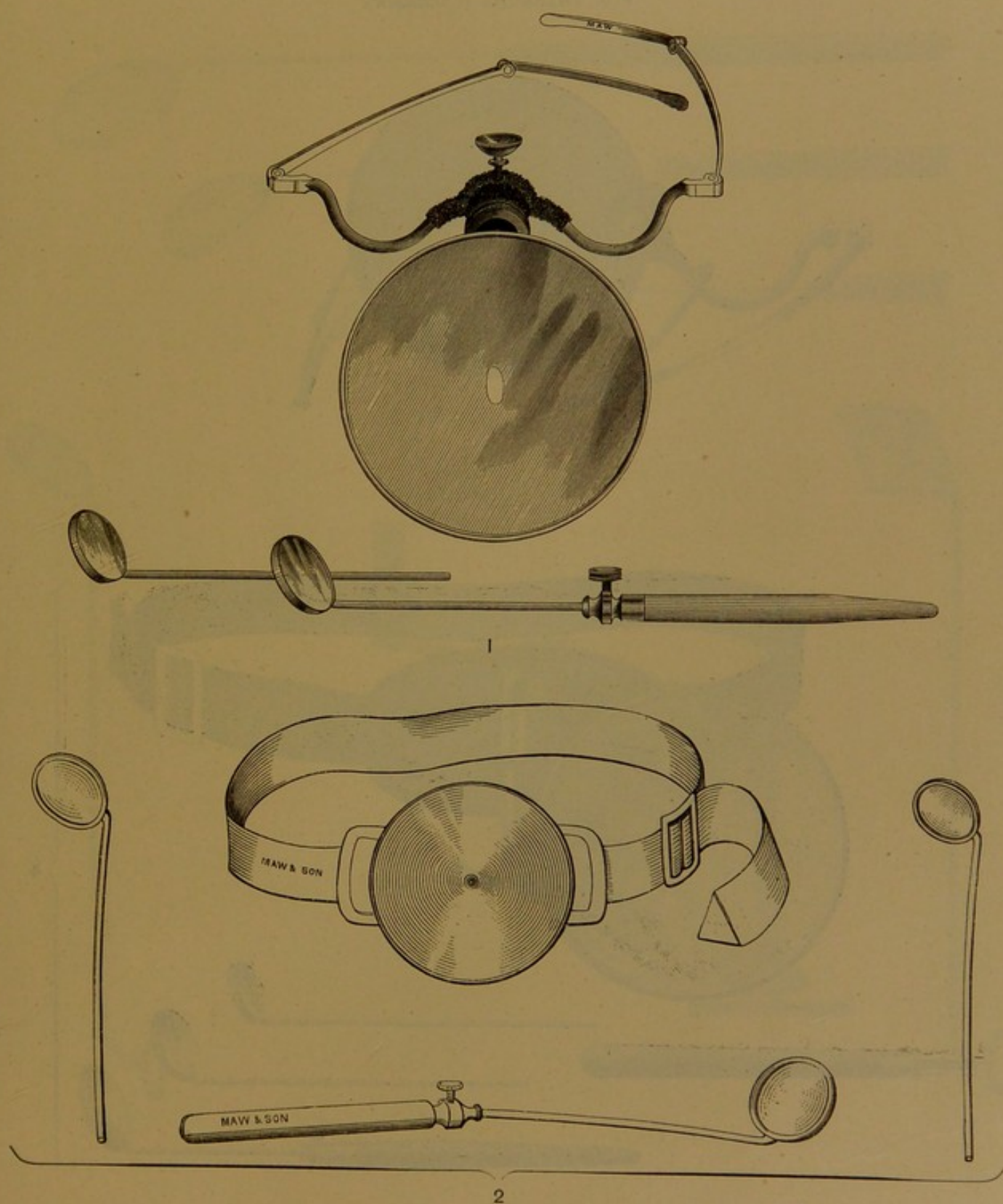


Fig. 1. LARYNGOSCOPE, WITH TWO LARYNGEAL MIRRORS, MACKENZIE'S.

Fig. 2. LARYNGOSCOPE, WITH FRONTAL BAND AND THREE LARYNGEAL MIRRORS.

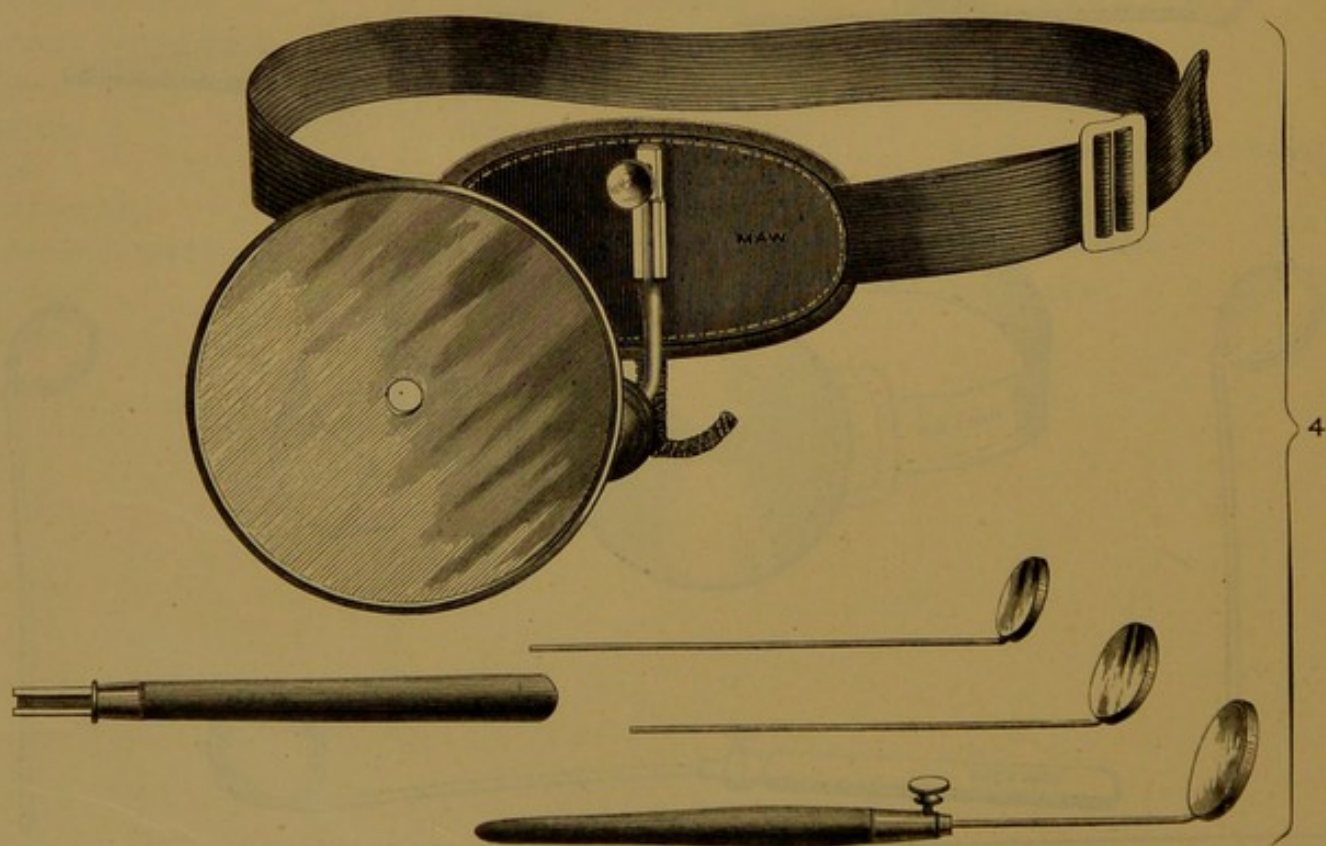
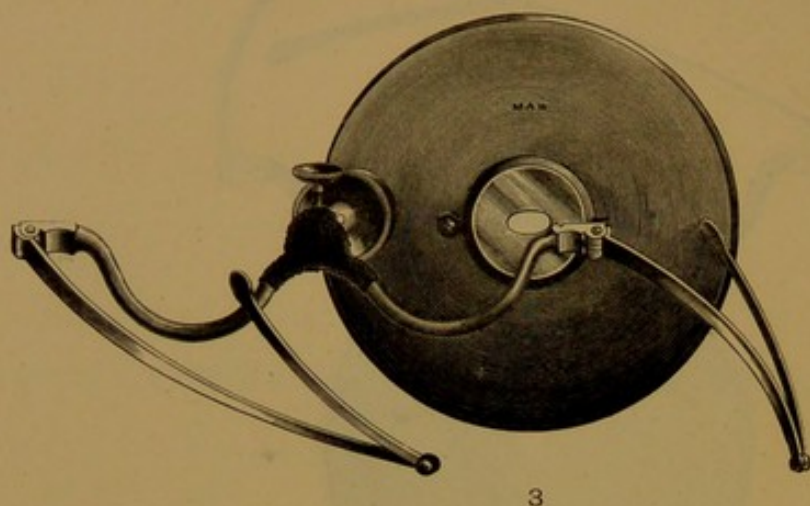
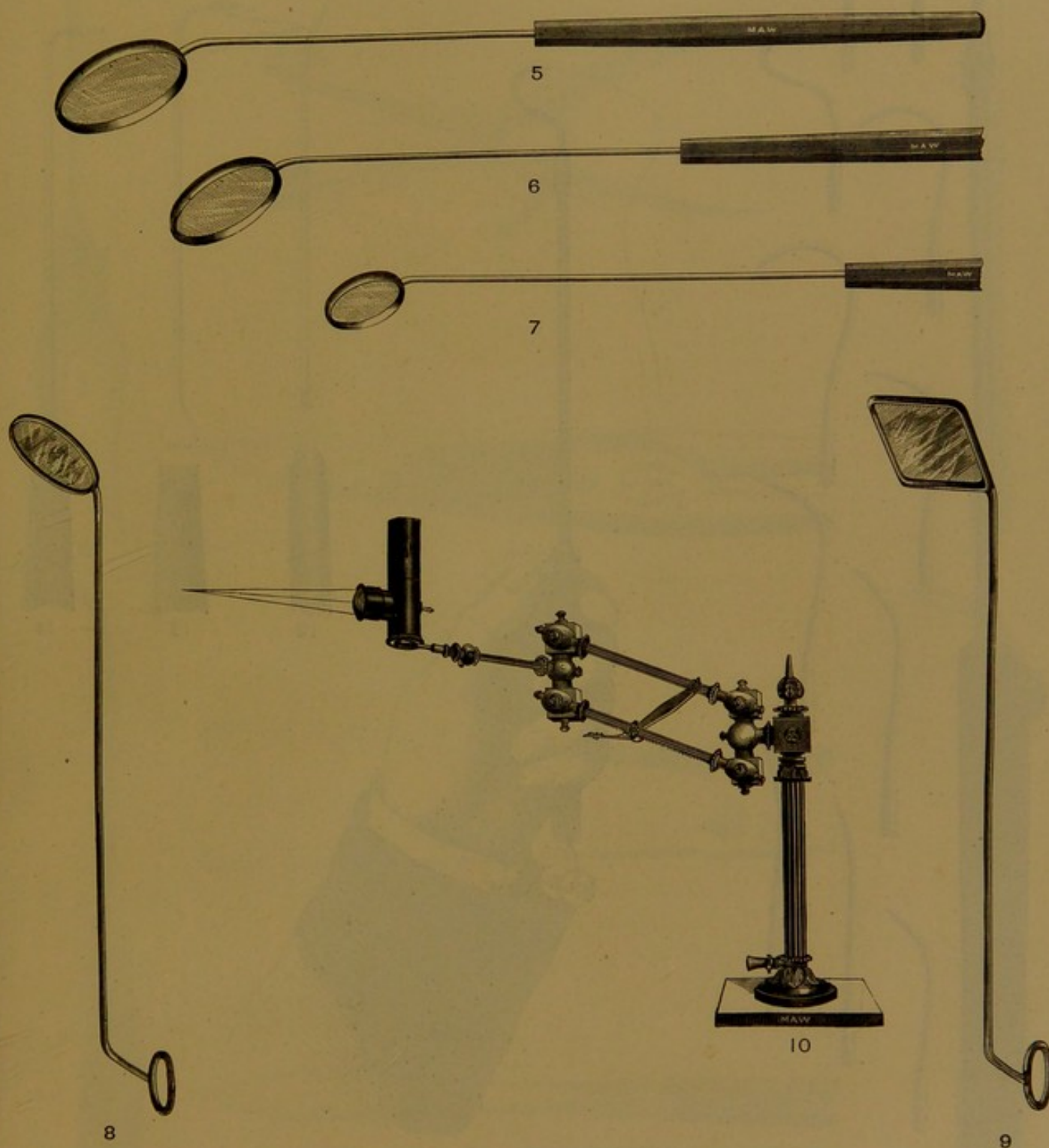
FOR DIAGNOSIS (*Continued*).

Fig. 3. LARYNGOSCOPE, WITH LENS, PROSSER JAMES'.

Fig. 4. LARYNGOSCOPE, WITH ELASTIC FRONTAL BAND AND LARYNGEAL MIRRORS, TÜRCK'S.

FOR DIAGNOSIS (*Continued*).



Figs. 5 to 7. LARYNGEAL MIRRORS (Set of Three).

Fig. 8. LARYNGEAL MIRROR.

Fig. 9. LARYNGEAL MIRROR.

Fig. 10. LAMP, WITH CONDENSING LENS.

CANULA AND NEEDLES FOR STAPHYLOGRAPHY.

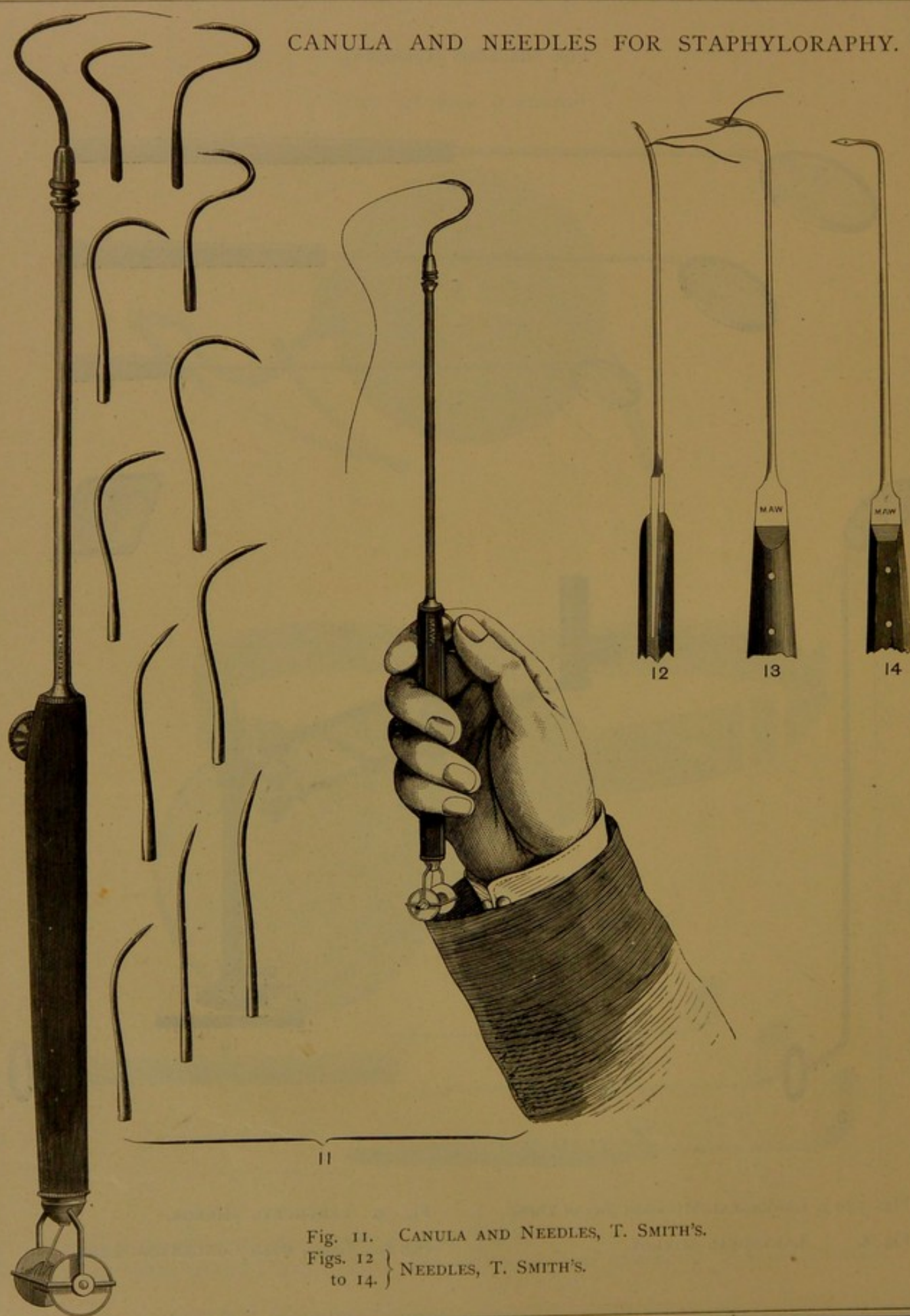
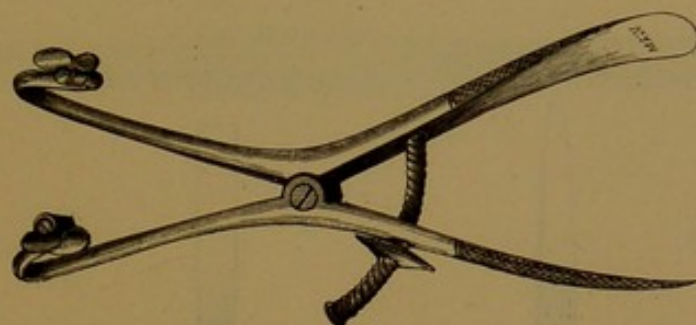


Fig. 11. CANULA AND NEEDLES, T. SMITH'S.
 Figs. 12 } NEEDLES, T. SMITH'S.
 to 14. }

CLEFT PALATE INSTRUMENTS.



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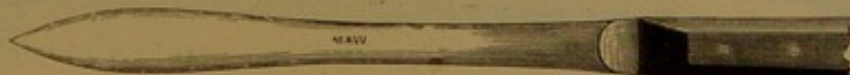
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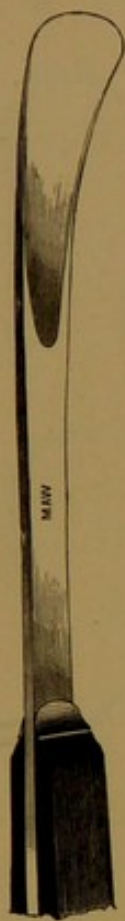


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- Fig. 15. AWL.
Fig. 16. FORCEPS.
Fig. 17. GAG, COLEMAN'S.
Fig. 18. KNIFE, ANGULAR BLADE.

- Fig. 19. LEVER.
Fig. 20. NEEDLE.
Fig. 21. NEEDLE.
Fig. 22. SCISSORS.

MR. F. MASON'S CLEFT PALATE INSTRUMENTS, ETC.



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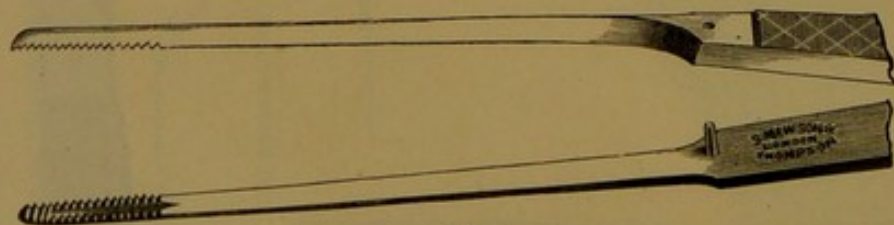
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Fig. 23. CURVED BISTOURY.

Fig. 24. CURVED ELEVATOR.

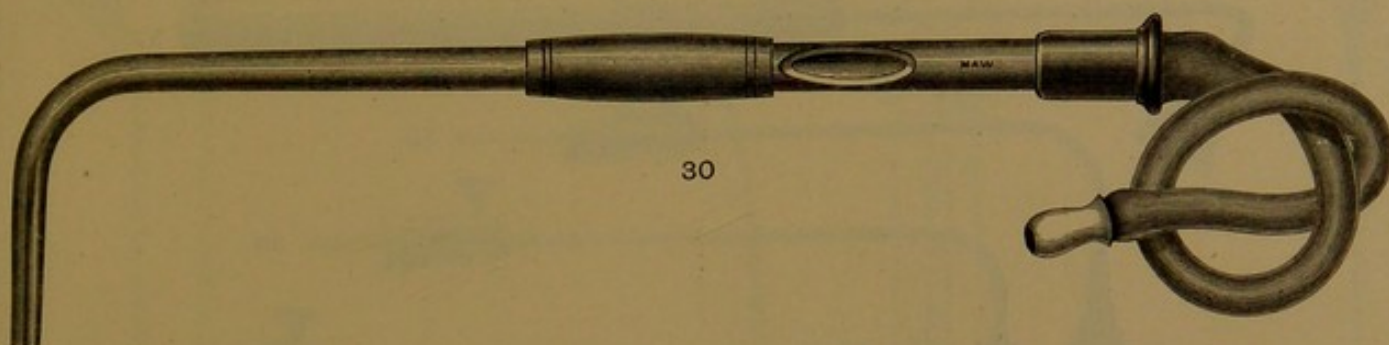
Fig. 25. FORCEPS, WITH LONG BLADES.

Fig. 26. STRAIGHT BISTOURY.

Fig. 27. STRAIGHT CHISEL.

Fig. 28. TEAT AND PALATE SHIELD, COLES'.

INSUFFLATORS FOR THE APPLICATION OF POWDERS.



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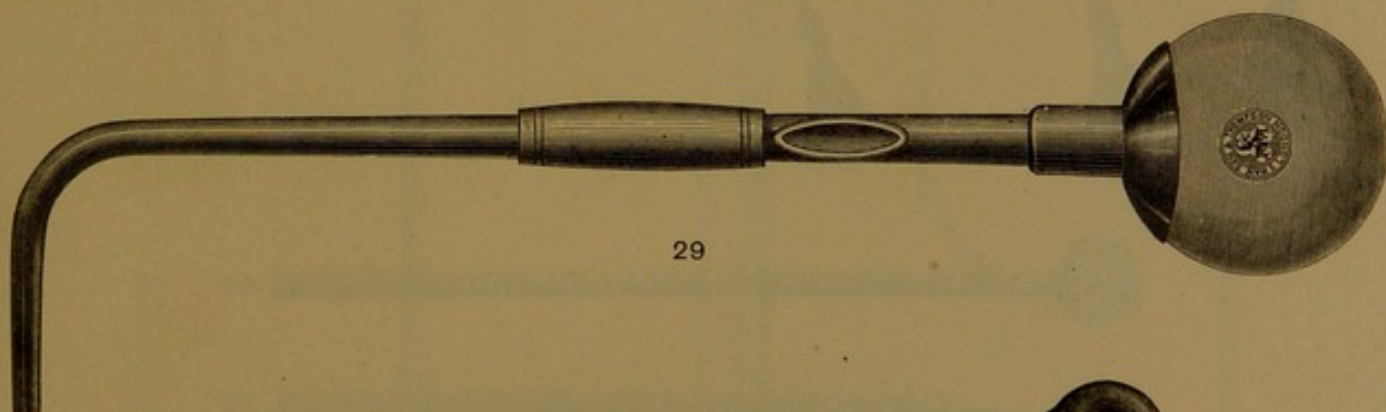
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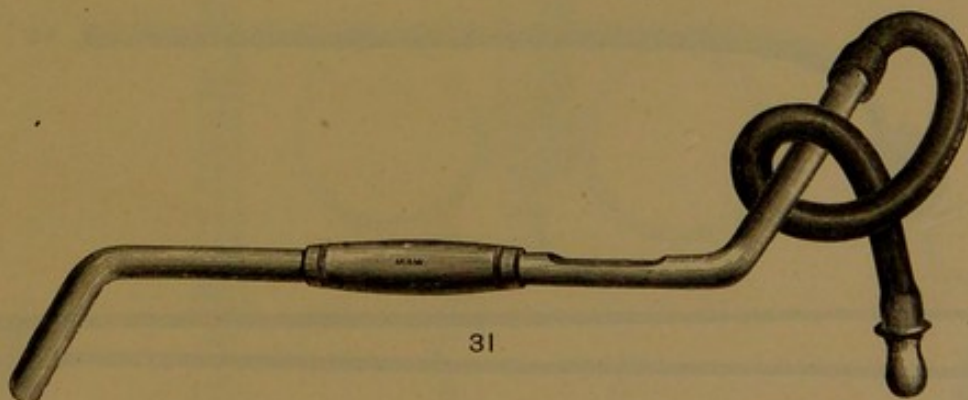
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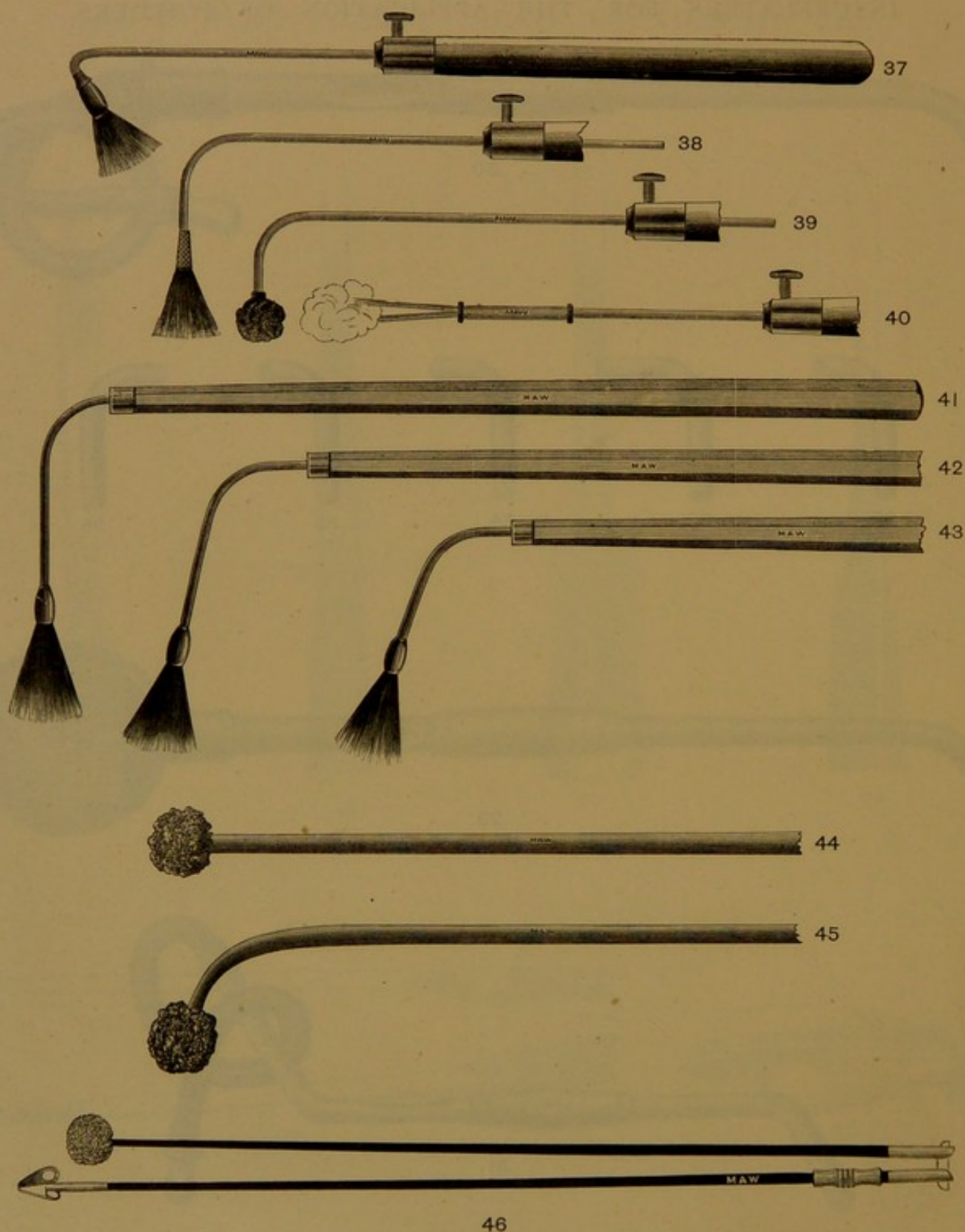


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- Fig. 29. RAUCHFUSS'.
 Fig. 30. SCHRÖTTER'S.
 Fig. 31. SCHRÖTTER'S.
 Fig. 32. ANTERIOR OPENING.

- Fig. 33. INFERIOR OPENING.
 Fig. 34. POSTERIOR OPENING.
 Fig. 35. LEFT OPENING.
 Fig. 36. RIGHT OPENING.

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Figs. 37 } BRUSHES, PROBANG, AND WOOL HOLDER,
to 40. } FITTING ONE HANDLE.
Figs. 41 } BRUSHES, WITH ALUMINIUM STEMS.
to 43. }

Fig. 44. PROBANG, CURVED.
Fig. 45. PROBANG, STRAIGHT.
Fig. 46. PROBANG, WITH EXTRACTING CLIP.

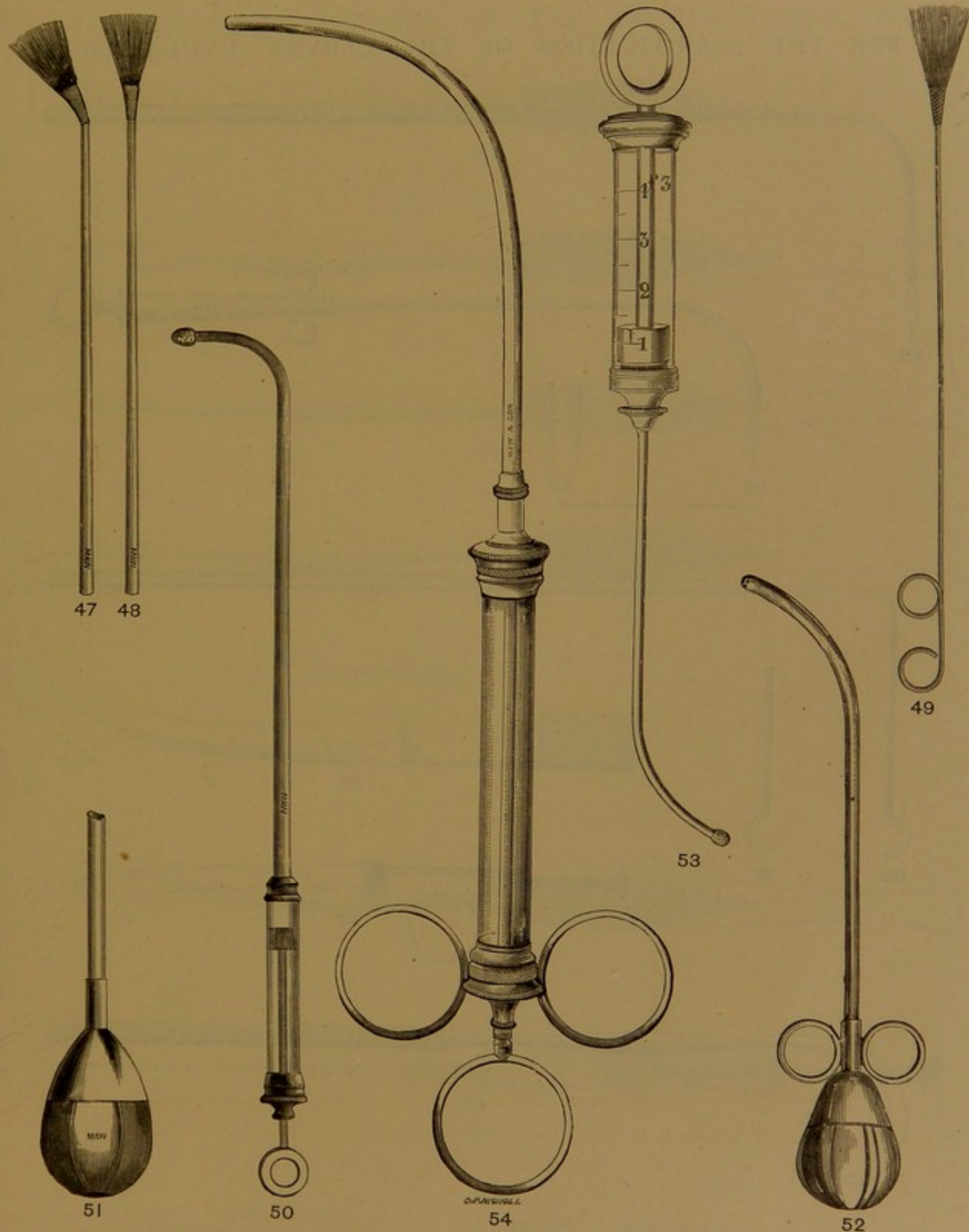
FOR THE APPLICATION OF SOLUTIONS (*Continued*).

Fig. 47. } MOUTH AND THROAT
 Fig. 48. } BRUSHES.
 Fig. 49. }

Fig. 50. SYRINGE, FLEXIBLE PIPE.

Fig. 51. SYRINGE, FLEXIBLE PIPE.

Fig. 52. SYRINGE, GIBBS'.
 Fig. 53. SYRINGE, } MAW'S.
 Fig. 54. SYRINGE, }

FOR THE SCARIFICATION OF THE LARYNX, UVULA, ETC.

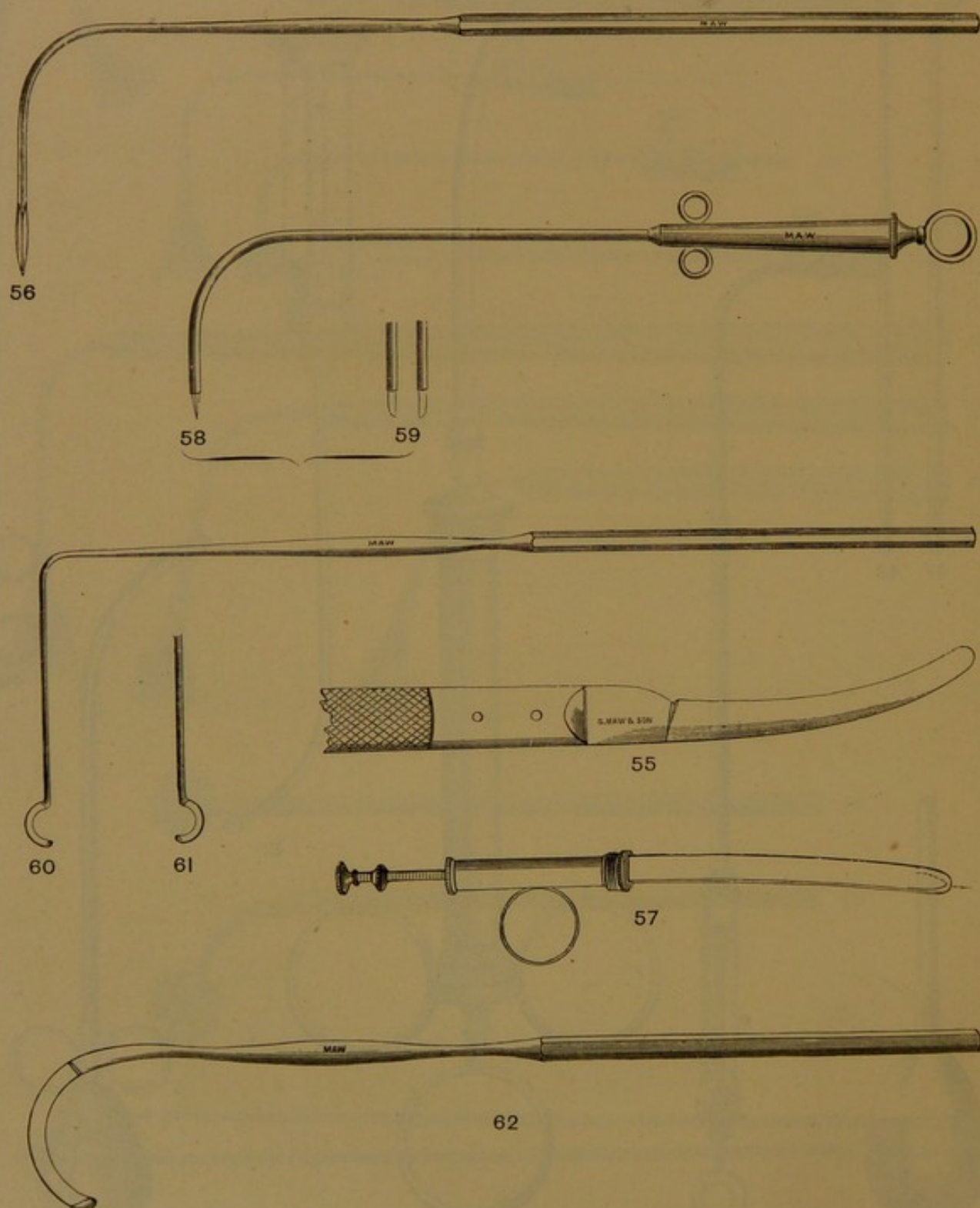


Fig. 55. BISTOURY.
 Fig. 56. LANCET.
 Fig. 57. LANCET, WITH SPRING.
 Figs. 58, 59. LANCETS, GUARDED, WITH SPRING.

Fig. 60. LARYNGEAL SICKLE,
 Fig. 61. LARYNGEAL SICKLE, } PROSSER JAMES'.
 Fig. 62. UVULA SICKLE,

FOR ABSCESSSES, EXCISION OF THE TONSILS, UVULA, ETC.



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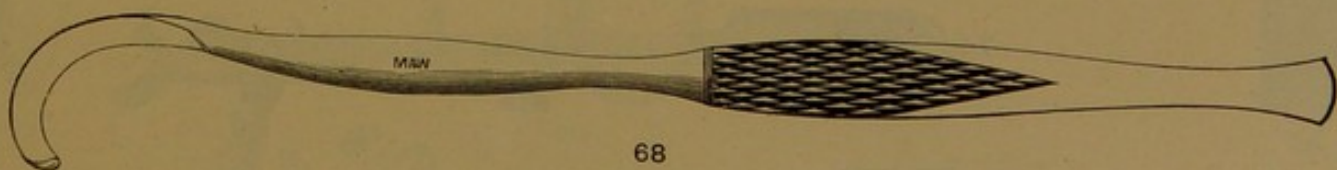
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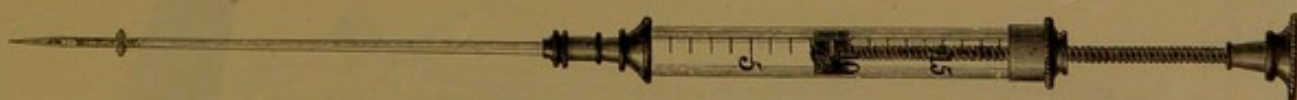
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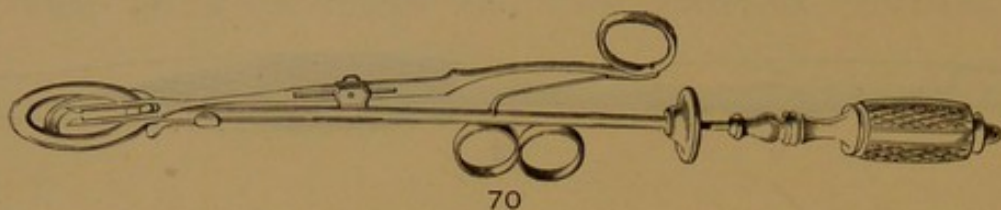


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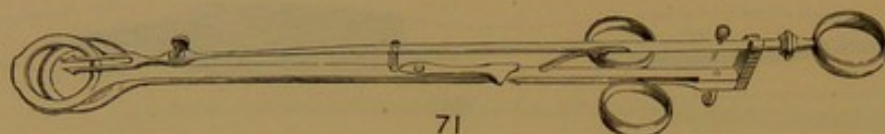
- Fig. 63. ABSCESS KNIFE, BAUDEN'S.
 Fig. 64. ABSCESS KNIFE, } SYME'S.
 Fig. 65. ABSCESS KNIFE, }
 Fig. 66. TONSIL SICKLE, PROSSER JAMES'.

- Fig. 67. TONSIL SICKLE, } PROSSER JAMES'.
 Fig. 68. TONSIL SICKLE, }
 Fig. 69. TUMOUR SYRINGE, GUARDED.

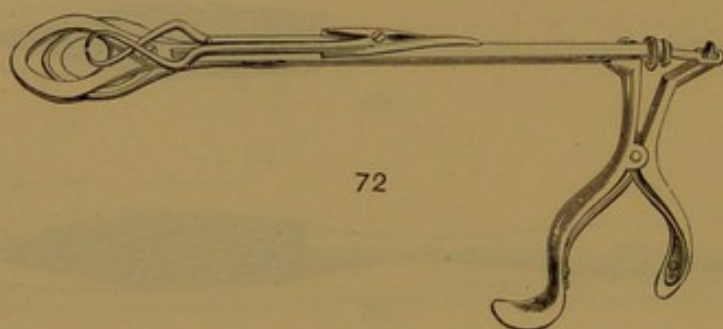
FOR THE EXCISION OF THE TONSILS, UVULA, ETC.



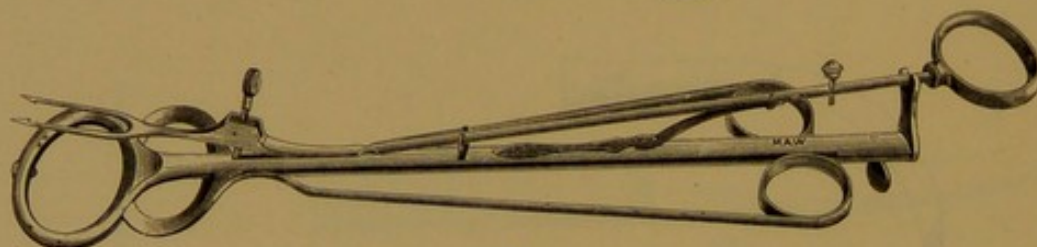
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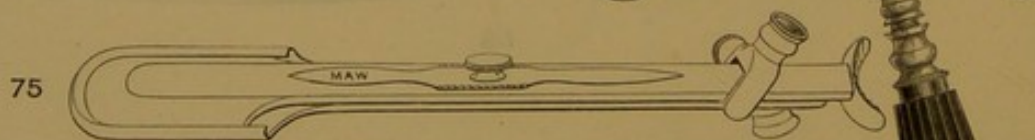
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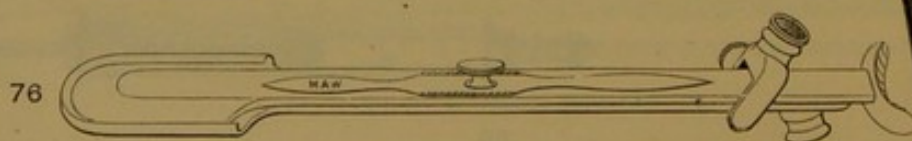
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Fig. 70. GUILLOTINE.

Fig. 71. GUILLOTINE, MATHIEU'S.

Fig. 72. GUILLOTINE, SPRING-ACTION.

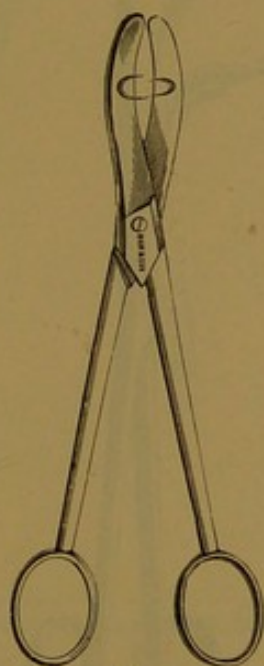
Fig. 73. GUILLOTINE, GUARDED.

Figs. 74 } GUILLOTINES, MACKENZIE'S.
to 76. }

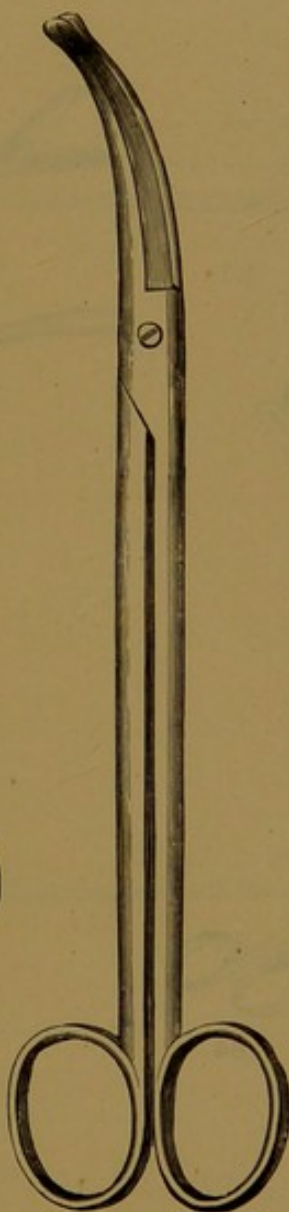
FOR THE EXCISION OF THE TONSILS, UVULA, ETC. (Continued).



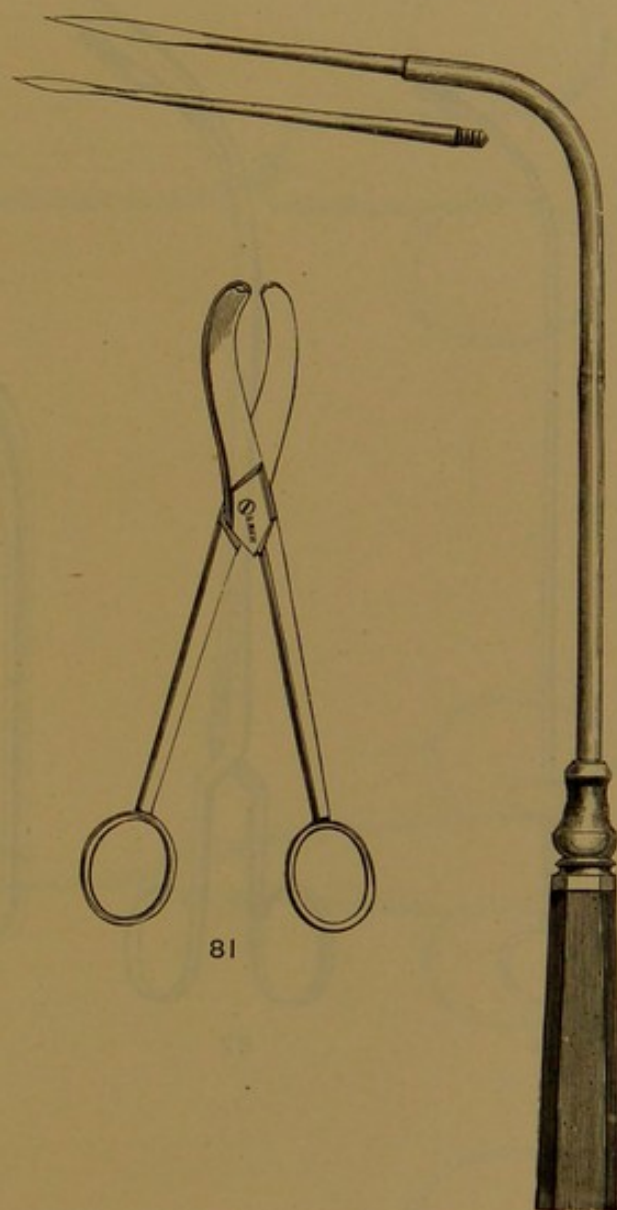
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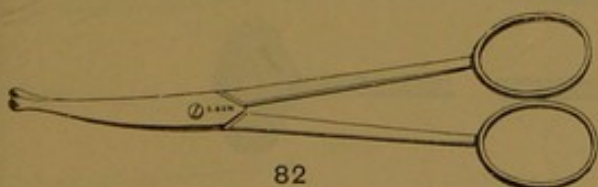
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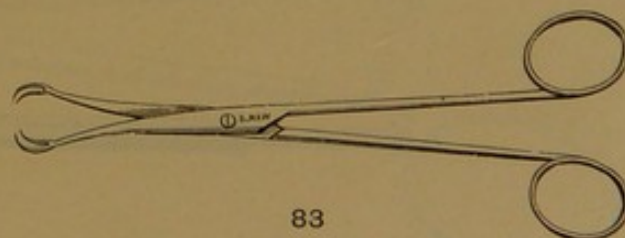
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Fig. 77. FORCEPS, UVULA,
Fig. 78. LANCET FOR THE LARYNX,
Fig. 79. SCISSORS, UVULA,

THOMAS'.

Fig. 80. SCISSORS, PRONGED BLADES, ERICHSEN'S.
Fig. 81. SCISSORS, CONCAVE BLADES, ERICHSEN'S.
Fig. 82. SCISSORS, PROBE POINTS.
Fig. 83. VULSELLUM.

FOR THE REMOVAL OF FOREIGN BODIES, ETC.

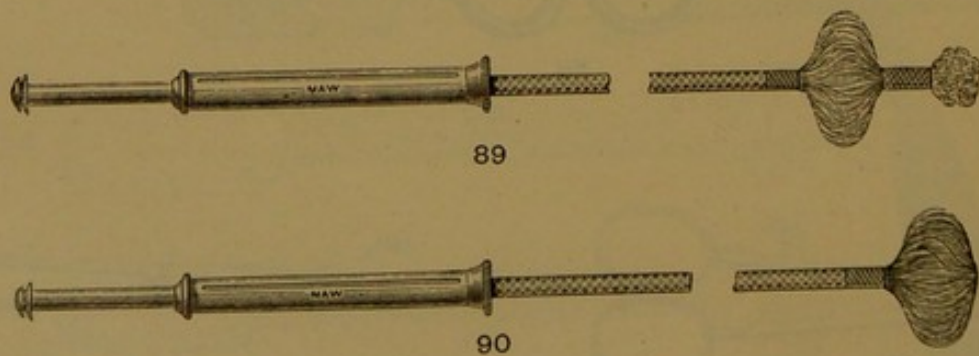
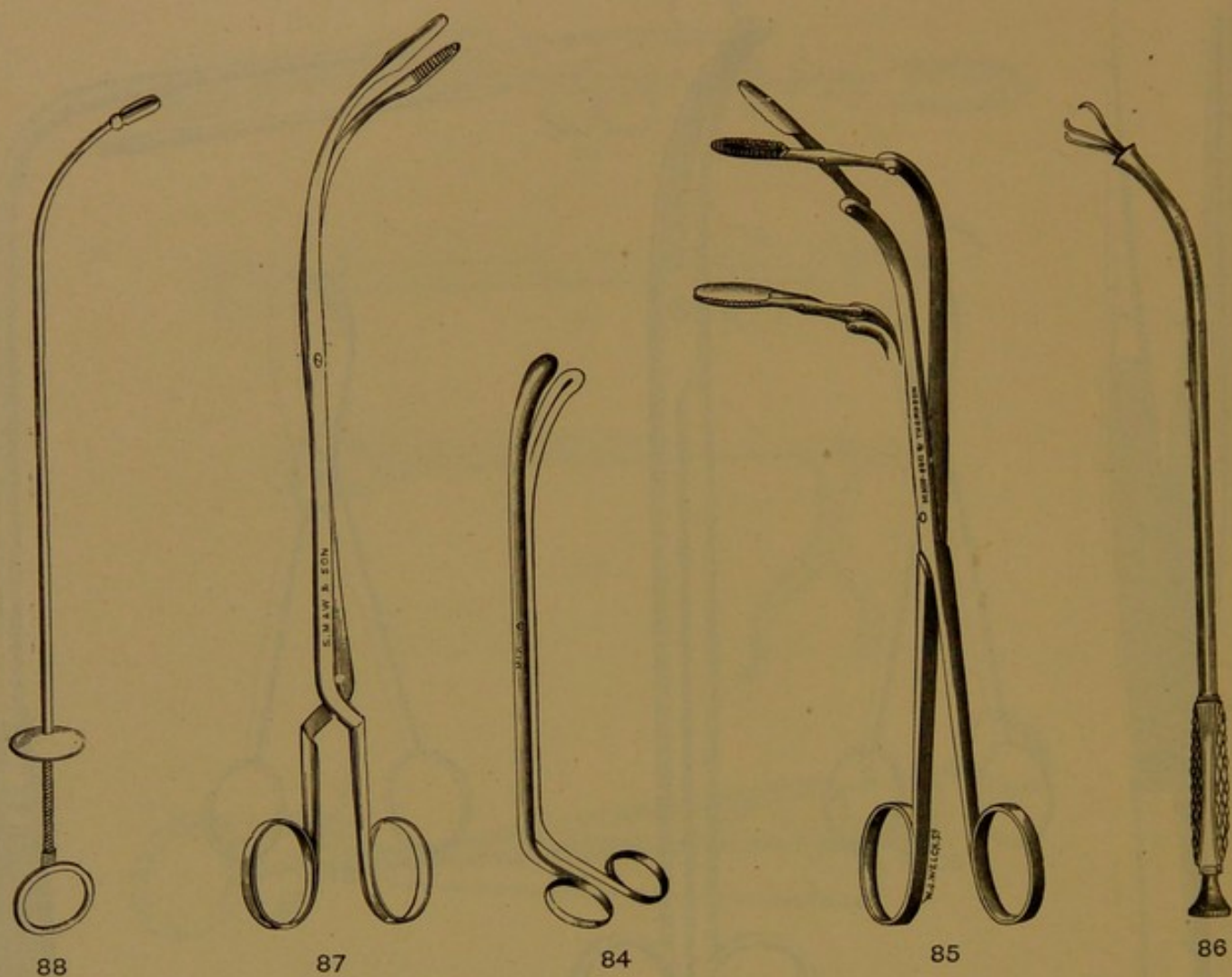


Fig. 84. FORCEPS, BURGE'S.
 Fig. 85. FORCEPS, CUSCO'S.
 Fig. 86. FORCEPS, COTTON'S.
 Fig. 87. FORCEPS, MAW'S.

Fig. 88. FORCEPS, SPRING STEM.
 Fig. 89. SNARE, EXPANDING.
 Fig. 90. SNARE, EXPANDING, PROSSER
 JAMES'.

LARYNGEAL FORCEPS FOR THE EXTIRPATION OF GROWTHS.

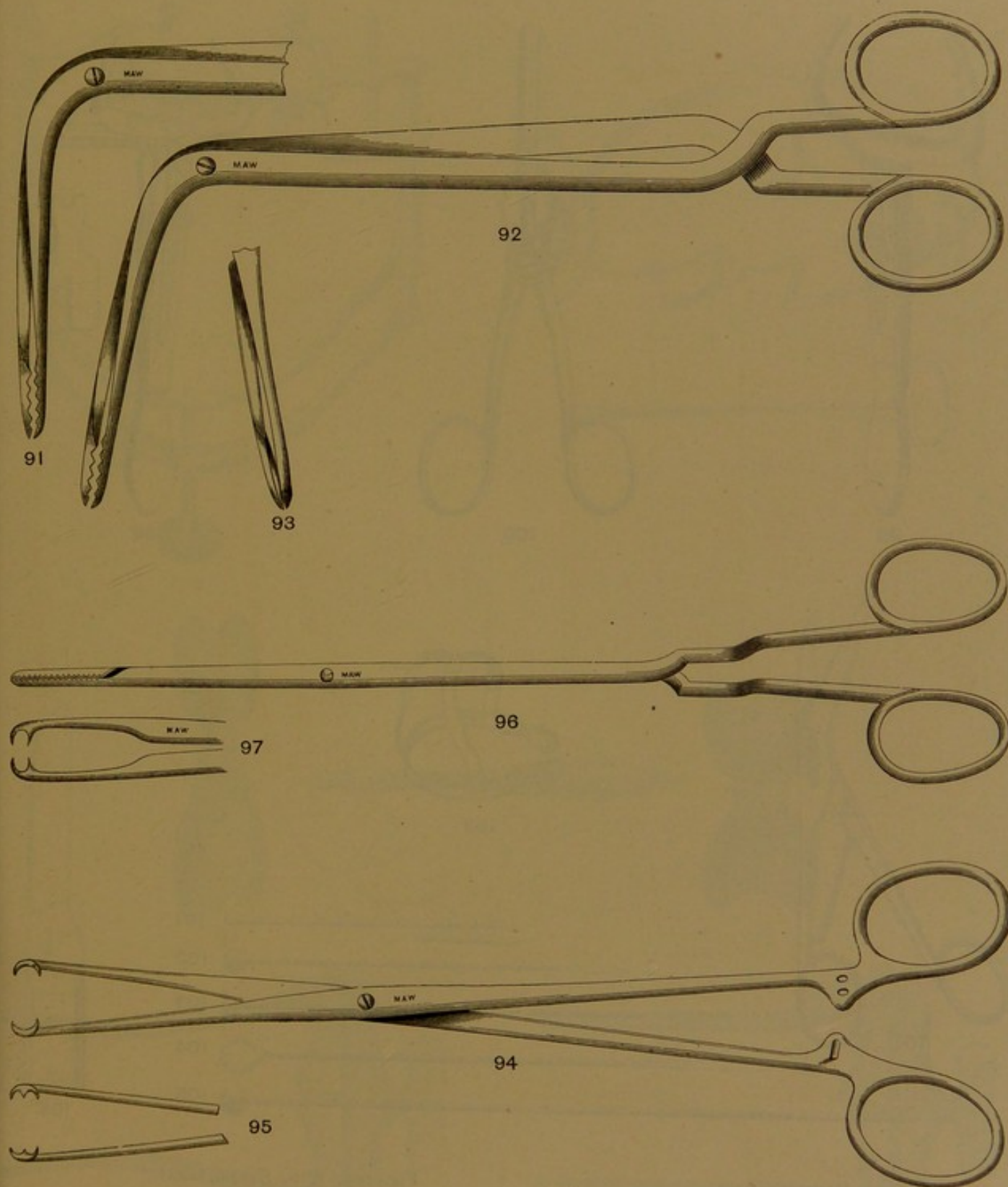
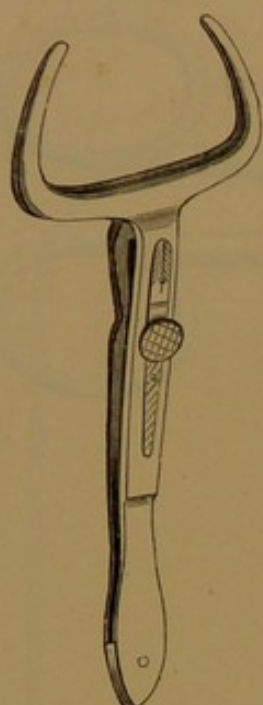


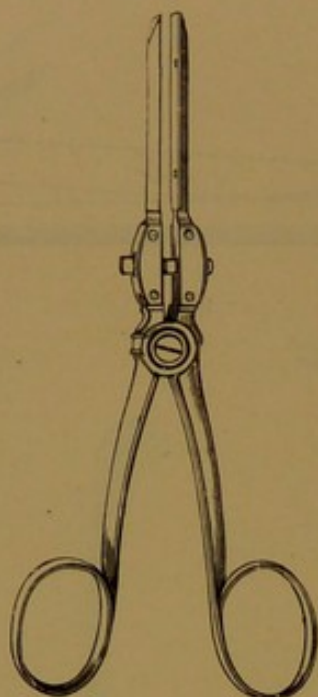
Fig. 91. OPENING ANTERO-POSTERIORLY.
Fig. 92. OPENING Laterally.

Fig. 93. FOR CRUSHING.
Figs. 94 } FOR USE WITH LARYNGEAL SICKLES.
to 97. }

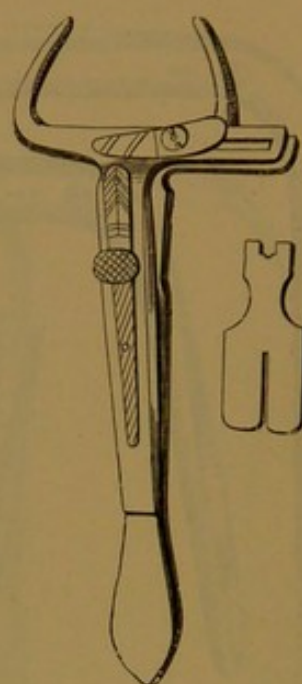
FOR HARE-LIP OPERATIONS.



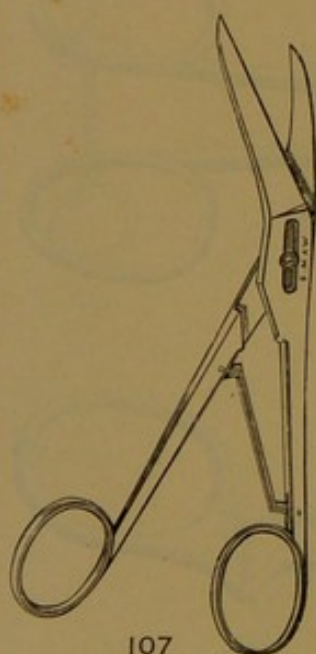
98



100



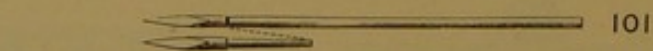
99



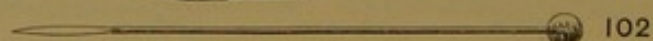
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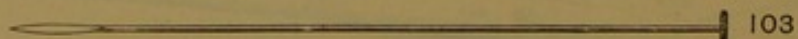
108



101



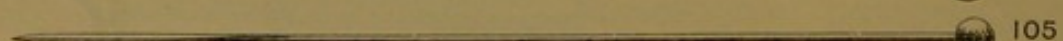
102



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105

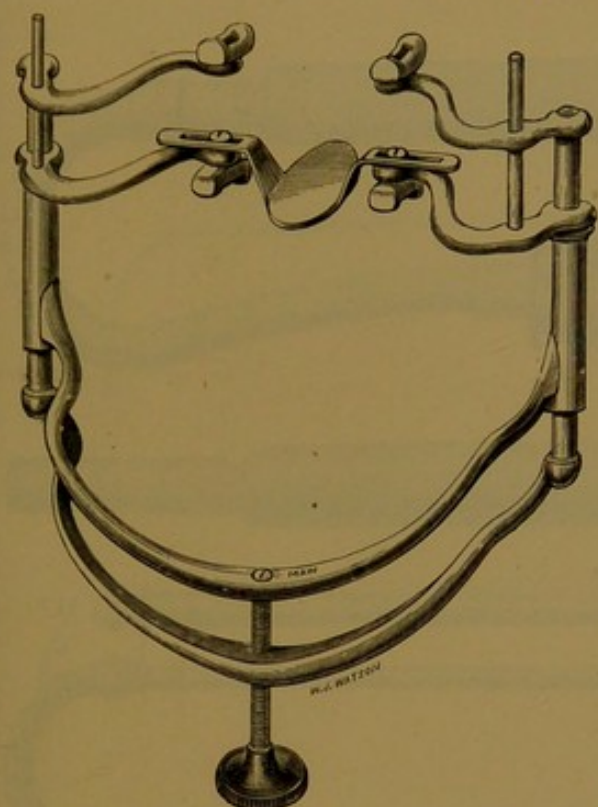


106

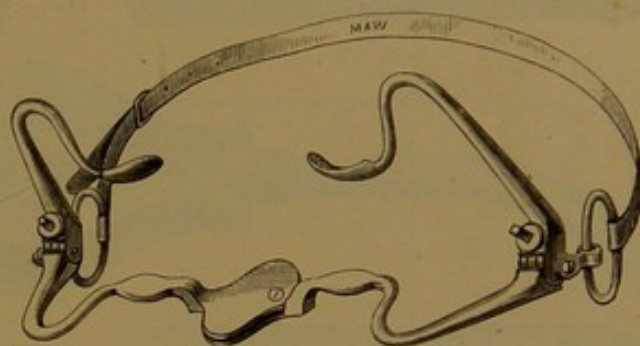
- Fig. 98. FORCEPS, } T. SMITH'S.
 Fig. 99. FORCEPS, }
 Fig. 100. FORCEPS, PARALLEL BLADES.
 Fig. 101. PIN, MOVABLE POINT.
 Fig. 102. PIN, GLASS HEAD.

- Fig. 103. PIN, STEEL HEAD.
 Fig. 104. PIN, STEEL HEAD.
 Fig. 105. PIN, TRIANGULAR POINT.
 Fig. 106. SCALPEL.
 Fig. 107. SCISSORS.
 Fig. 108. TRUSS, HAINSBY'S.

MOUTH GAGS AND WEDGES.



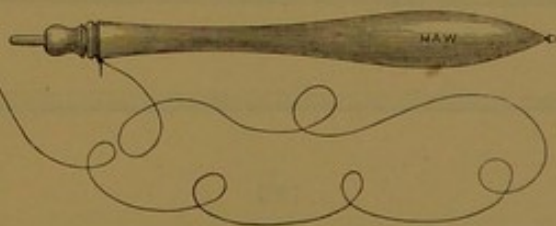
109



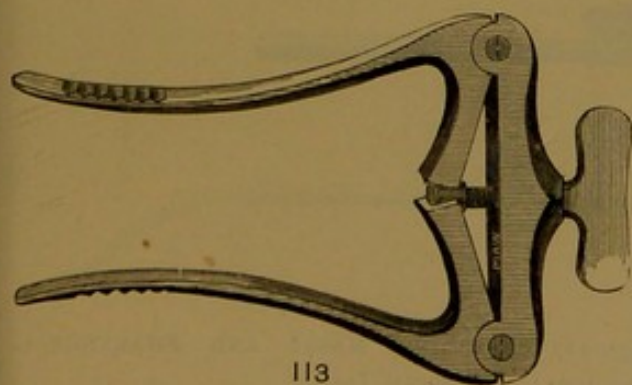
110



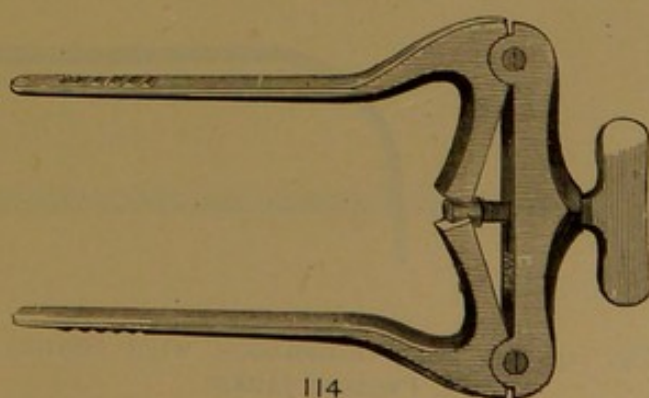
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Fig. 109. GAG, COLIN'S.

Fig. 110. GAG, T. SMITH'S.

Fig. 111. GAG, VULCANITE.

Fig. 112. GAG, VULCANITE, WITH SPRING.

Fig. 113. WEDGE, } TO OPEN

Fig. 114. WEDGE, } THE MOUTH.

ŒSOPHAGUS BOUGIES, DOUCHES, AND PIPETTES.

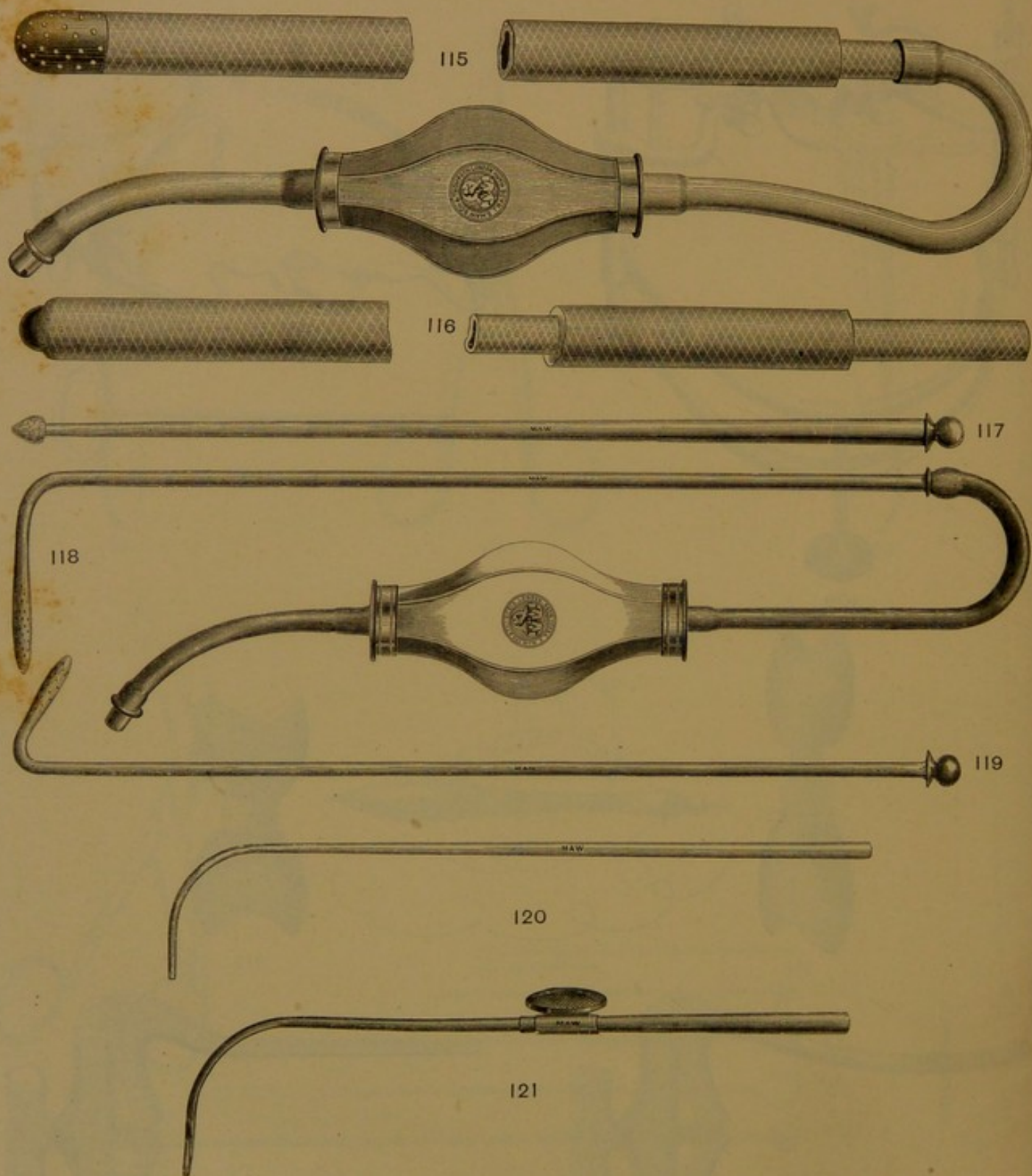


Fig. 115. DOUCHE, ŒSOPHAGUS, WITH OBTURATOR, PROSSER JAMES'.

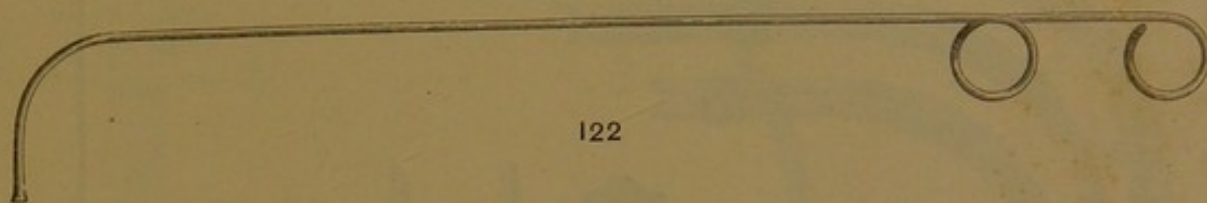
Fig. 116. BOUGIE, ŒSOPHAGUS, WITH OBTURATOR FOR MEDICATION, PROSSER JAMES'.

Figs. 117 } DOUCHES, NASAL AND PHARYNGEAL,
to 119. } PROSSER JAMES'.

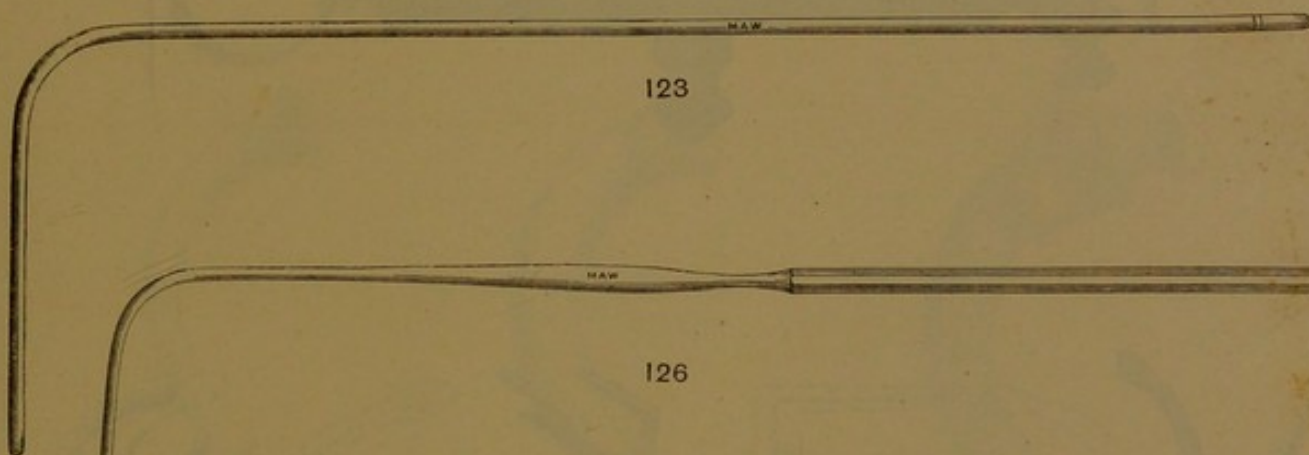
Fig. 120. PIPETTE, LEITER'S.

Fig. 121. PIPETTE, VULCANITE.

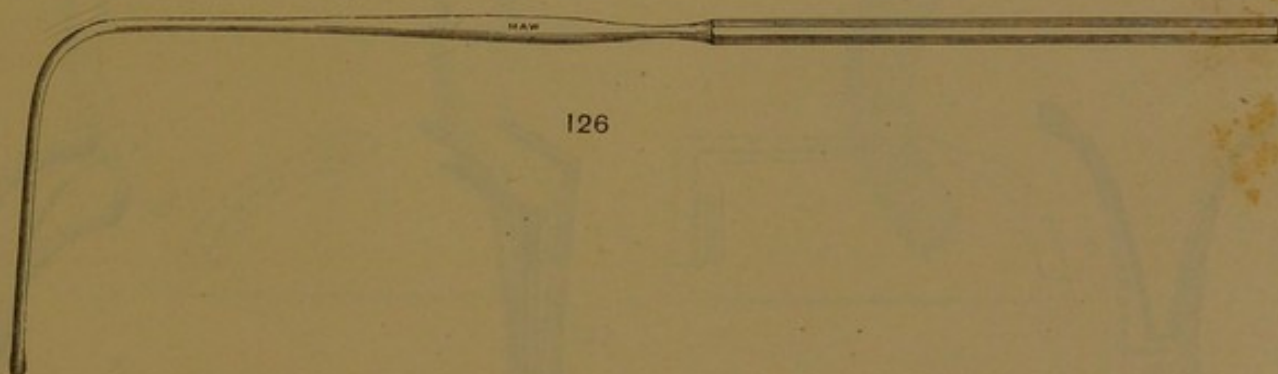
SOUNDS AND PROBES.



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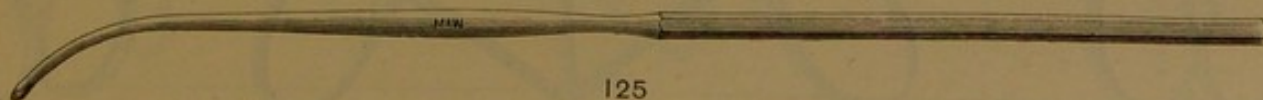
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Fig. 122. ALUMINIUM, TOBOLD'S BULB.

Fig. 123. ALUMINIUM, SMOOTH-POINTED.

Fig. 124. }
Fig. 125. } FOR THE FAUCES.
Fig. 126. }

FOR CAUTERISING THE LARYNX AND DILATING THE TRACHEA.

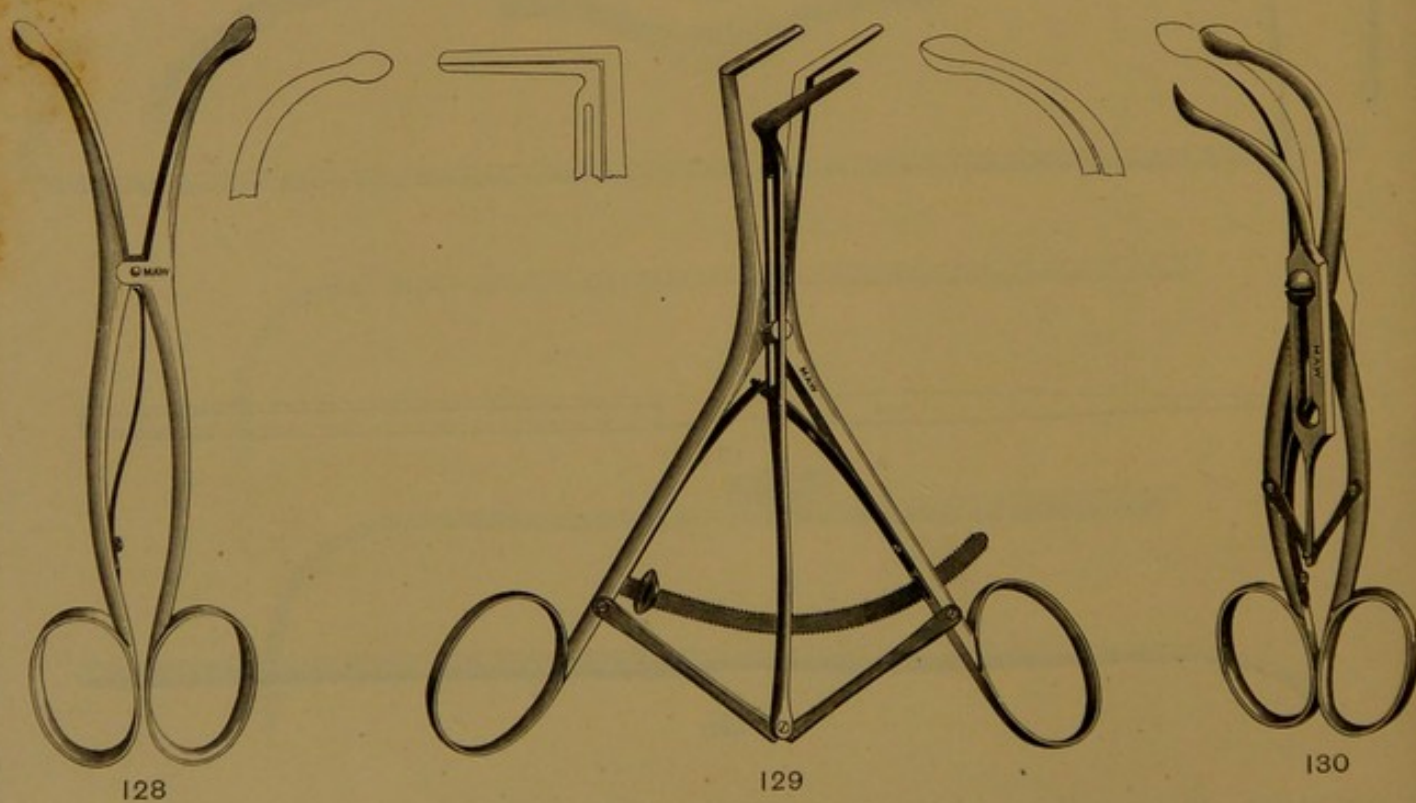
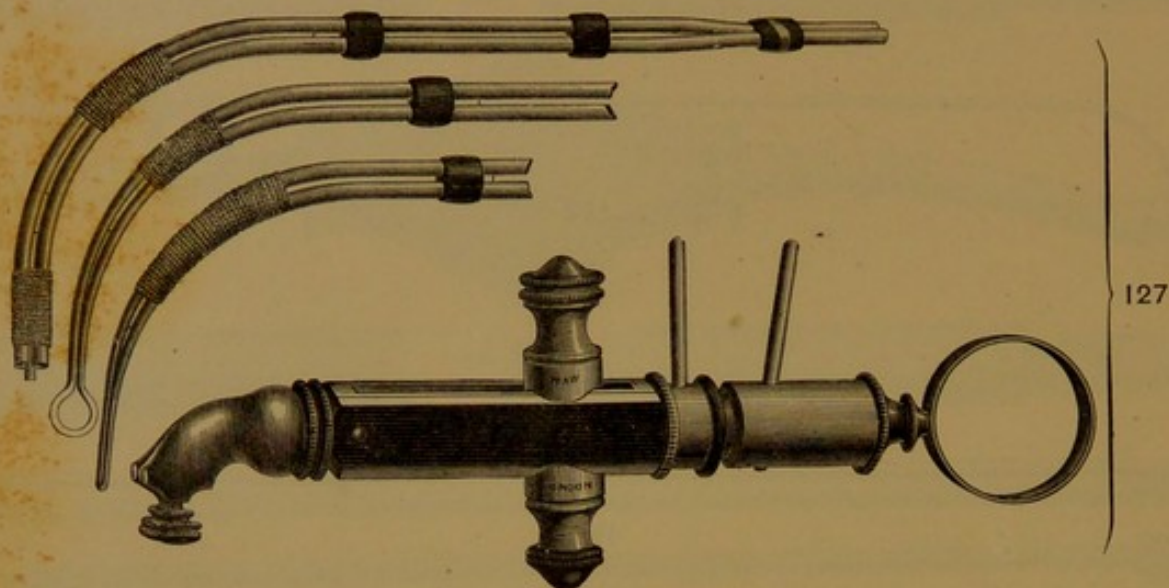
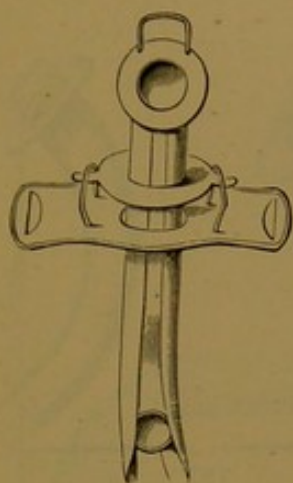


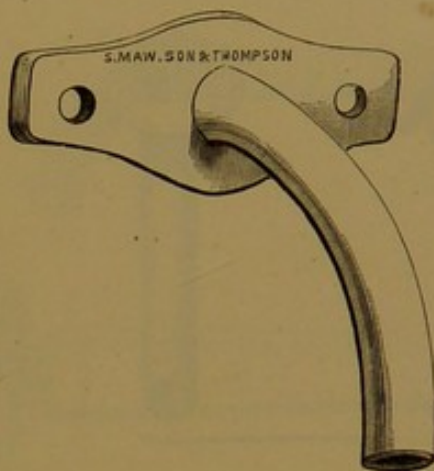
Fig. 127. LARYNGEAL CAUTERY APPARATUS.
Fig. 128. TRACHEA DILATOR.

Fig. 129. TRACHEA DILATOR.
Fig. 130. TRACHEA DILATOR.

FOR TRACHEOTOMY.



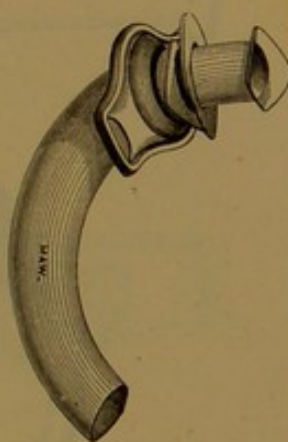
131



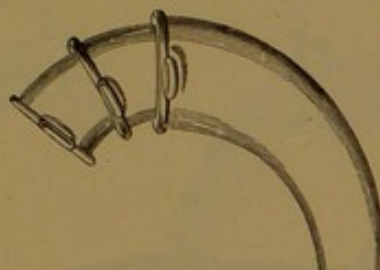
134



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Fig. 131. CANULA, WITH MOVABLE SHIELD.

Fig. 132. CANULA, EXPANDING.

Fig. 133. CANULAS, HENRIETTE'S.

Fig. 134. CANULA, MORRANT BAKER'S.

Fig. 135. CANULAS, FLAT.

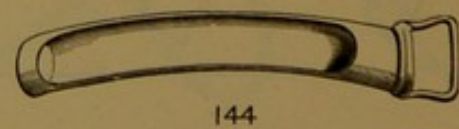
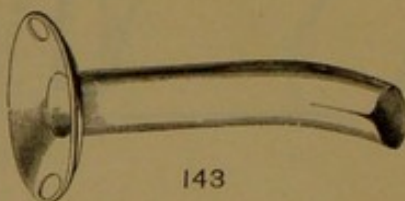
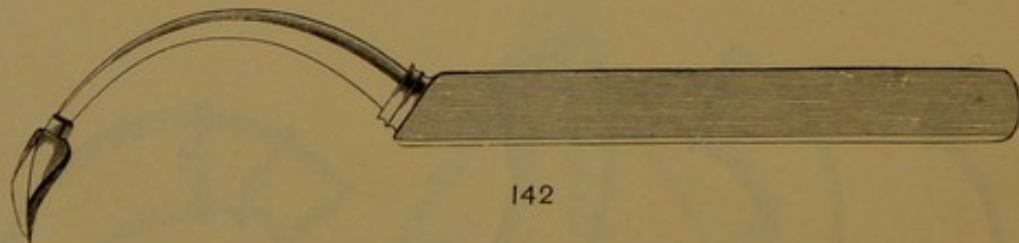
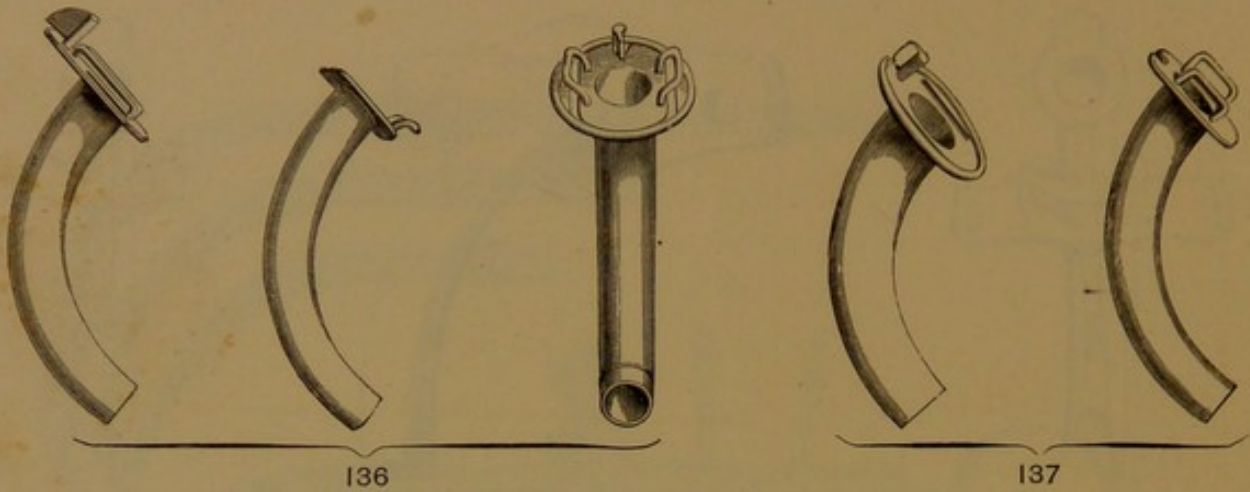
FOR TRACHEOTOMY (*Continued*).

Fig. 136. CANULAS, DOUBLE.
Fig. 137. CANULAS, DOUBLE.

Figs. 138 } CANULAS, EXPANDING,
to 141. } WITH KNIFE.

Figs. 142 } CANULAS, DOUBLE,
to 144. } WITH TROCAR.

FOR TRACHEOTOMY (*Continued*).

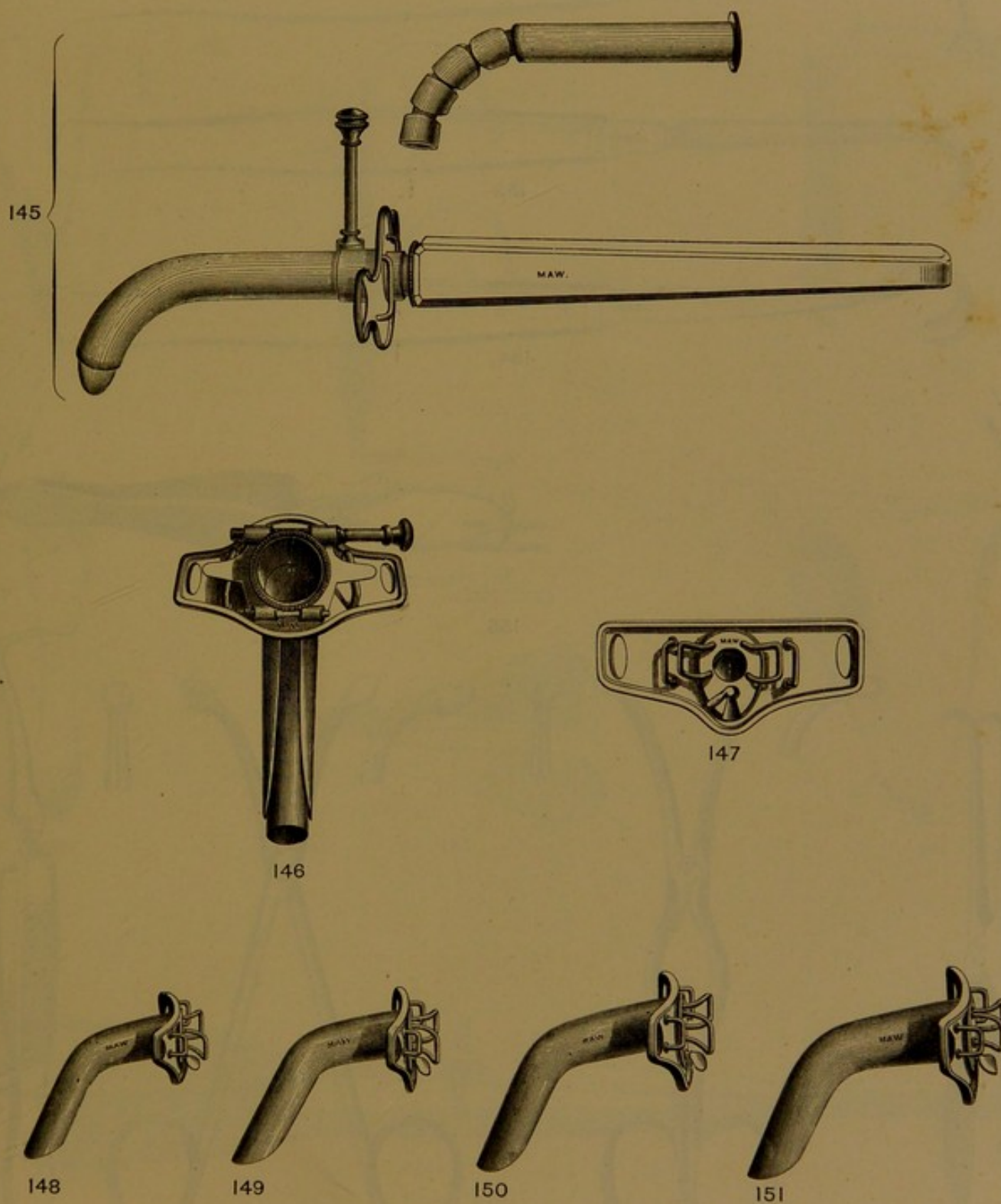
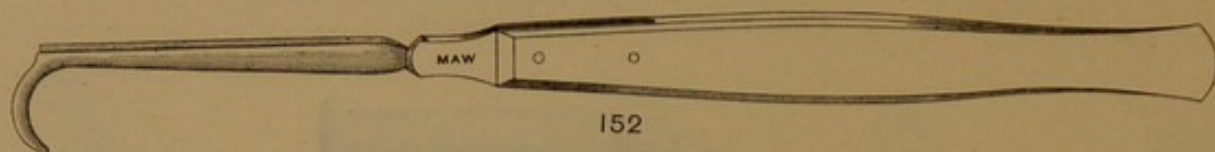
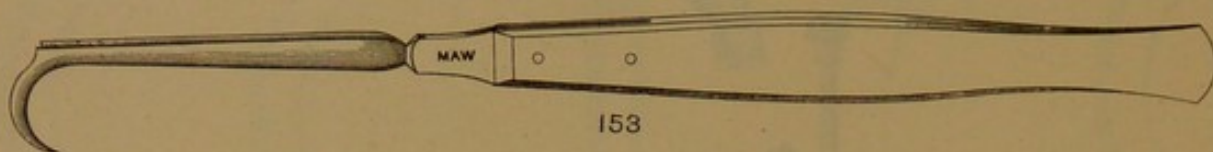


Fig. 145. CANULA AND PILOT, DURHAM'S "LOBSTER TAIL."

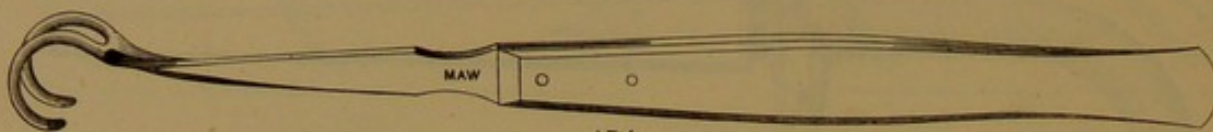
Figs. 146 }
to 151. } CANULAS, EXPANDING, PARKER'S.

FOR TRACHEOTOMY (*Continued*).

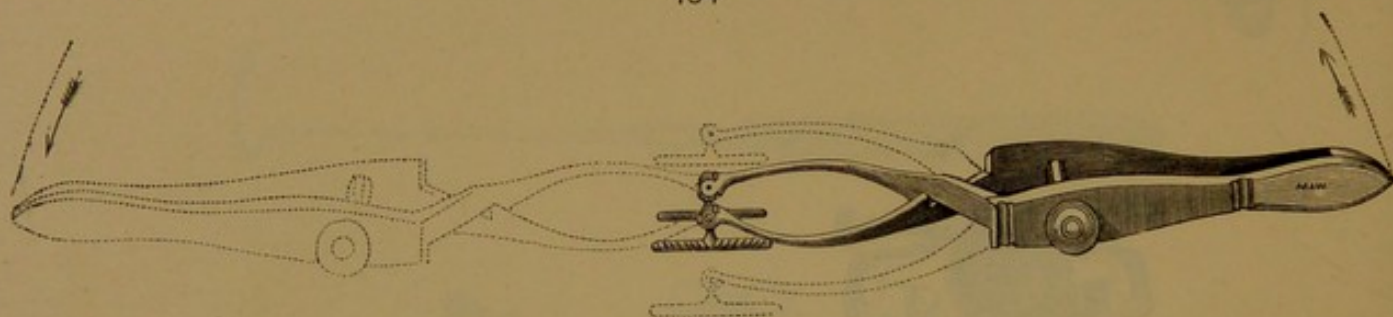
152



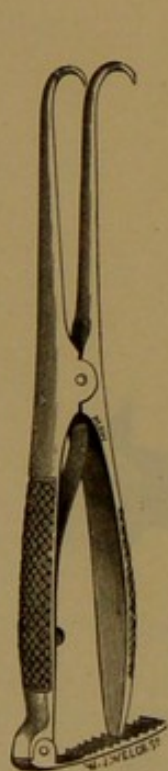
153



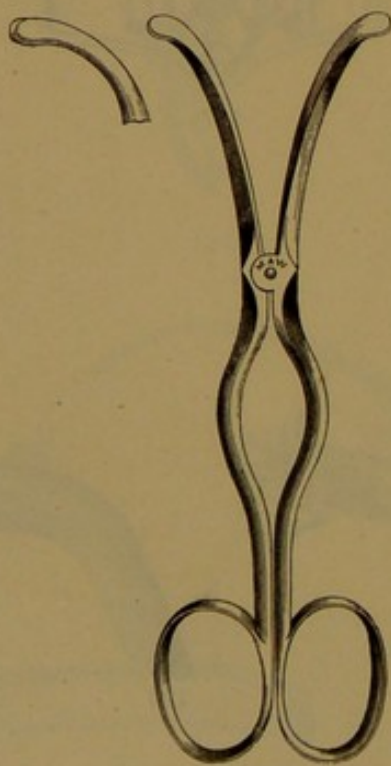
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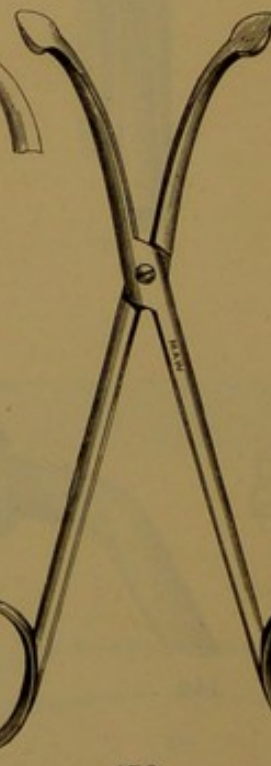
155



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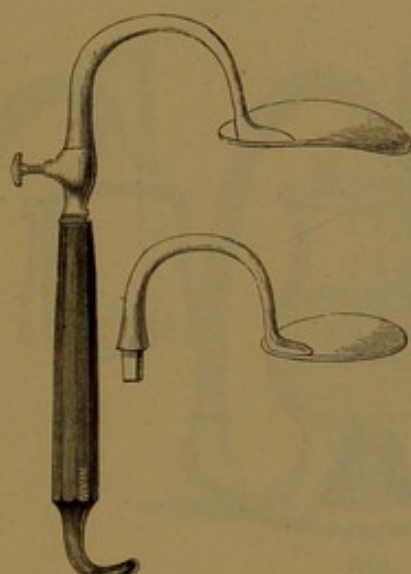
Fig. 152. HOOK, BLUNT, GROOVED.
 Fig. 153. HOOK, SHARP, GROOVED.
 Fig. 154. HOOK, DOUBLE.

Fig. 155. TRACTOR, PARKER'S.
 Figs. 156 } TRACHEA DILATORS.
 to 159. }

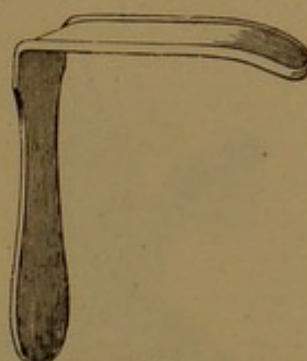
TONGUE DEPRESSORS, ETC.



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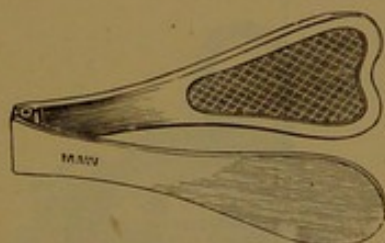
166



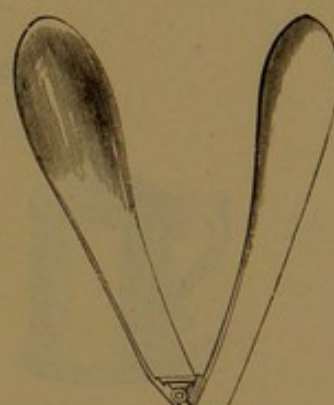
163



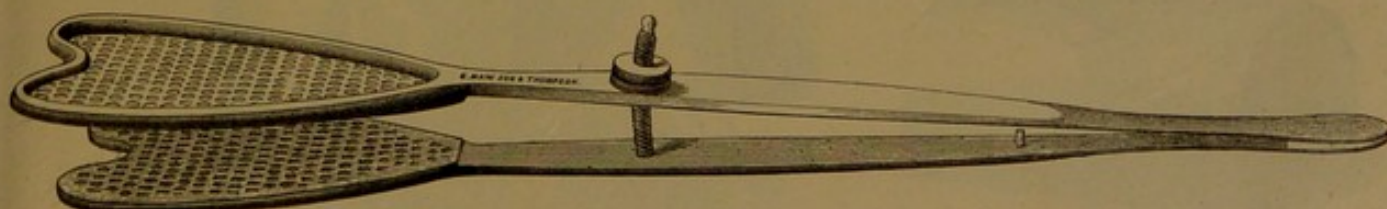
164



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Fig. 160. HINGED, GROOVED ENDS.

Fig. 161. HINGED, CONCAVE BLADES.

Fig. 162. HINGED, SERRATED BLADES.

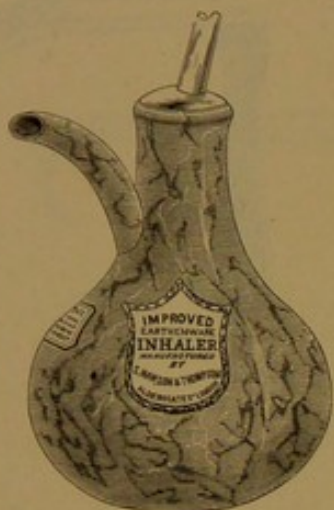
Fig. 163. RECTANGULAR.

Fig. 164. STRAIGHT, CONCAVE BLADES.

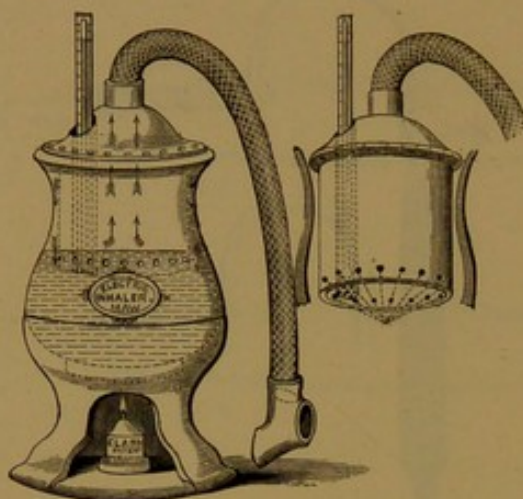
Fig. 165. TONGUE FORCEPS, DOBELL'S.

Fig. 166. TÜRCK'S.

MOUTH AND THROAT INHALERS.



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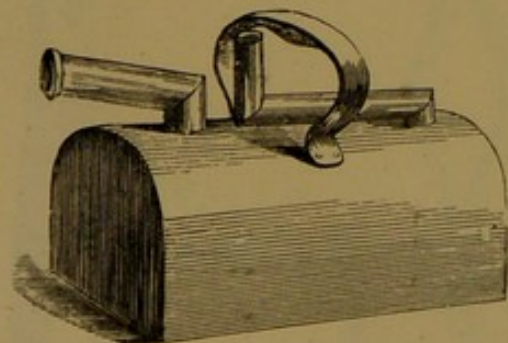
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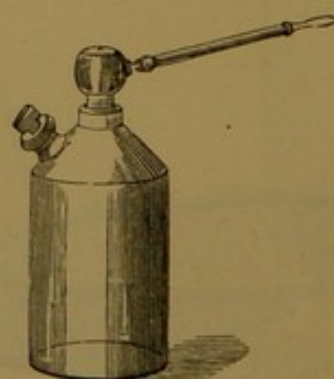
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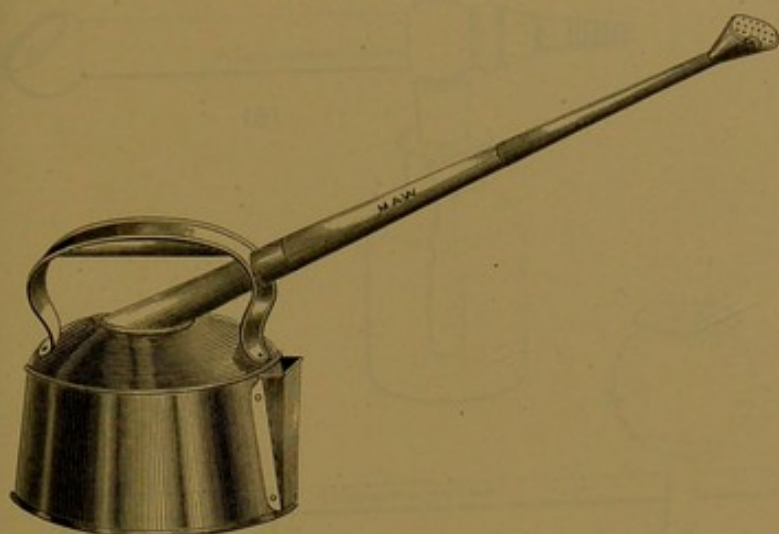


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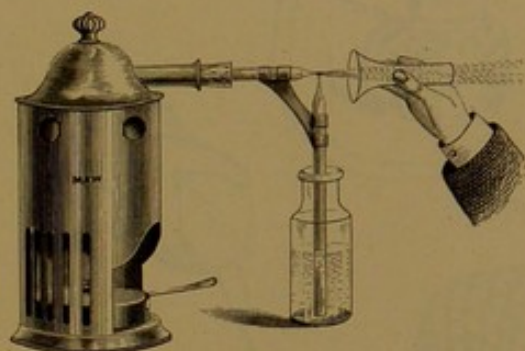
Fig. 167. GLASS FOR IODINE.
 Fig. 168. MACKENZIE'S.
 Fig. 169. MAW'S, DOUBLE-VALVED.
 Fig. 170. MAW'S, DOUBLE-VALVED.

Fig. 171. MAW'S.
 Fig. 172. MUDGE'S.
 Fig. 173. RAMAGE'S.
 Fig. 174. WATSON'S.

MOUTH AND THROAT INHALERS, KETTLES, ETC.



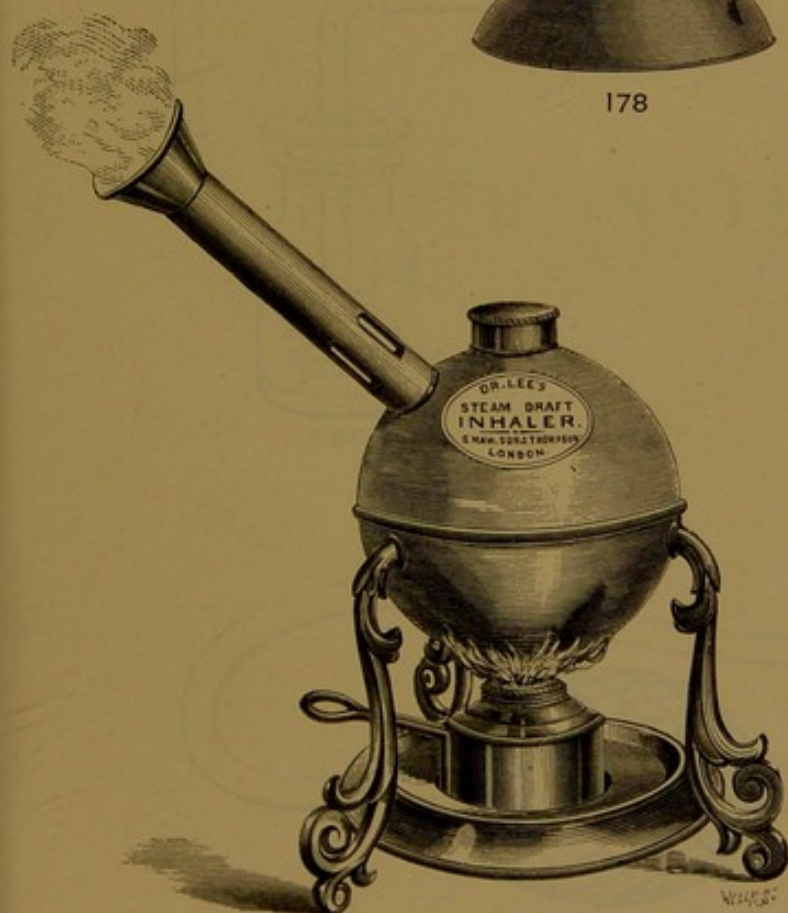
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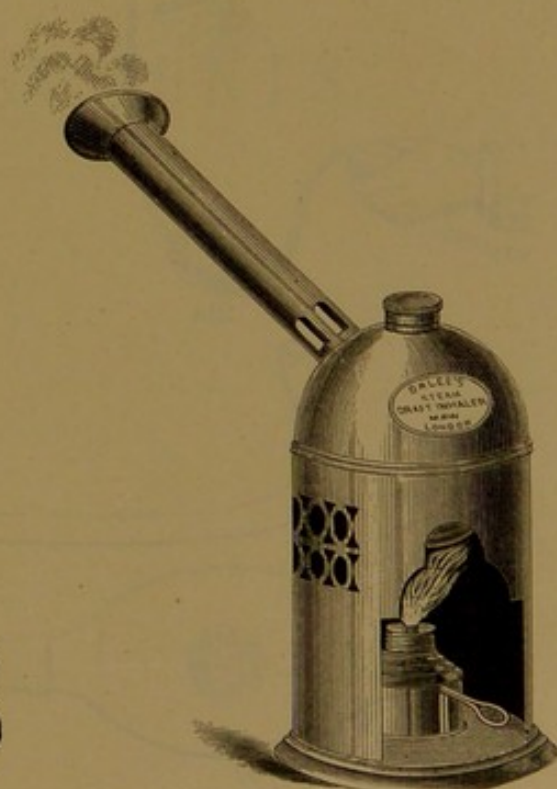
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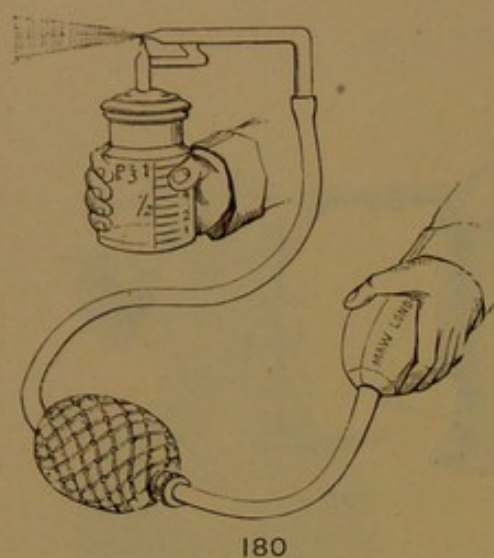


176

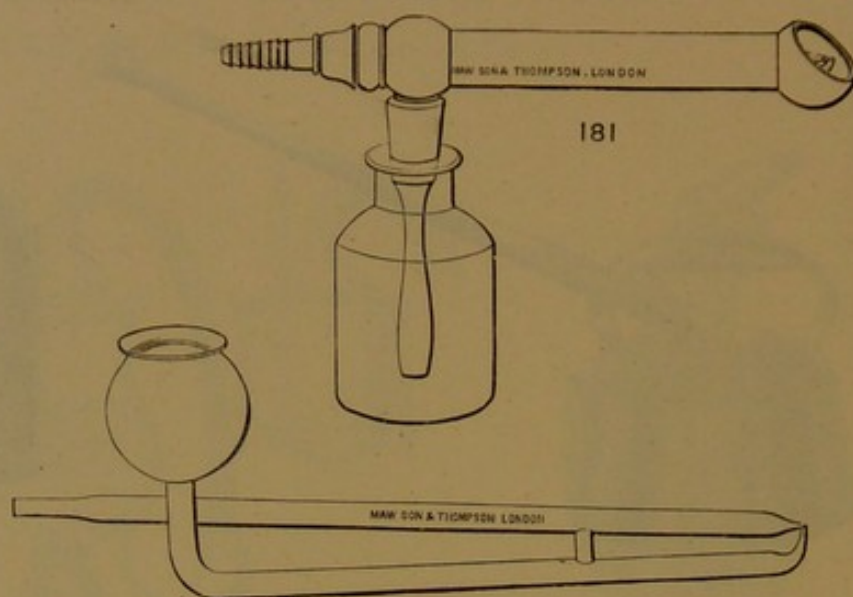
Fig. 175. INHALER, STEAM DRAFT, LEE'S.
Fig. 176. INHALER, STEAM DRAFT, CLOSED
BODY.

Fig. 177. INHALER, SIEGLE'S.
Fig. 178. KETTLE, MAW'S, }
Fig. 179. KETTLE, MAW'S, } FOR THE FIRE.

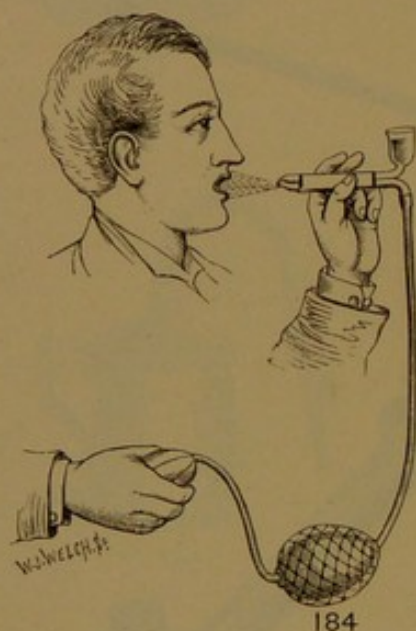
SPRAY PRODUCERS FOR THE MOUTH AND THROAT.



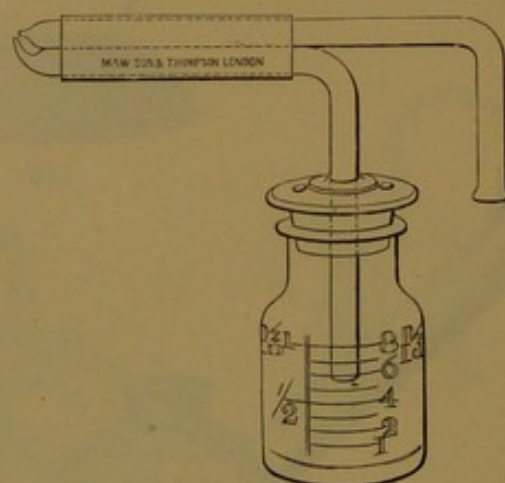
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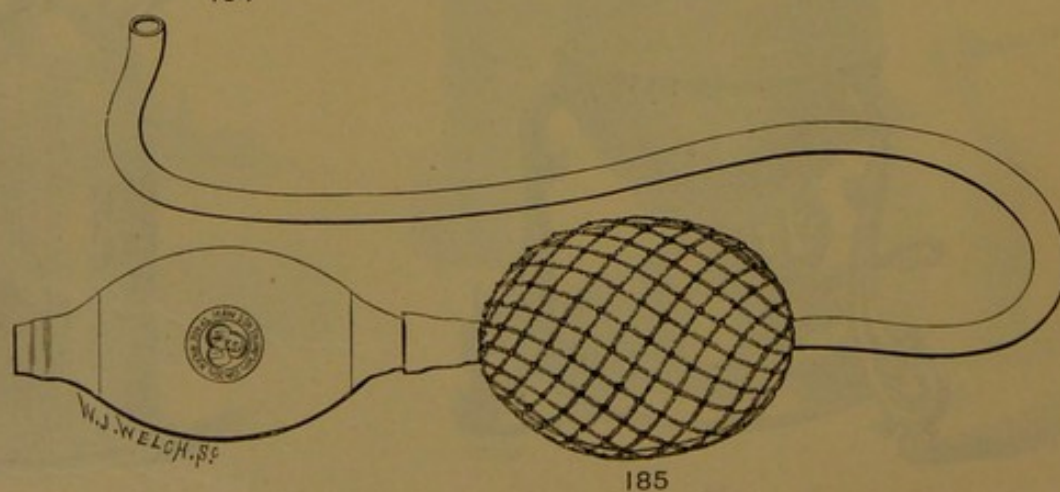
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Fig. 180. CLARK'S.

Fig. 181. DEWAR'S.

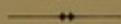
Fig. 182. MAUNDER'S.

Fig. 183. MAW'S.

Fig. 184. PROSSER JAMES'.

Fig. 185. BELLOWS ADAPTABLE TO EITHER OF THE ABOVE.

SECTION VII.



TOOTH INSTRUMENTS.

CONTENTS OF SECTION VII.

BURNISHERS
BURRS.
DRILLS.
ELEVATORS.
ENAMEL CUTTERS.
EXCAVATORS.

FORCEPS.
FORCEPS IN POUCHES.
GUM LANCETS.
IMPRESSION TRAYS.
KEYS.
PLUGGERS.

SCALERS.
SPATULA.
STOPPERS.
SYRINGES.
TOOTH MIRRORS.

FORCEPS FOR EXTRACTION.

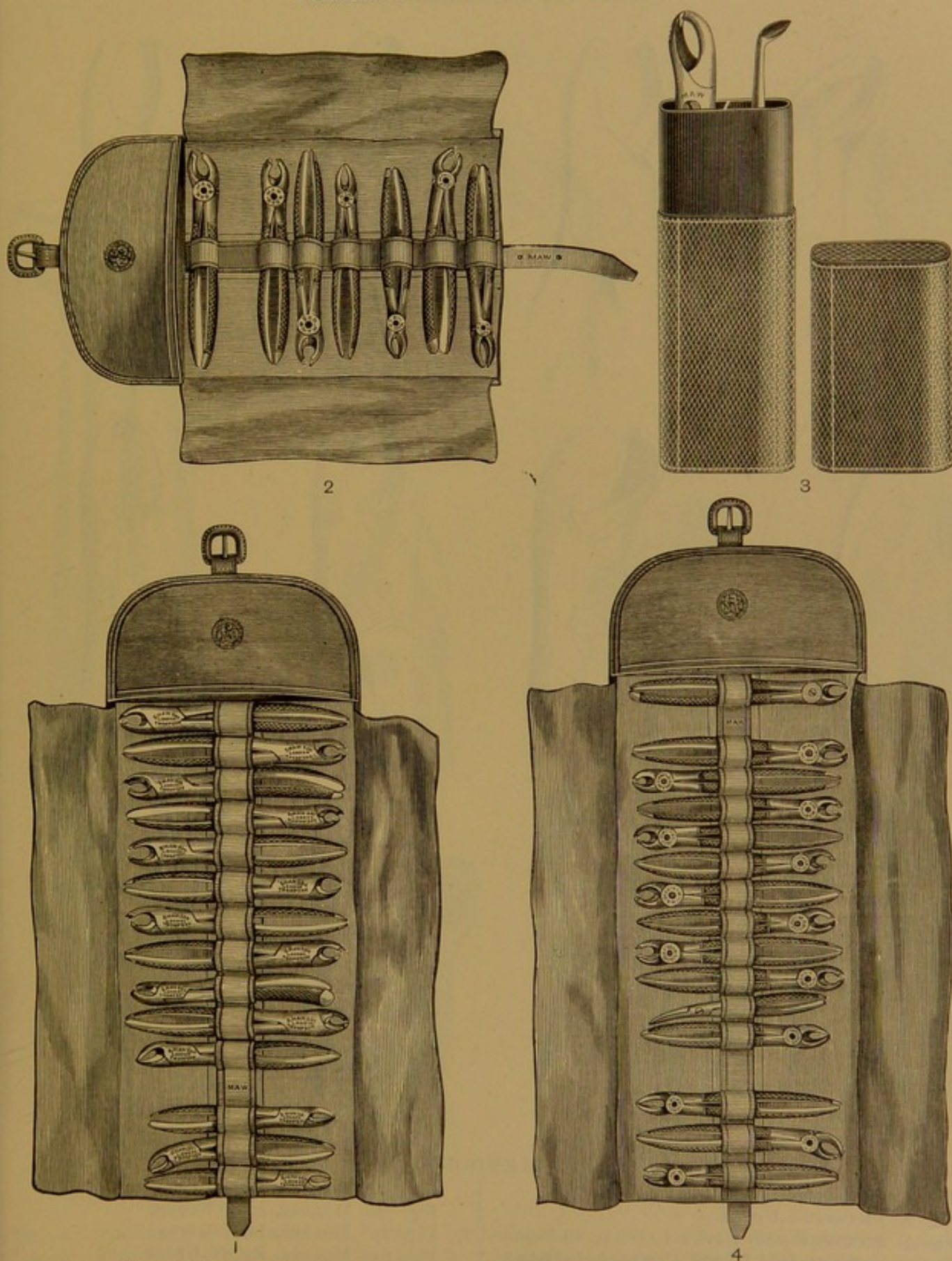
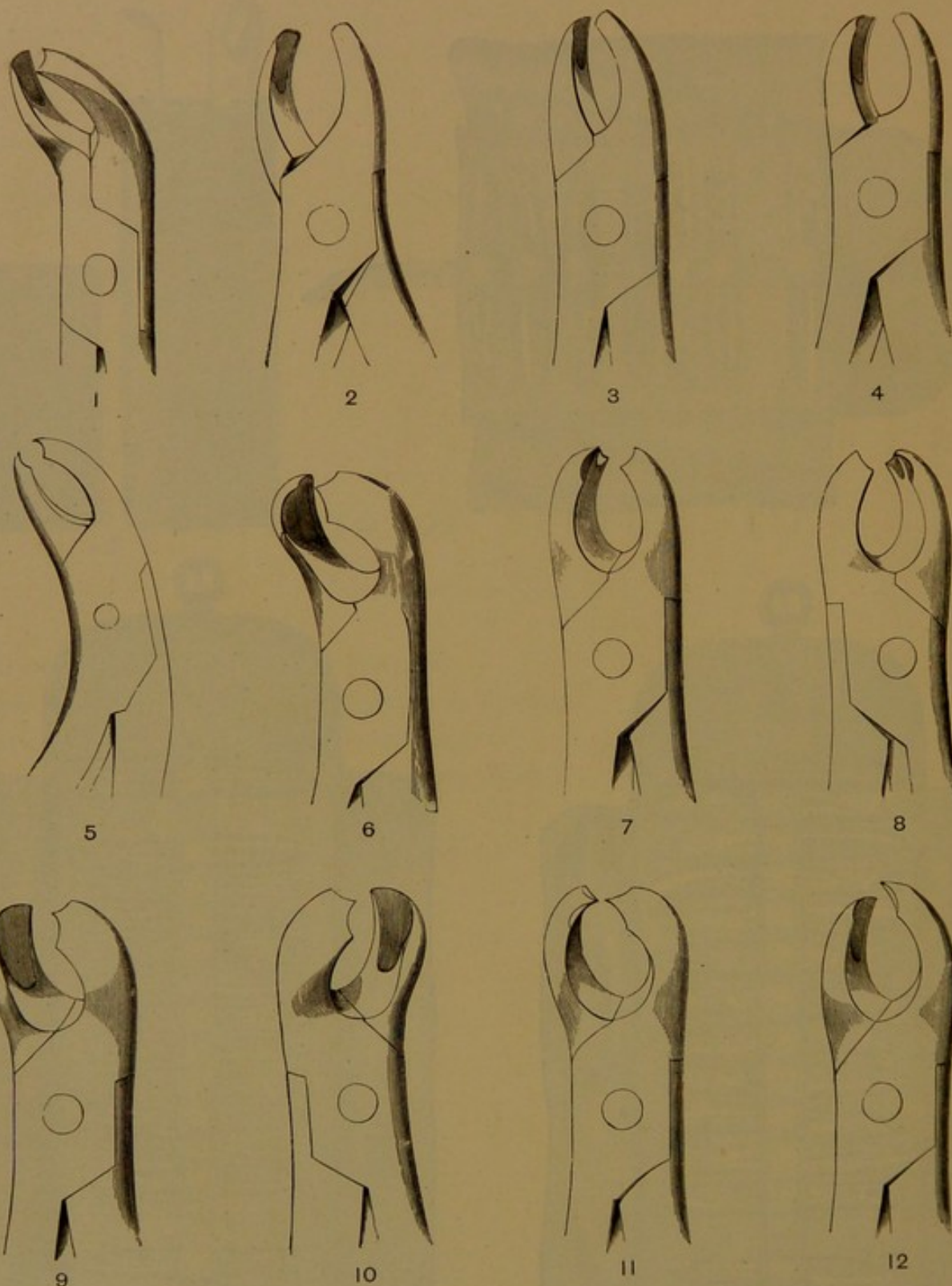


Fig. 1. CLENDON'S.

Fig. 2. DRUITT'S.

Fig. 3. GORDON'S.

Fig. 4. TOMES'.

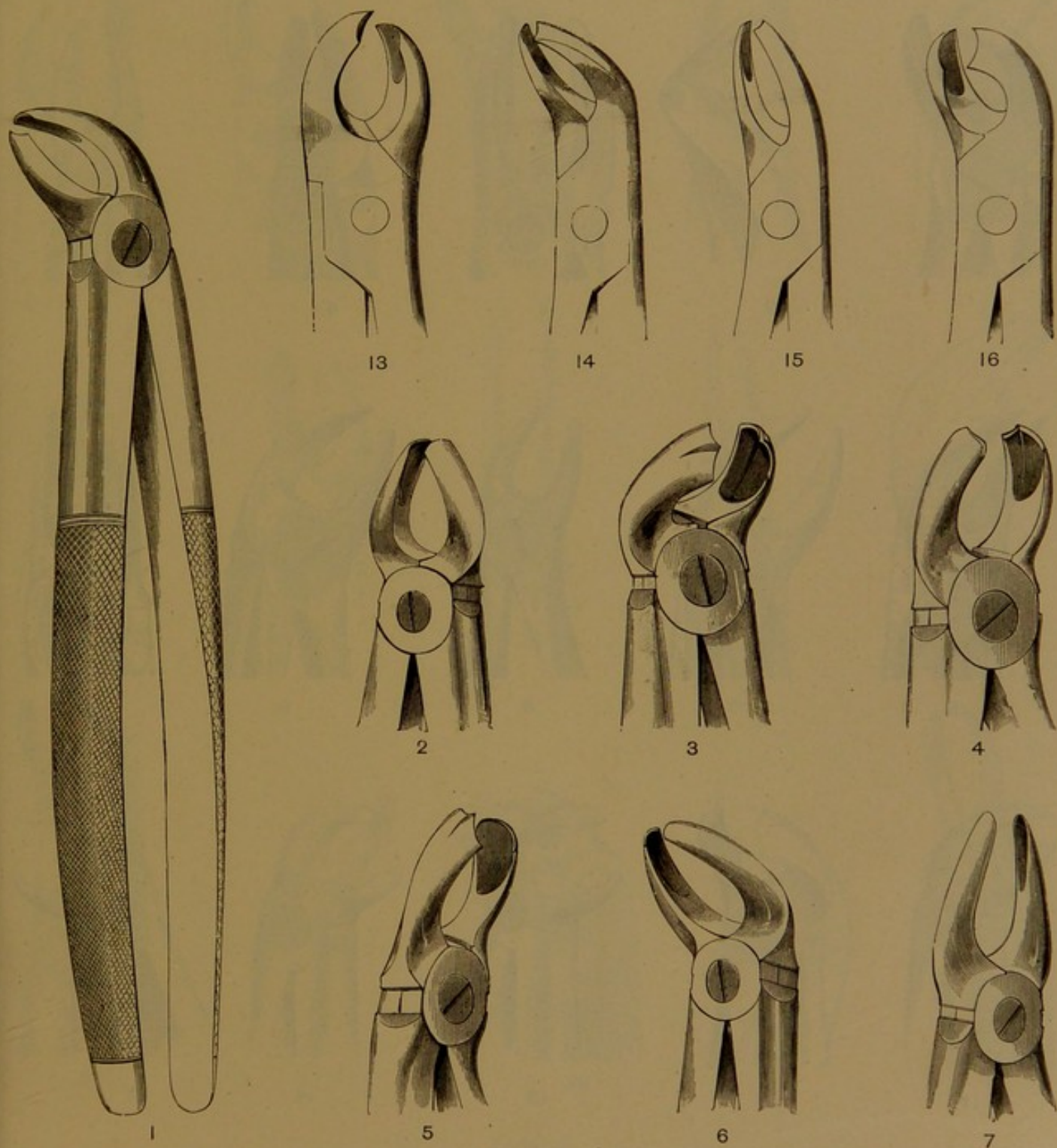
FORCEPS FOR EXTRACTION (*Continued*).

CLENDON'S.

- Fig. 1. BICUSPIDS, LOWER.
 Fig. 2. BICUSPIDS, UPPER.
 Fig. 3. BICUSPIDS AND UPPER LATERAL INCISORS.
 Fig. 4. CANINES AND UPPER CENTRAL INCISORS.
 Fig. 5. INCISORS, LOWER CENTRAL.
 Fig. 6. MOLARS, LOWER.

- Fig. 7. MOLARS, RIGHT UPPER.
 Fig. 8. MOLARS, LEFT UPPER.
 Fig. 9. MOLARS, LEFT UPPER.
 Fig. 10. MOLARS, RIGHT UPPER.
 Fig. 11. MOLAR STUMPS, LOWER.
 Fig. 12. MOLAR STUMPS, LEFT UPPER.

FORCEPS FOR EXTRACTION (*Continued*).



CLENDON'S.

- Fig. 13. MOLAR STUMPS, RIGHT UPPER.
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 Fig. 16. WISDOM.

DRUITT'S.

- Fig. 1. BICUSPIDS, LOWER.
 Fig. 2. BICUSPIDS & INCISORS,
 UPPER.
 Fig. 3. MOLARS, LOWER.
 Fig. 4. MOLARS, LEFT UPPER.
 Fig. 5. MOLARS, RIGHT UPPER.
 Fig. 6. STUMPS, LOWER.
 Fig. 7. STUMPS, UPPER.

FORCEPS FOR EXTRACTION (*Continued*).

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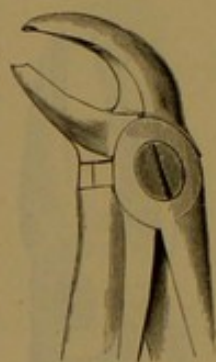
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10



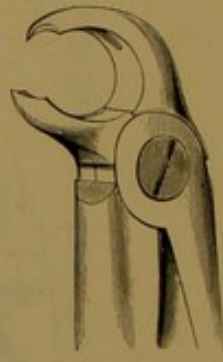
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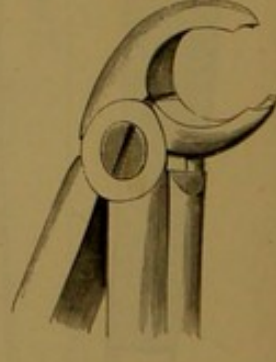
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TOMES'.

- Fig. 1. BICUSPIDS, LOWER.
 Fig. 2. BICUSPIDS, LOWER TEM-
 PORARY.
 Fig. 3. BICUSPIDS, UPPER.
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 Fig. 11. INCISORS, LOWER.

- Fig. 12. MOLARS, LOWER.
 Fig. 13. MOLARS, LOWER.
 Fig. 14. MOLARS, LEFT LOWER.
 Fig. 15. MOLARS, RIGHT LOWER.

FORCEPS FOR EXTRACTION (Continued).



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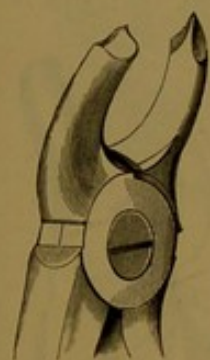
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TOMES'.

- Fig. 16. MOLARS, RIGHT UPPER.
 Fig. 17. MOLARS, LEFT UPPER.
 Fig. 18. MOLARS, LOWER TEMPORARY.
 Fig. 19. MOLARS, UPPER TEMPORARY.
 Fig. 20. MOLAR STUMPS, LOWER.

- Fig. 21. MOLAR STUMPS, LEFT UPPER.
 Fig. 22. MOLAR STUMPS, RIGHT UPPER.
 Fig. 23. } ROOTS.
 Fig. 24. }
 Figs. 25 } STUMPS.
 to 30. }

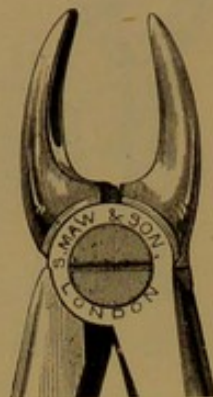
FORCEPS AND KEYS FOR EXTRACTION.



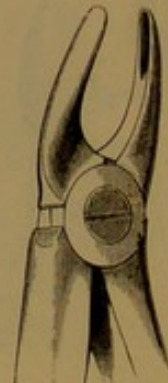
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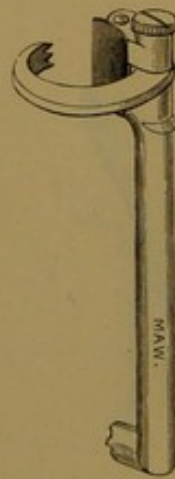
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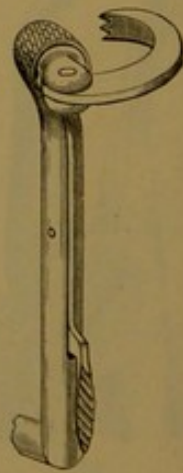
1



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4

FORCEPS, TONES'.

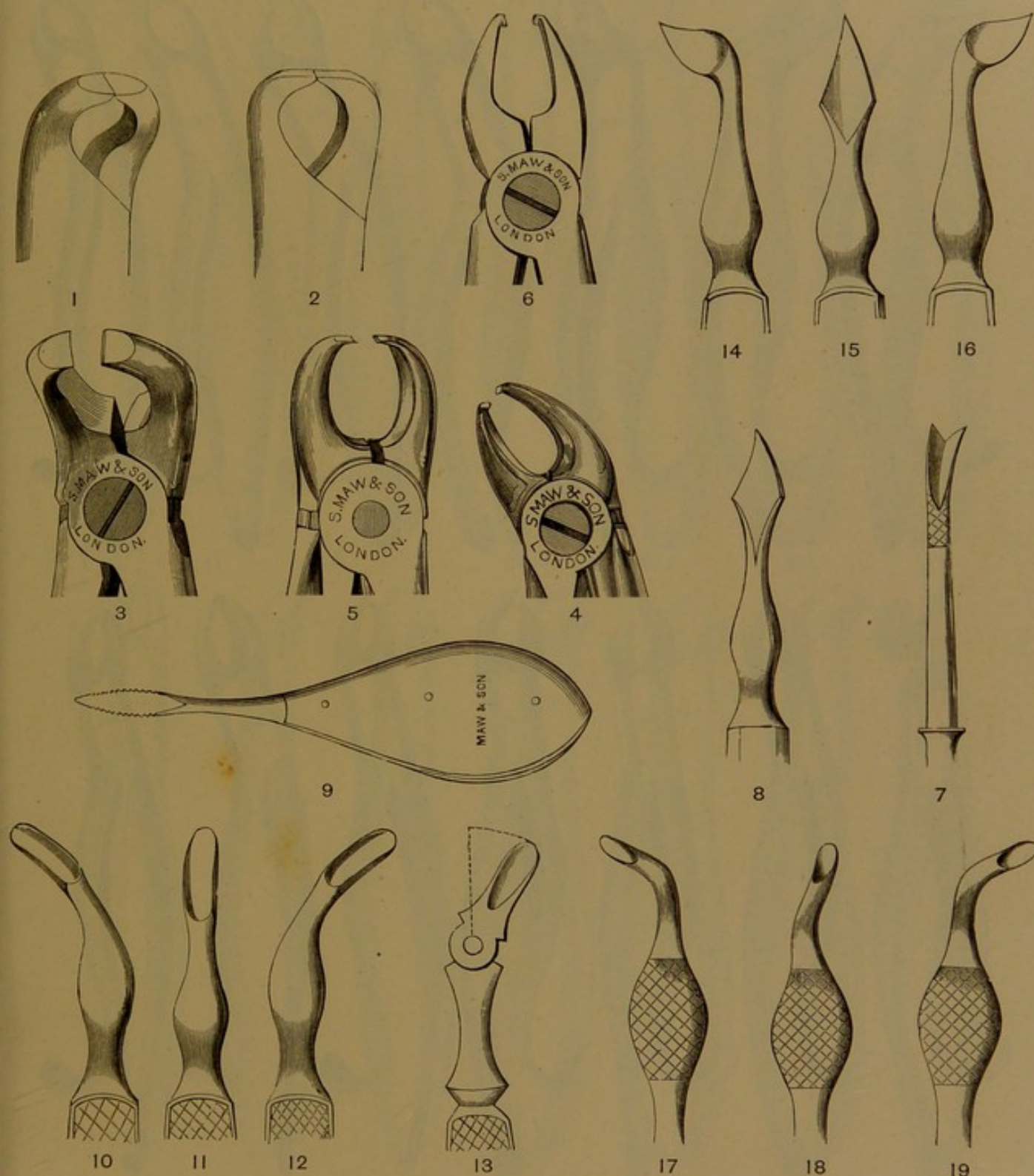
Fig. 31. }
 Fig. 32. } STUMPS, UPPER.
 Fig. 33. }
 Fig. 34. }
 Fig. 35. }

Fig. 36. STUMPS, TRI-FANGED.
 Fig. 37. STUMPS, TRI-FANGED.
 Fig. 38. WISDOM, LOWER.
 Fig. 39. WISDOM, UPPER.

KEYS.

Fig. 1. FOX'S.
 Fig. 2. FOX'S, WITH SPRING BOLT.
 Fig. 3. REVOLVING PLATE ON FULCRUM.
 Fig. 4. REVOLVING FULCRUM.

FORCEPS AND ELEVATORS FOR EXCISION AND EXTRACTION.



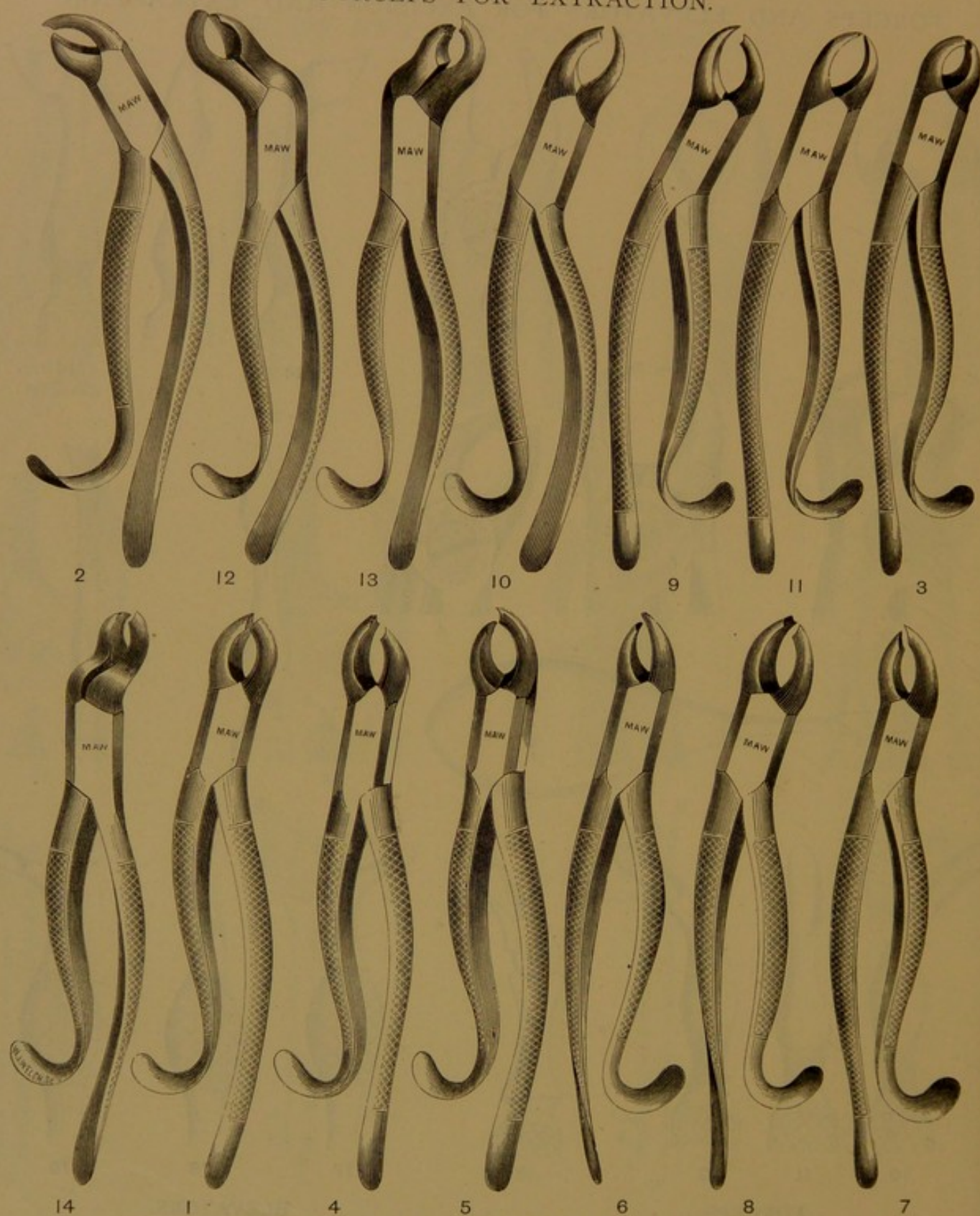
FORCEPS.

- Fig. 1. CLENDON'S, LOWER.
 Fig. 2. CLENDON'S, UPPER.
 Fig. 3. TOMES', LOWER.
 Fig. 4. TOMES', LOWER.
 Fig. 5. TOMES', UPPER.
 Fig. 6. TOMES', UPPER.

ELEVATORS.

- Fig. 7. ELEVATOR OR PUNCH.
 Fig. 8. ELEVATOR, BELL'S.
 Fig. 9. ELEVATOR, AS USED AT GUY'S.
 Figs. 10 to 13. ELEVATORS, CLENDON'S.
 Figs. 14 to 16. ELEVATORS, SAUNDERS'.
 Figs. 17 to 19. ELEVATORS, THOMSON'S.

FORCEPS FOR EXTRACTION.



AMERICAN PATTERNS.

- Fig. 1. BICUSPIDS, UPPER.
 Fig. 2. INCISORS, LOWER CENTRAL.
 Fig. 3. MOLARS, UPPER, EITHER SIDE.
 Fig. 4. } MOLARS, UPPER, RIGHT AND LEFT.
 Fig. 5. }
 Fig. 6. MOLARS, UPPER, EITHER SIDE.
 Fig. 7. MOLARS, UPPER, LEFT.

- Fig. 8. MOLARS, UPPER, RIGHT.
 Fig. 9. } MOLARS, UPPER, RIGHT AND LEFT, COW
 Fig. 10. } HORN.
 Fig. 11. MOLARS, LOWER, COW HORN.
 Fig. 12. } WISDOM, UPPER, RIGHT AND LEFT.
 Fig. 13. }
 Fig. 14. WISDOM, UPPER, EITHER SIDE.

FORCEPS FOR EXTRACTION—AMERICAN PATTERNS (*Continued*).

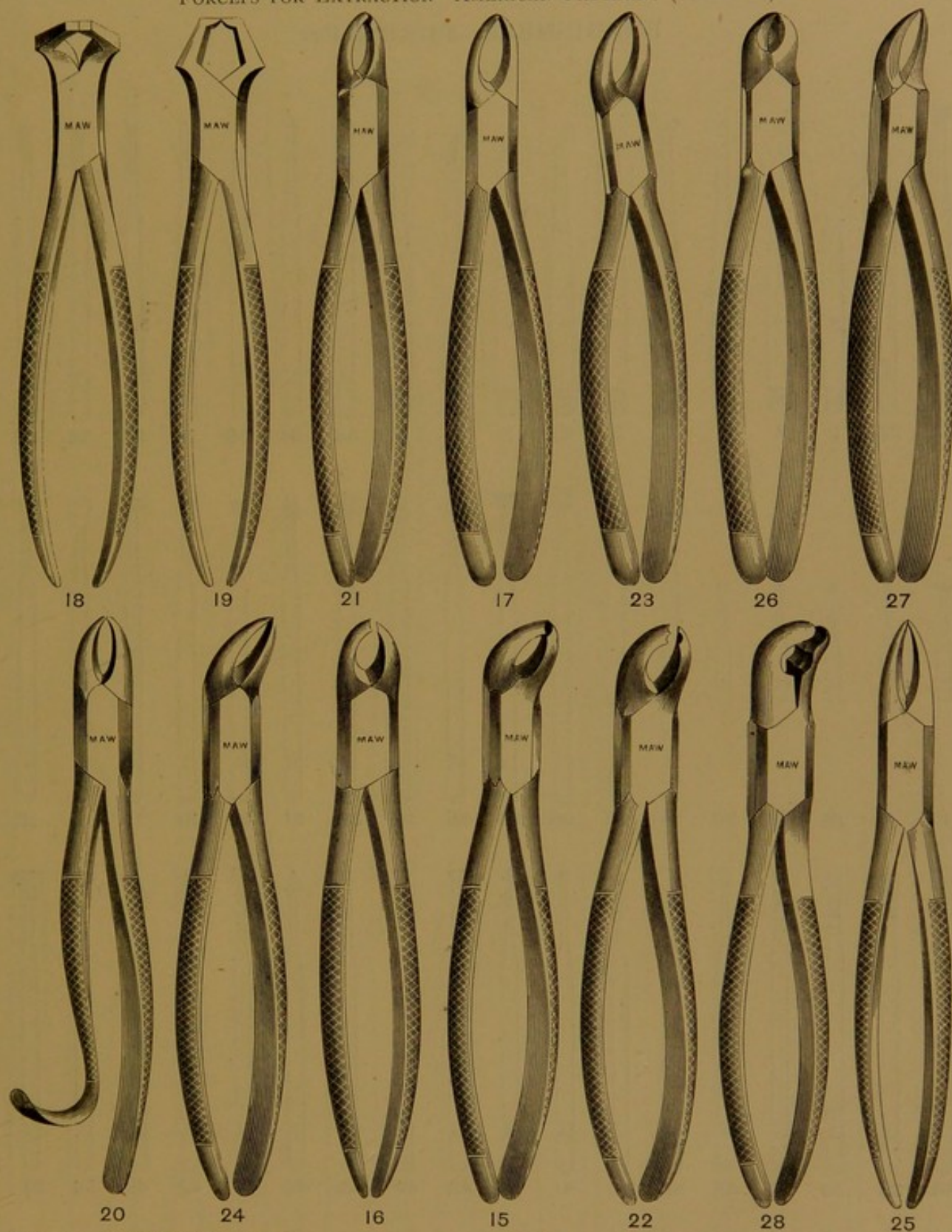
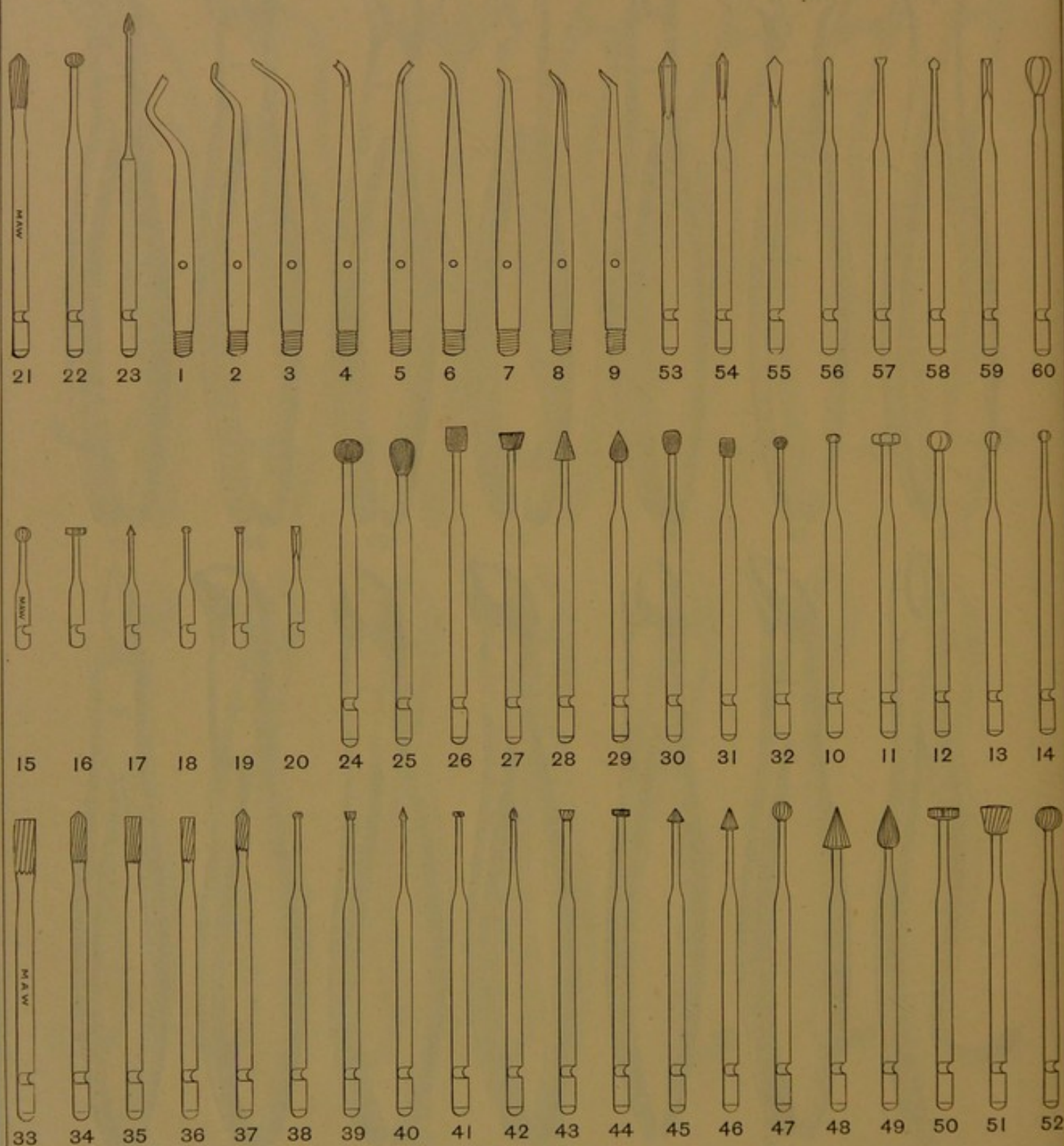


Fig. 15. BICUSPIDS, LOWER.
 Fig. 16. BICUSPIDS, UPPER.
 Fig. 17. CROWDED TEETH, UPPER.
 Fig. 18. EXCISING, LOWER.
 Fig. 19. EXCISING, UPPER.
 Fig. 20. INCISORS, UPPER CENTRAL.
 Fig. 21. INCISORS, UPPER LATERAL.

Fig. 22. MOLARS, LOWER, EITHER SIDE.
 Fig. 23. ROOTS, LOWER.
 Fig. 24. ROOTS, LOWER.
 Fig. 25. ROOTS, UPPER.
 Fig. 26. SEPARATING OR SPLITTING.
 Fig. 27. SEPARATING OR SPLITTING.
 Fig. 28. WISDOM, LOWER, EITHER SIDE.

BURNISHERS, BURRS, ETC.

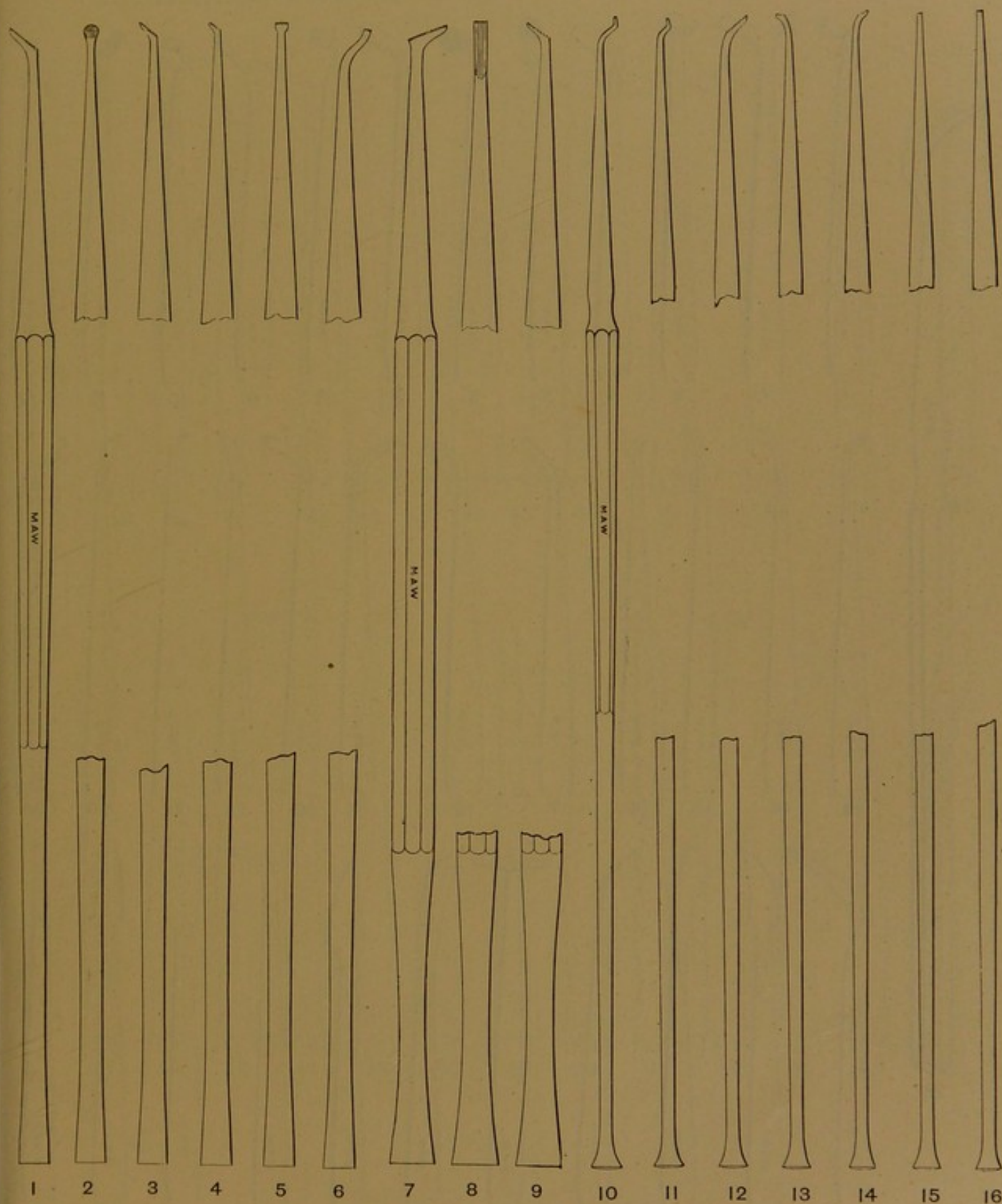


ADAPTABLE TO THE AUTOMATIC MALLET.

Figs. 1 to 9. AUTOMATIC MALLET POINTS.
 Figs. 10 to 14. BURNISHERS.
 Figs. 15 to 20. BURRS, LOCK BIT.
 Figs. 21 to 23. BURRS, NERVE.

Figs. 24 to 32. BURRS, PLUG FINISHING.
 Figs. 33 to 52. BURRS, FOR STRAIGHT HAND-PIECE.
 Figs. 53 to 60. DRILLS.

MALLET PLUGGERS.



WITH OCTAGON CENTRES.

Figs. 1 to 6. BUTLER'S.

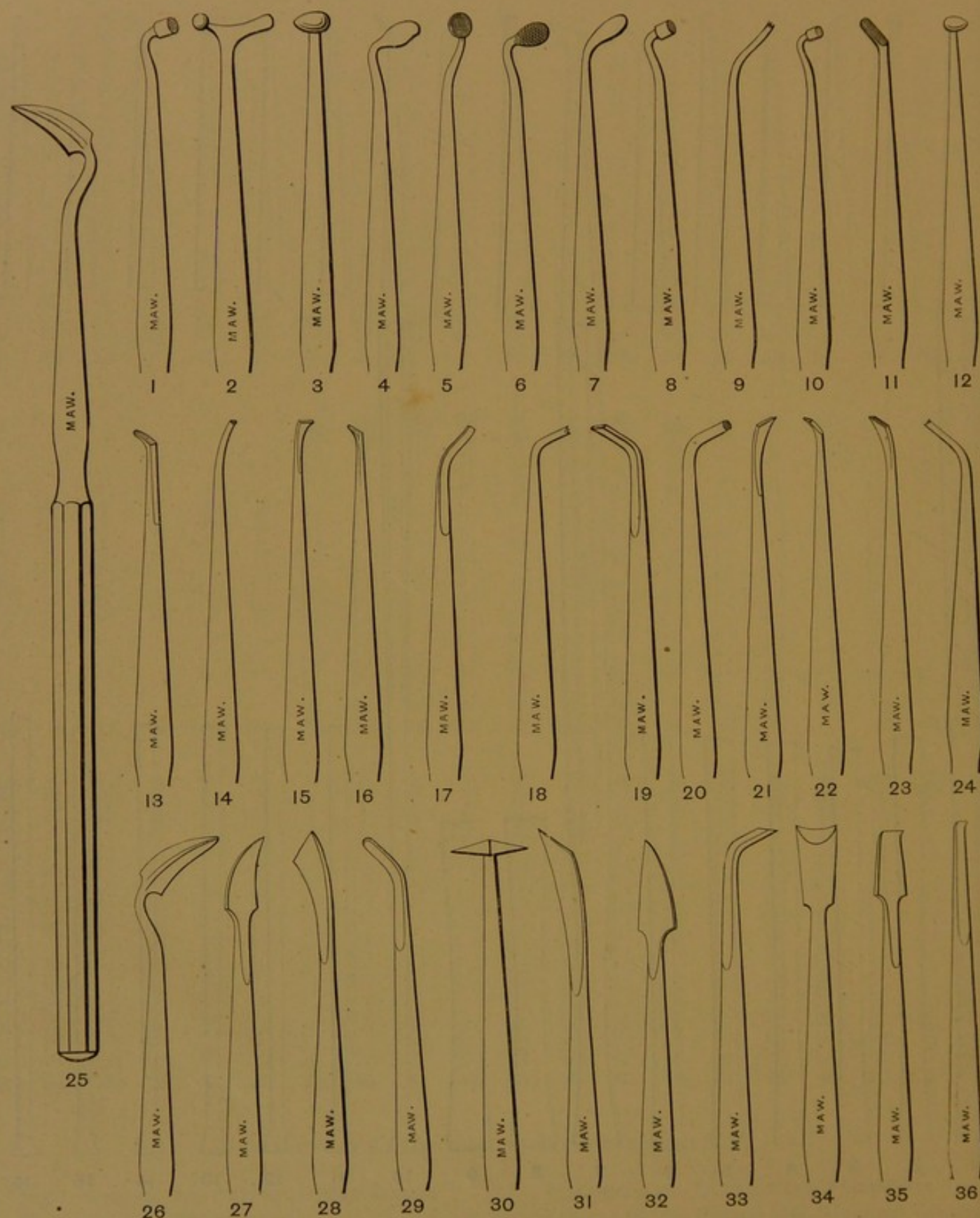
||

Figs. 7 to 9. STEVEN'S.

||

Figs. 10 to 16. VARNY'S.

BURNISHERS, PLUGGERS, AND SCALERS.



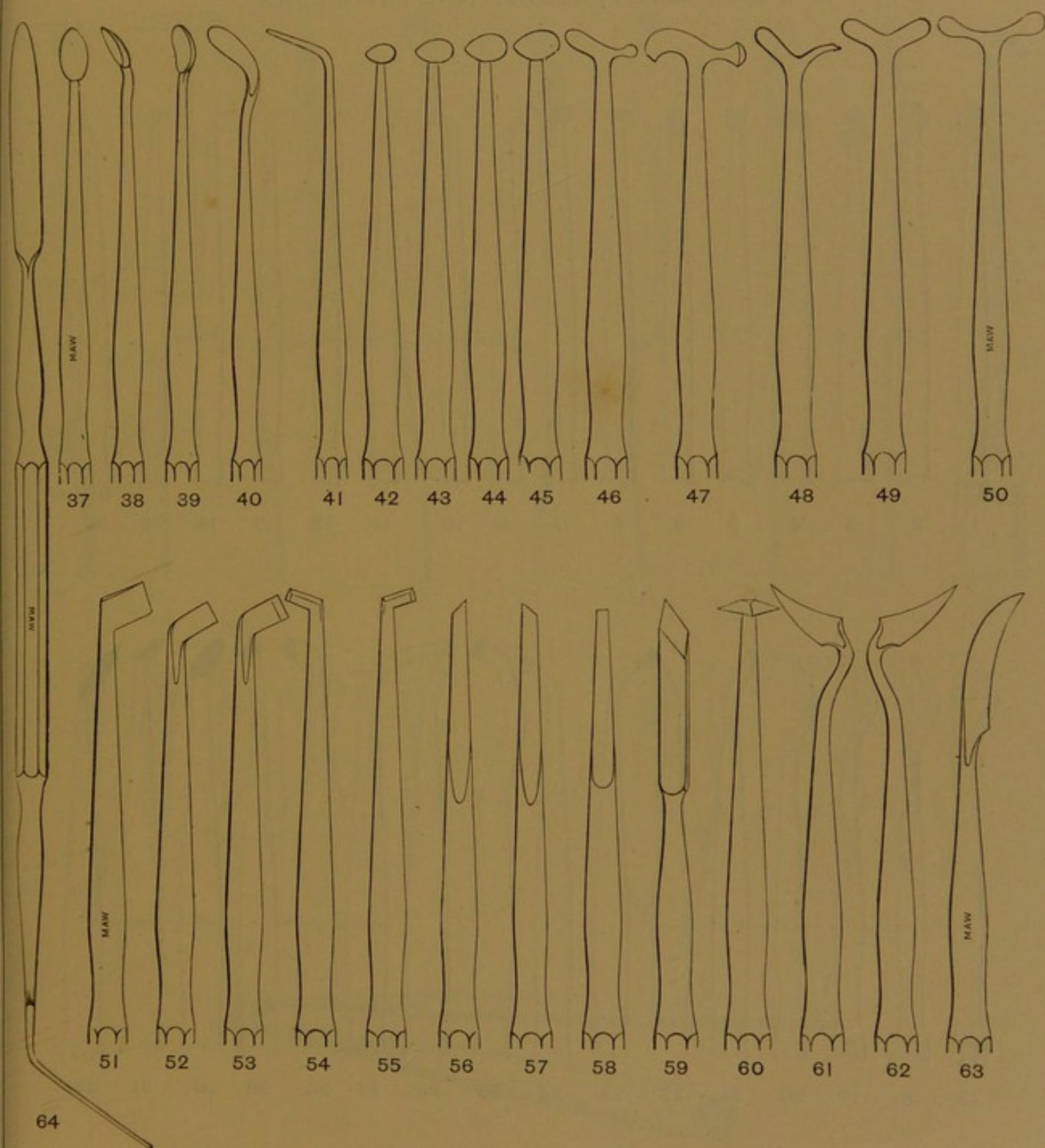
OCTAGON STEEL HANDLES.

Figs. 1 to 12. BURNISHERS.

|| Figs. 13 to 24. PLUGGERS.

|| Figs. 25 to 36. SCALERS.

BURNISHERS, ENAMEL CUTTERS, SCALERS, AND SPATULA.

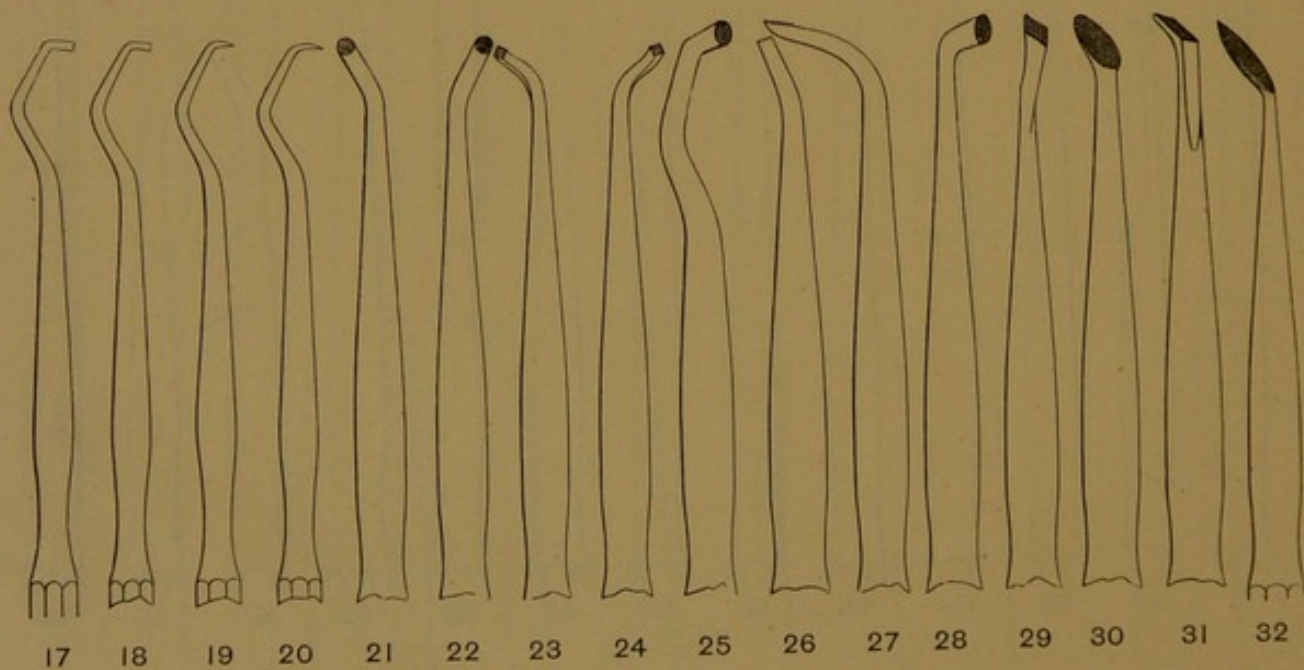
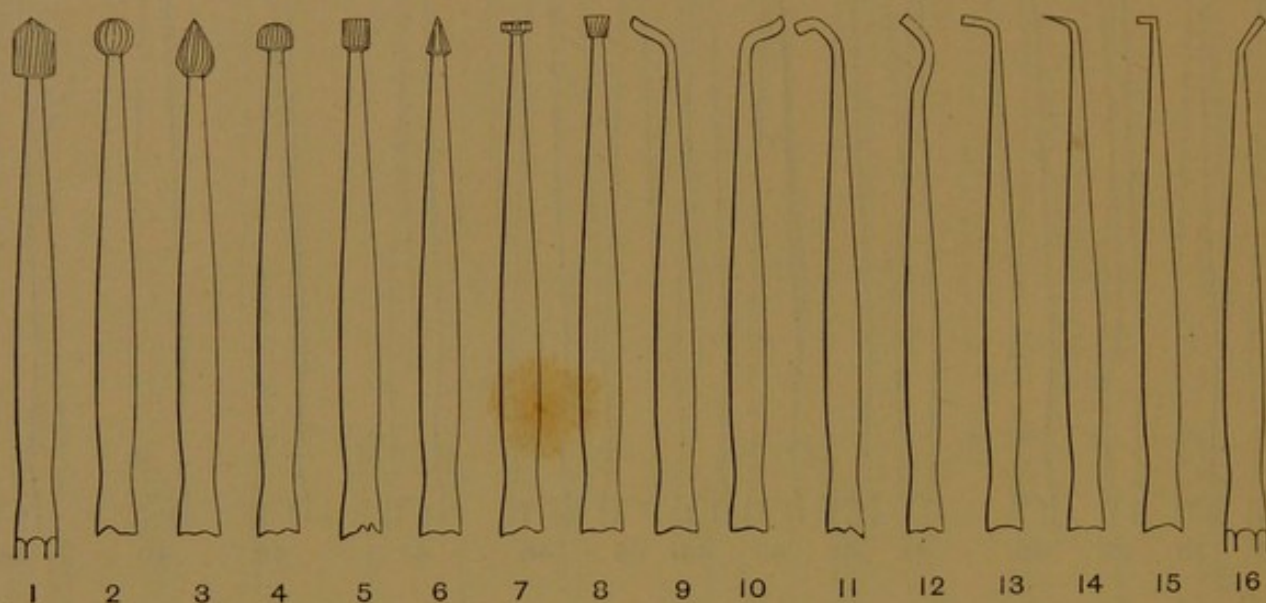


OCTAGON STEEL HANDLES.

Figs. 37 to 50. BURNISHERS.
Figs. 51 to 58. ENAMEL CUTTERS.

Figs. 59 to 63. SCALERS.
Fig. 64. SPATULA.

BURRS, EXCAVATORS, AND STOPPERS.



OCTAGON STEEL HANDLES.

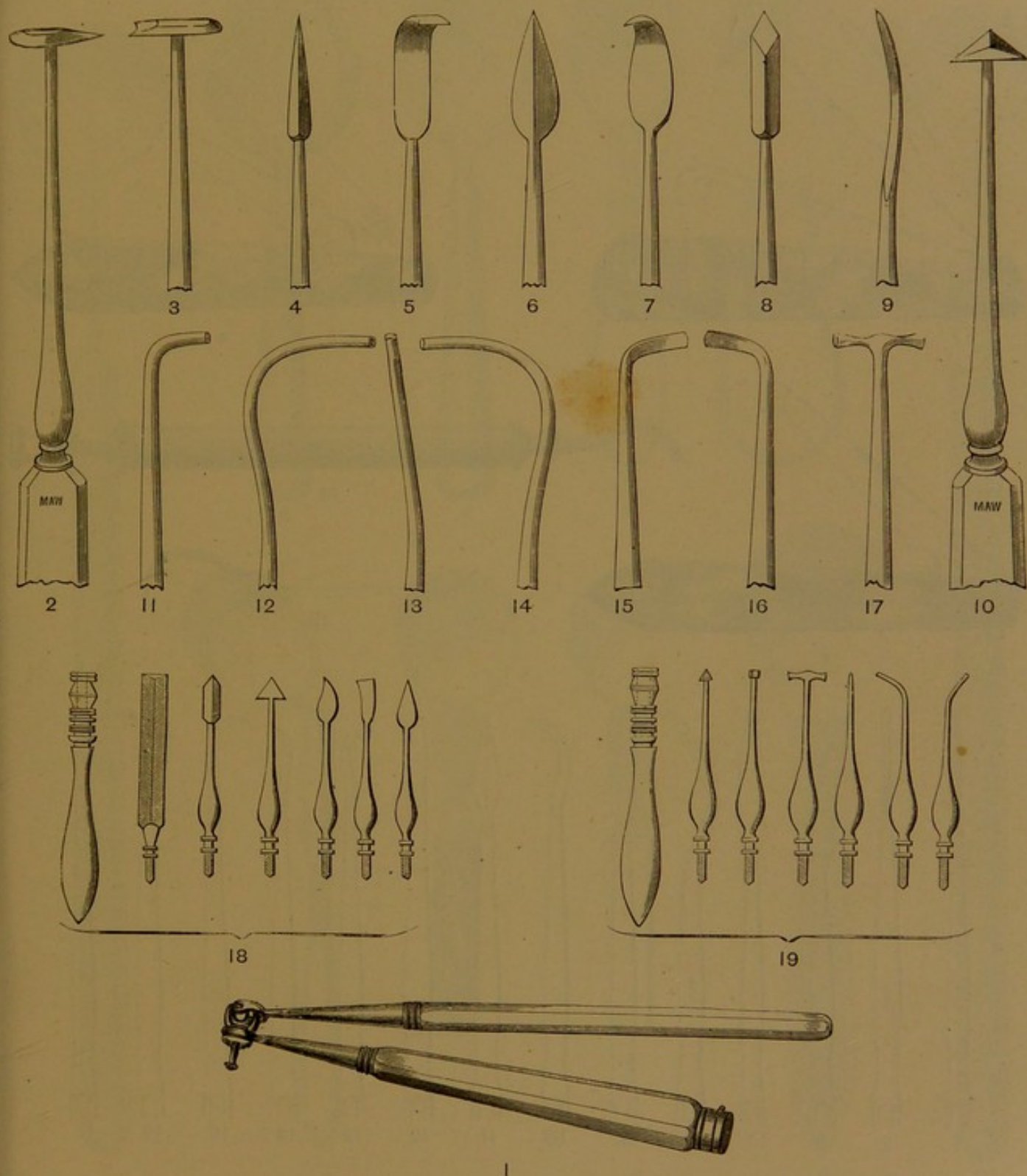
Figs. 1 to 8. BURRS.

Figs. 9 to 16. EXCAVATORS.

Figs. 17 to 20. EXCAVATORS.

Figs. 21 to 32. STOPPERS.

DRILLS, SCALERS, AND STOPPERS.

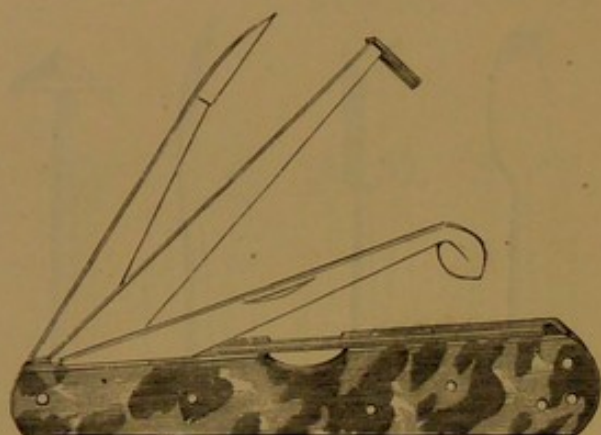


IN IVORY HANDLES.

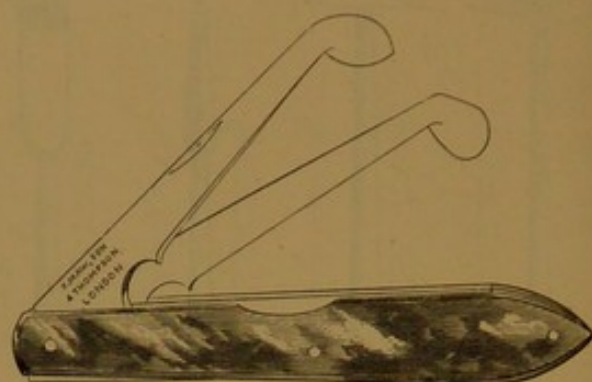
Fig. 1. DRILLS, WITH SWIVEL MOUNTED HANDLE.
Figs. 2 } SCALERS AND STOPPERS, BELL'S.
to 17.

Fig. 18. SCALERS, BELL'S, FITTING ONE HANDLE.
Fig. 19. STOPPERS, BELL'S, FITTING ONE HANDLE.

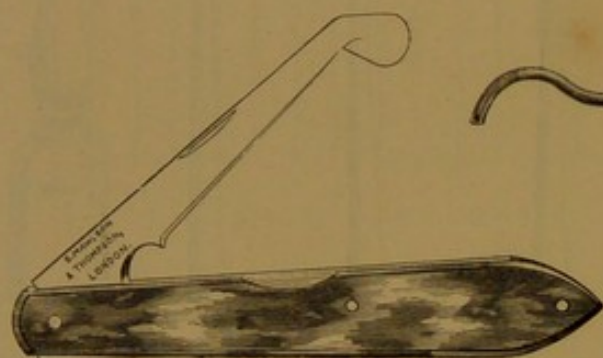
DRILLS, GUM LANCETS, SCALERS, AND SYRINGES.



5



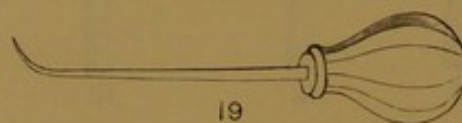
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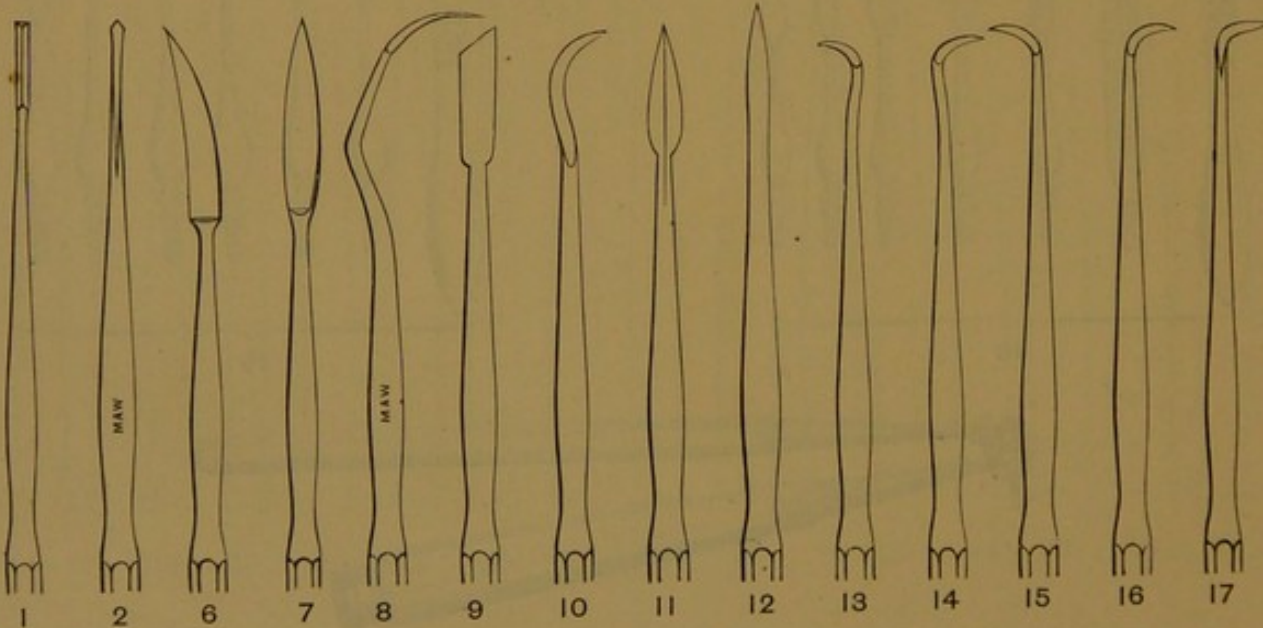
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- Fig. 1. DRILL.
 Fig. 2. DRILL.
 Fig. 3. LANCET, GUM, SINGLE.
 Fig. 4. LANCETS, GUM, DOUBLE.
 Fig. 5. LANCETS, GUM, THREE BLADES.
 Fig. 6. LANCET, STEEL HANDLE.

- Fig. 7. LANCET, STEEL HANDLE.
 Figs. 8 to 12. SCALERS, SMALL, OCTAGON HANDLES.
 Figs. 13 to 17. SCALERS, HOW'S.
 Fig. 18. SYRINGE, ELECTRO-PLATED.
 Fig. 19. SYRINGE, INDIA-RUBBER, SILVER PIPE.

TOOTH MIRRORS.

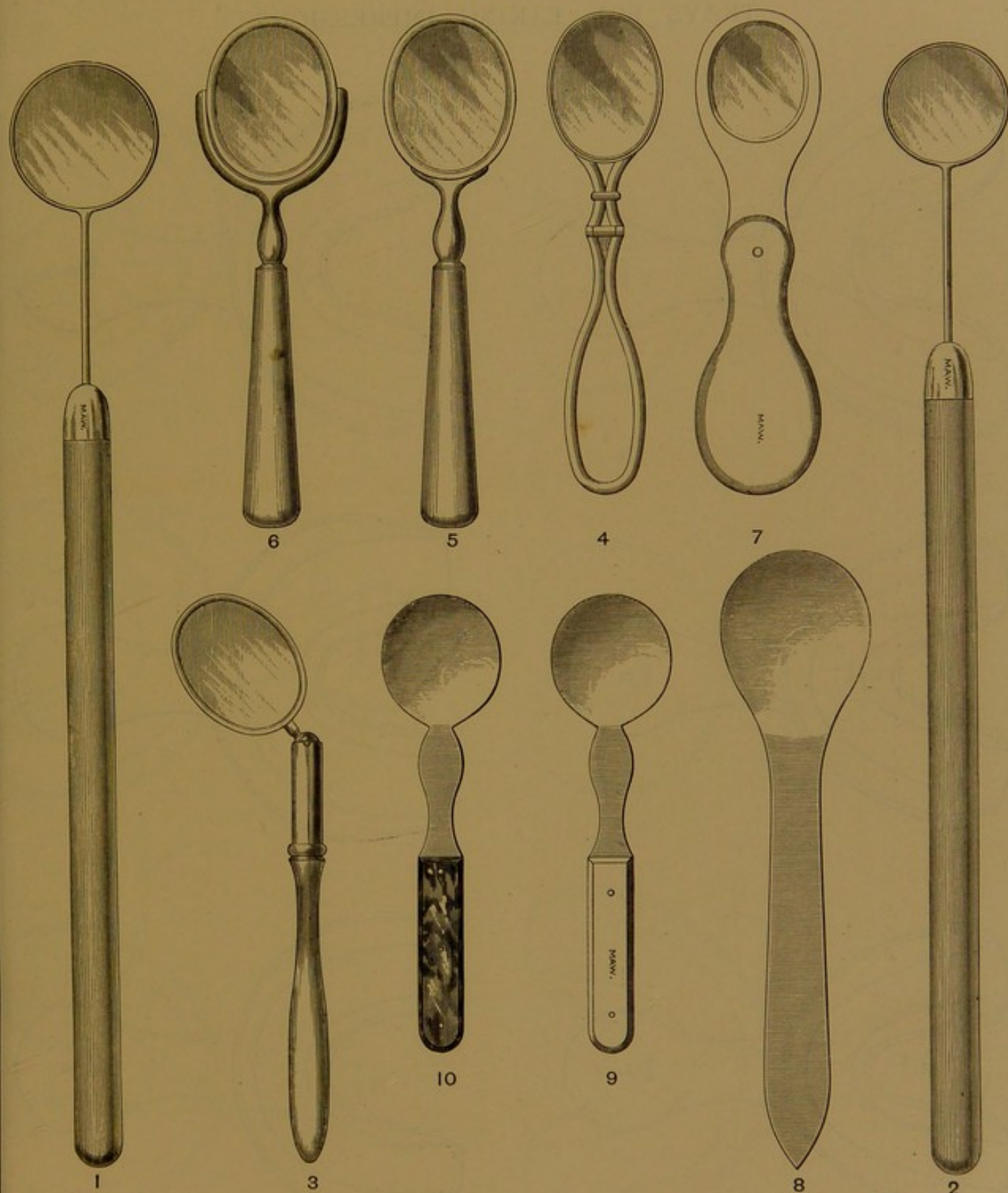
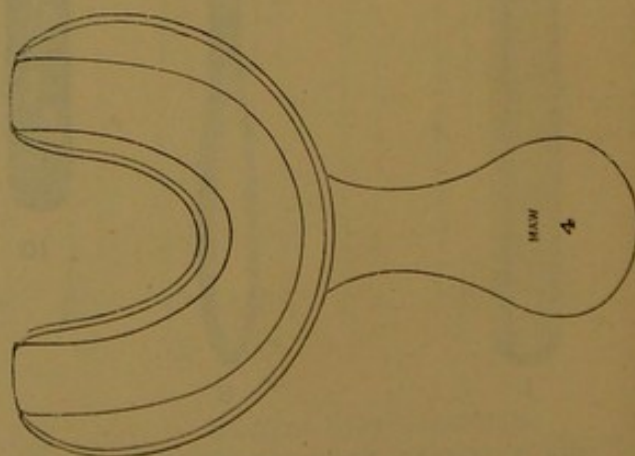
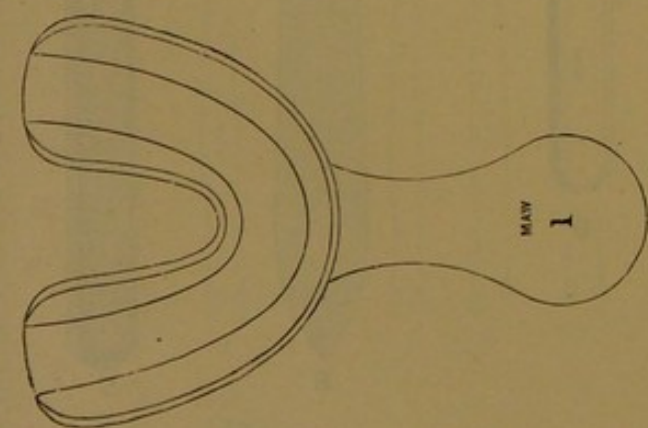
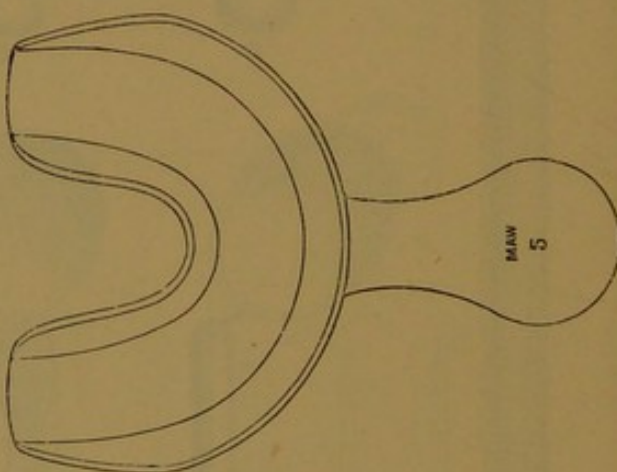
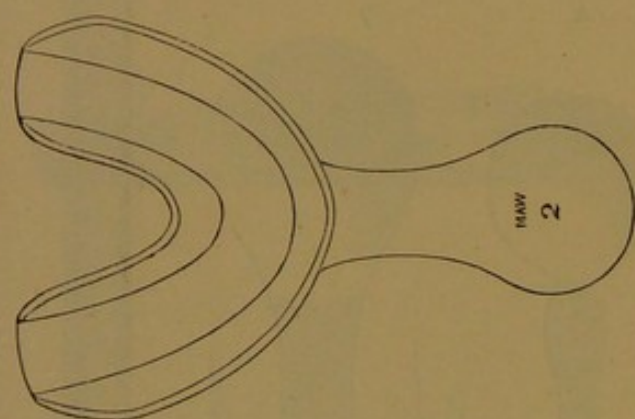
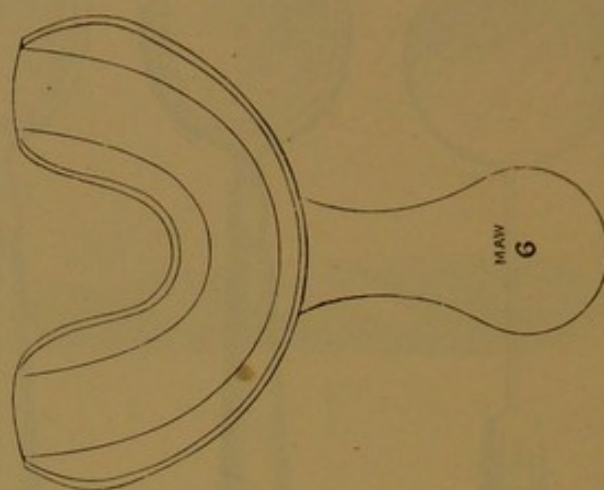
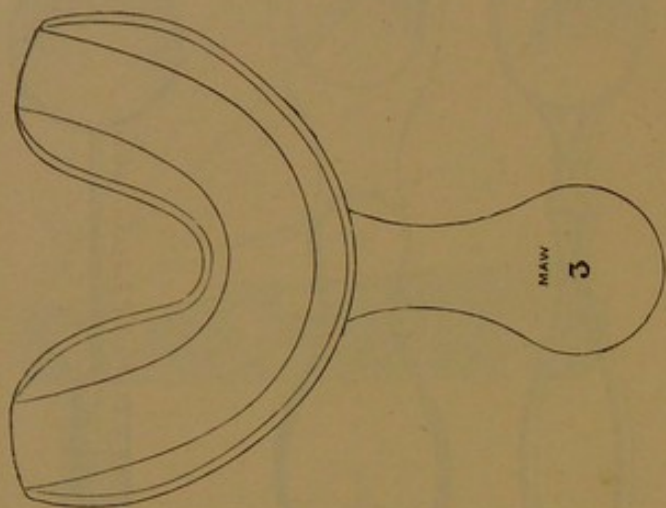


Fig. 1. GLASS, EBONY OR IVORY MOUNTED.
 Fig. 2. GLASS, EBONY OR IVORY MOUNTED.
 Fig. 3. GLASS, BALL AND SOCKET MOVEMENT.
 Fig. 4. GLASS, JOINTED HANDLE.
 Fig. 5. GLASS, FIXED HANDLE.

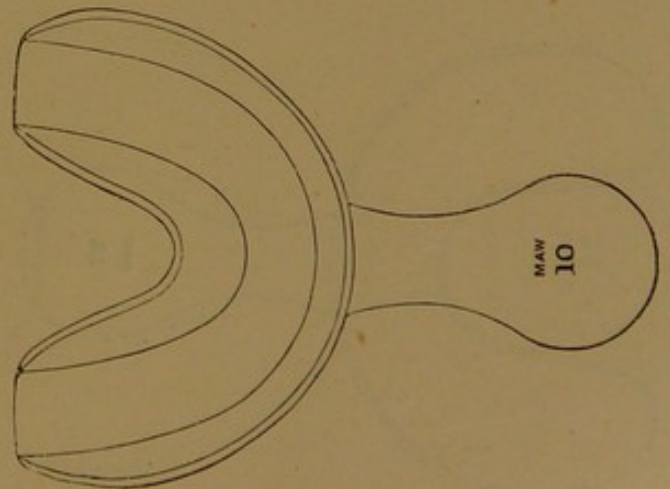
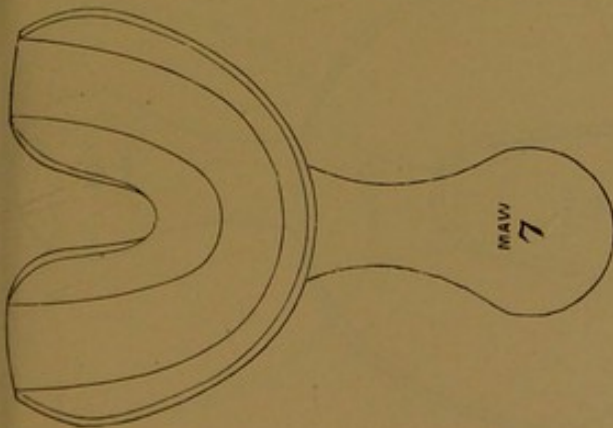
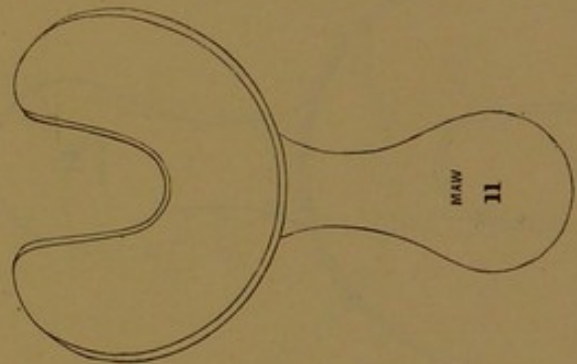
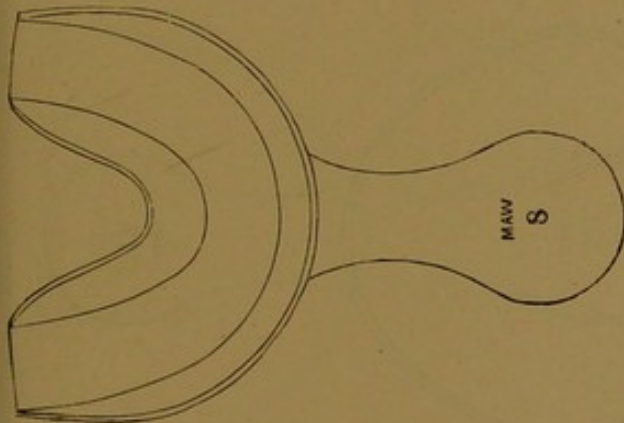
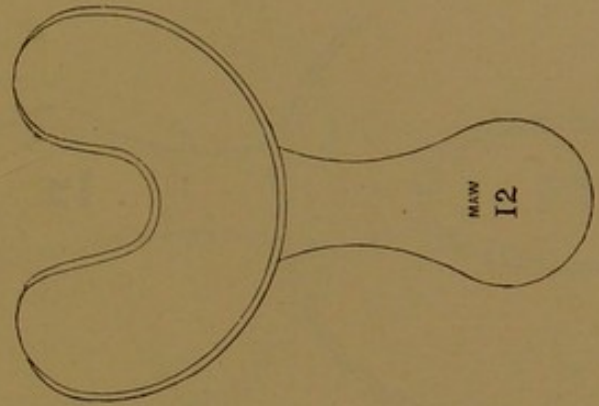
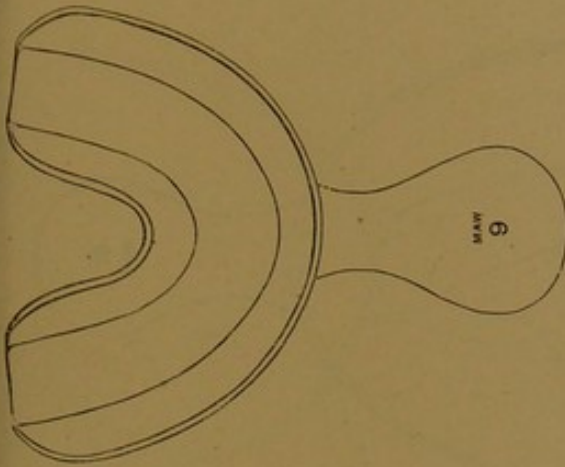
Fig. 6. GLASS, REVOLVING FRAME.
 Fig. 7. GLASS, FOLDING HANDLE.
 Fig. 8. STEEL.
 Fig. 9. STEEL, PEARL HANDLE.
 Fig. 10. STEEL, SHELL HANDLE.

TRAYS FOR TAKING IMPRESSIONS.

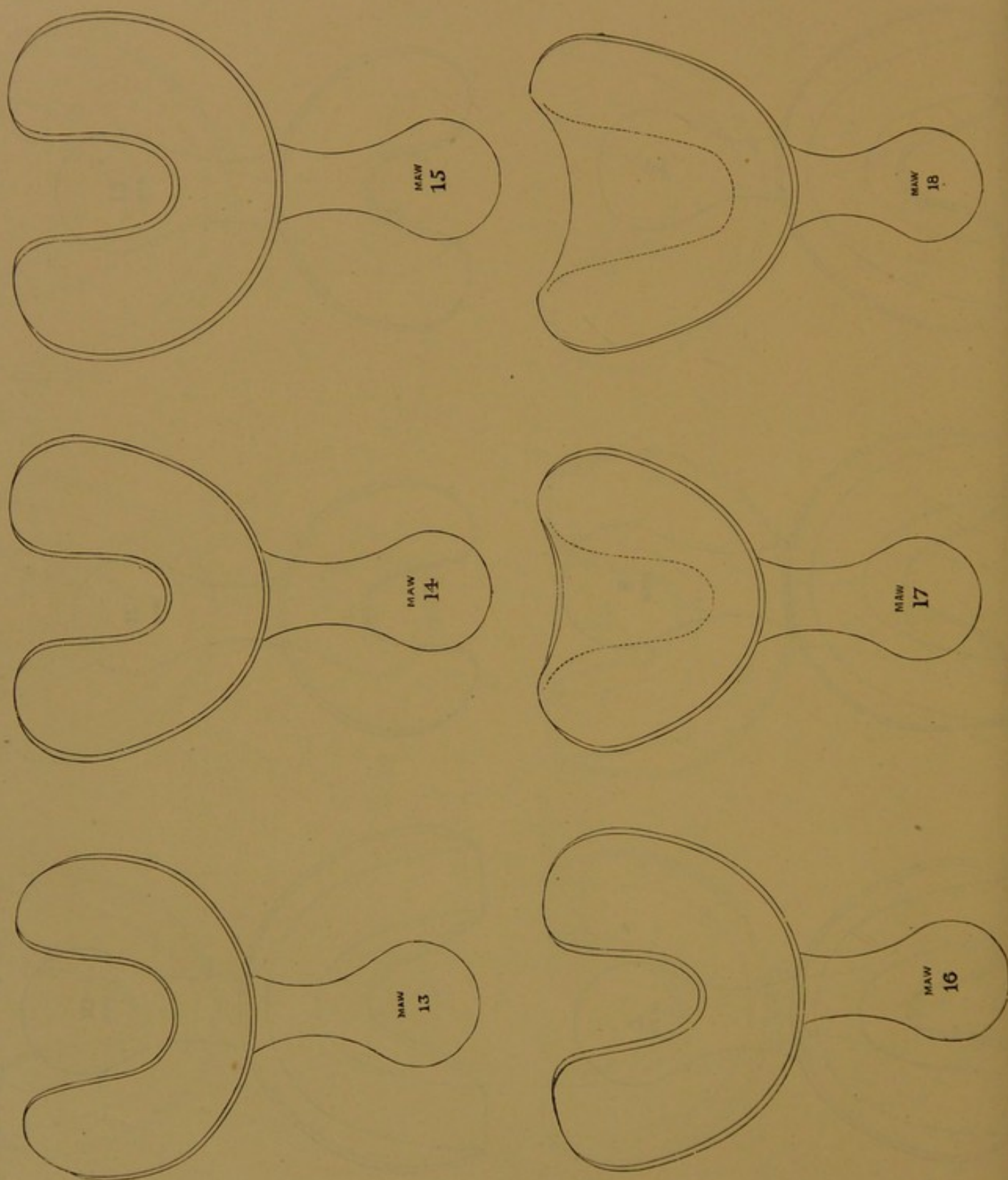


Figs. 1 to 5. SQUARE BOTTOMS, LOWER JAW.
Fig. 6. SQUARE BOTTOMS, UPPER JAW.

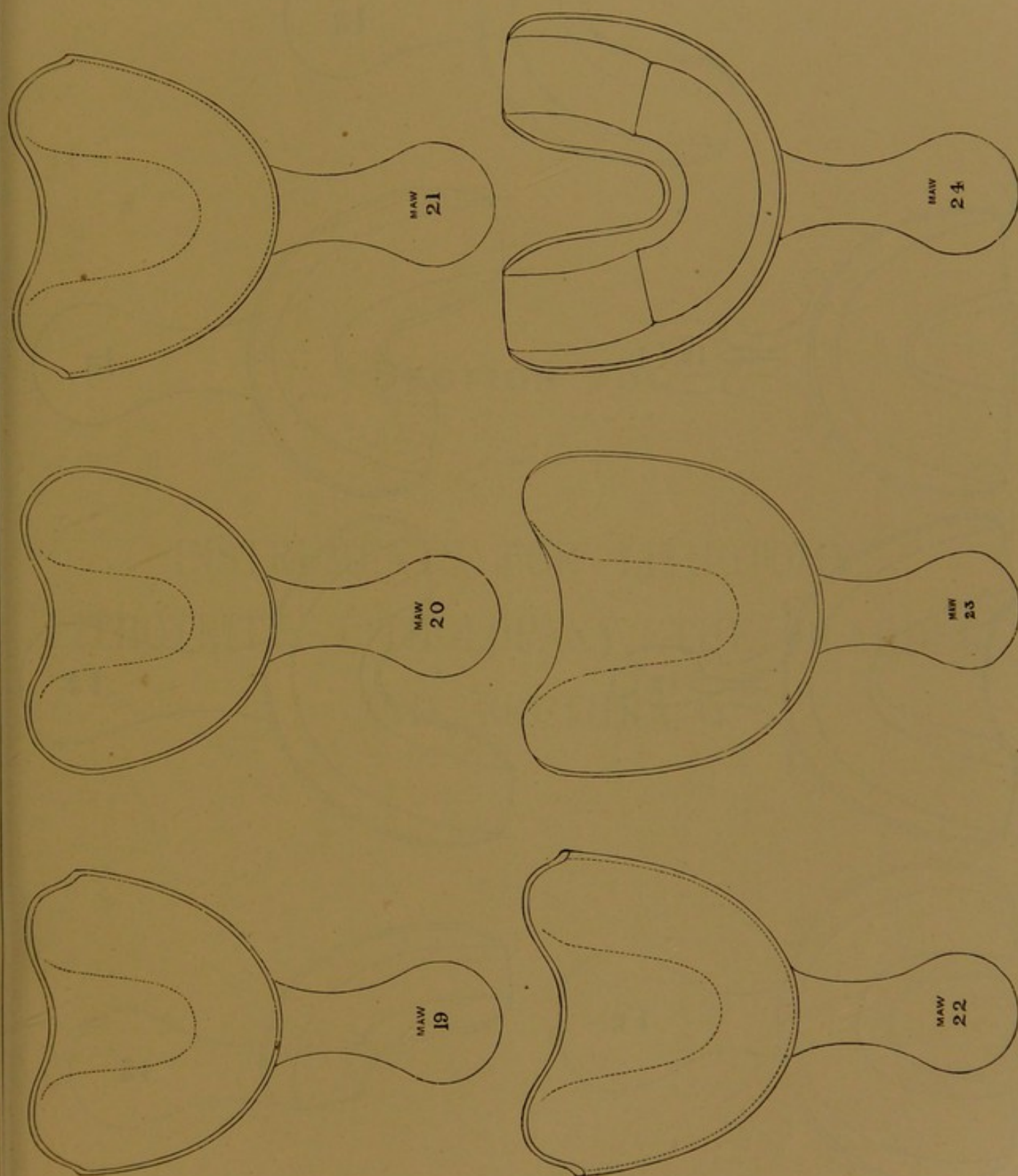
TRAYS FOR TAKING IMPRESSIONS (*Continued*).



Figs. 7 to 10. SQUARE BOTTOMS, UPPER JAW.
Figs. 11, 12. ROUND BOTTOMS, LOWER JAW.

TRAYS FOR TAKING IMPRESSIONS (*Continued*).

Figs. 13 to 16. ROUND BOTTOMS, LOWER JAW.
Figs. 17, 18. ROUND BOTTOMS, UPPER JAW.

TRAYS FOR TAKING IMPRESSIONS (*Continued*).

Figs. 19 to 23. ROUND BOTTOMS, UPPER JAW.

Fig. 24. PARTIAL LOWER, WITH CAVITY TO RECEIVE FRONT TEETH.

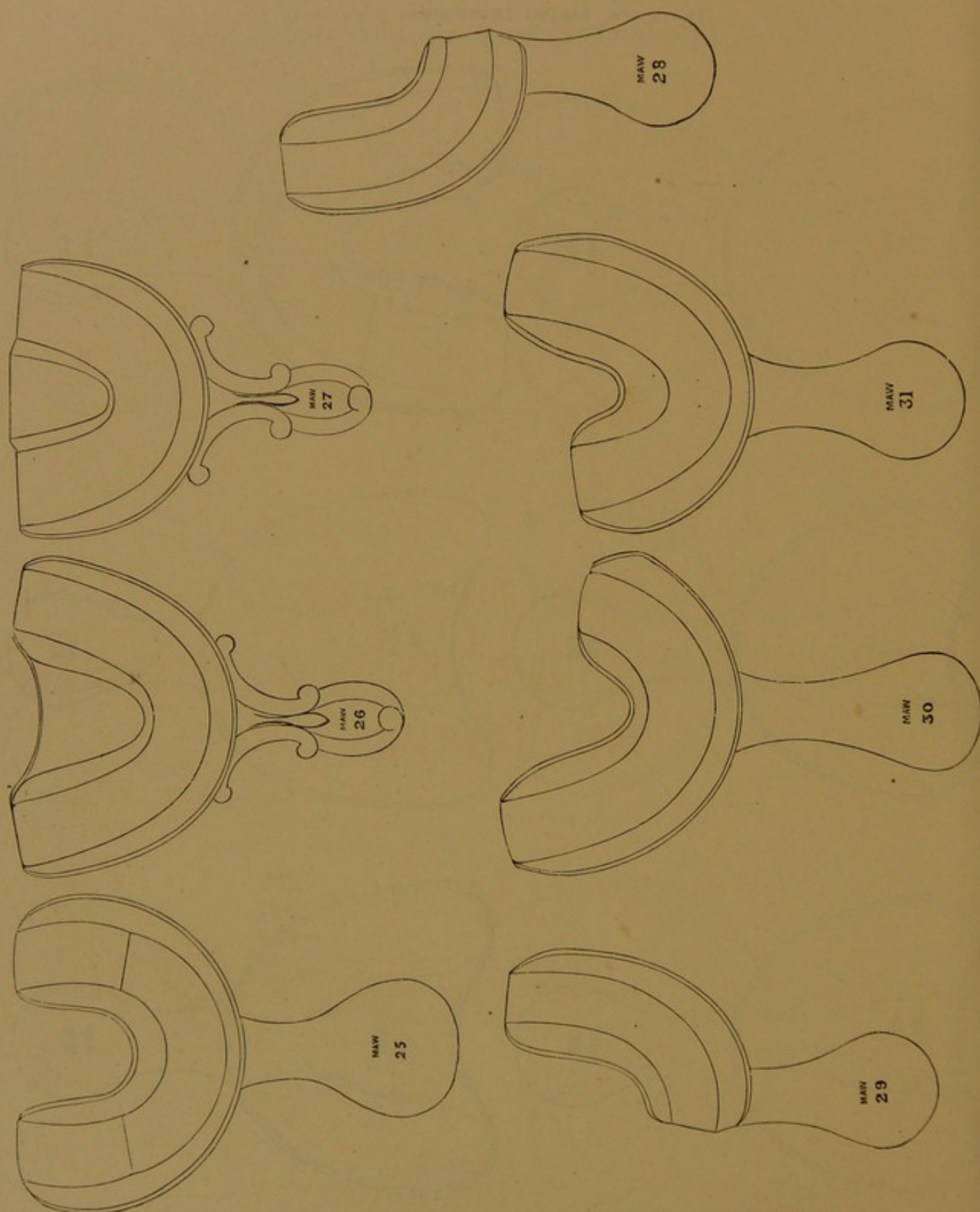
TRAYS FOR TAKING IMPRESSIONS (*Continued*).

Fig. 25. PARTIAL LOWER, WITH CAVITY TO RECEIVE FRONT TEETH.
 Figs. 26, 27. PARTIAL UPPER, WITH SQUARE BOTTOMS.
 Figs. 28, 29. HALF TRAYS.
 Figs. 30, 31. THREE-QUARTER TRAYS.

SECTION VIII.

INSTRUMENTS FOR LITHOTOMY,
LITHOTRITY, LITHOLOPAXY, THE BLADDER,
AND URETHRA.

CONTENTS OF SECTION VIII.

BIGELOW'S INSTRUMENTS.
BOUGIE, GRADUATED.
BOUGIES.
CATHETERS.
CLOVER'S CRUTCH.
ELASTIC TUBE.
ENDOSCOPES.
FORCEPS, LITHOTOMY.
FORCEPS, PHYMOSIS.
FORCEPS, URETHRA.
GAUGE FOR BOUGIES AND
CATHETERS.

GORGET.
INSUFFLATER.
KNIVES, LITHOTOMY.
LITHOTOMES.
LITHOTOMY AND LITHOTRITY
INSTRUMENTS IN CASES.
LITHOTRITES.
NAPIER'S INSTRUMENTS.
SCOOPS, FOREIGN BODY.
SCOOPS, LITHOTOMY.
SOUNDS FOR DIAGNOSIS.
STAFFS.

STONE CRUSHERS.
STRAPS, LITHOTOMY.
STRICTURE DILATORS.
SYRINGE AND INFLATER.
SYRINGE, HYDROCELE.
SYRINGE, URETHRA, AND
CANULA.
TEEVAN'S INSTRUMENTS.
TROCAR, HYDROCELE.
URETHROMETER.
URETHROTOMES.

BOUGIES.



Fig. 1. ACORN.
Fig. 2. BELLIED OLIVARY.
Fig. 3. BALL STAFF.
Fig. 4. CONICAL.

Fig. 5. CYLINDRICAL.
Fig. 6. FILIFORM.
Fig. 7. OLIVARY.
Fig. 8. OLIVARY.

Fig. 9. }
Fig. 10. } RICHARDSON'S.
Fig. 11. }
Fig. 12. }

CATHETERS.

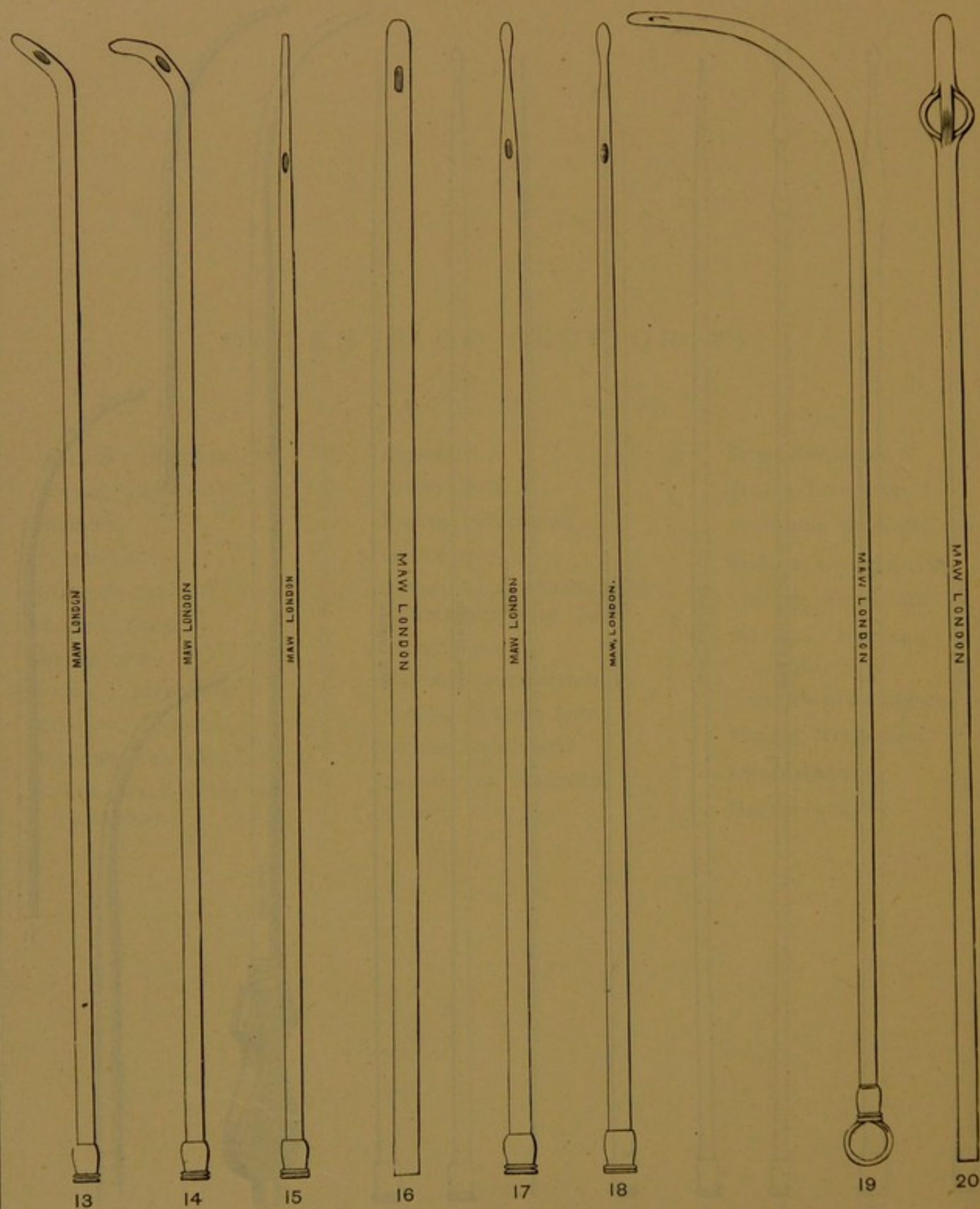


Fig. 13. À COUDÉE, MERCIER'S.
 Fig. 14. BI-COUDÉE, MERCIER'S.
 Fig. 15. CONICAL.
 Fig. 16. MAW'S, SOFT RUBBER.

Fig. 17. OLIVARY.
 Fig. 18. OLIVARY.
 Fig. 19. PROSTATE.
 Fig. 20. RETENTIVE, SOFT RUBBER.

CATHETERS (Continued).

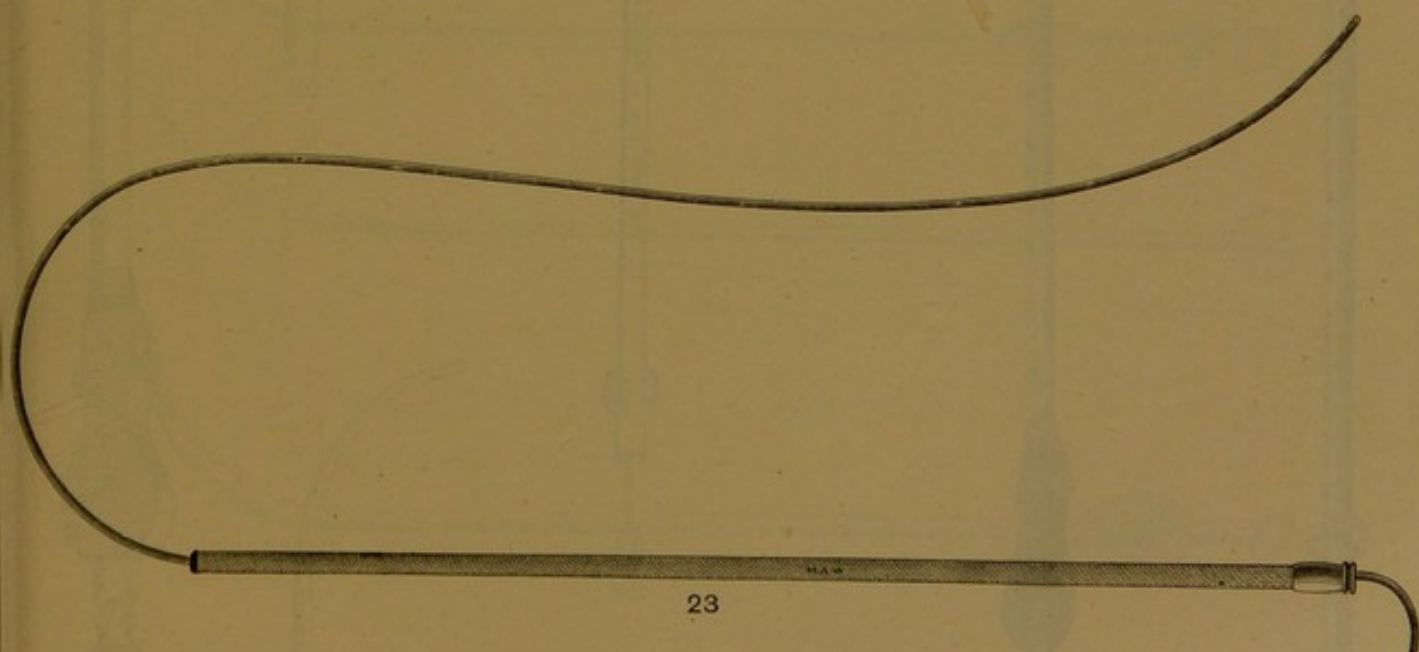
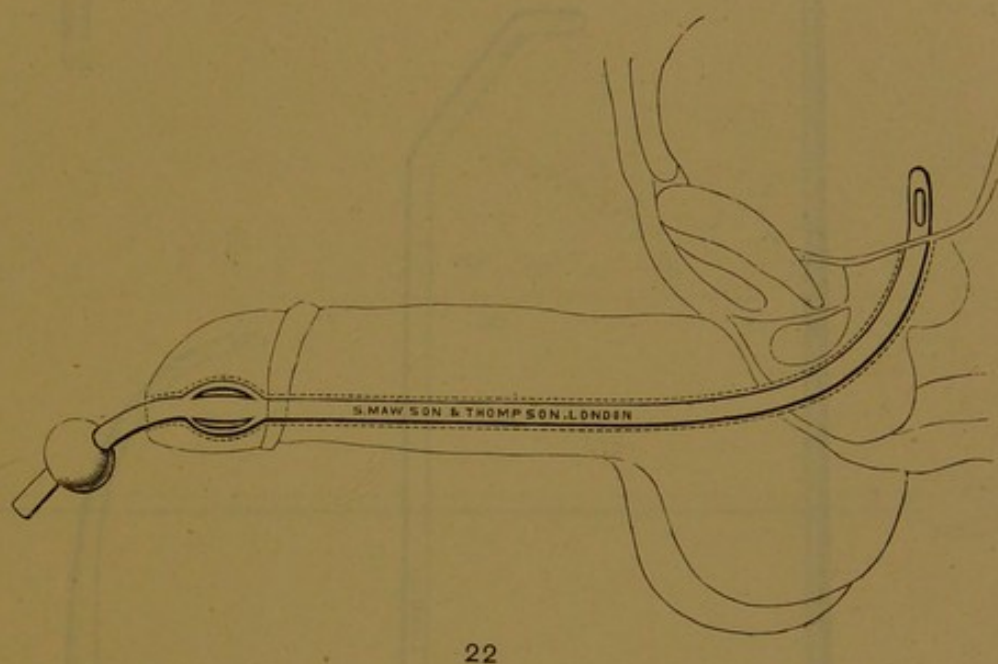
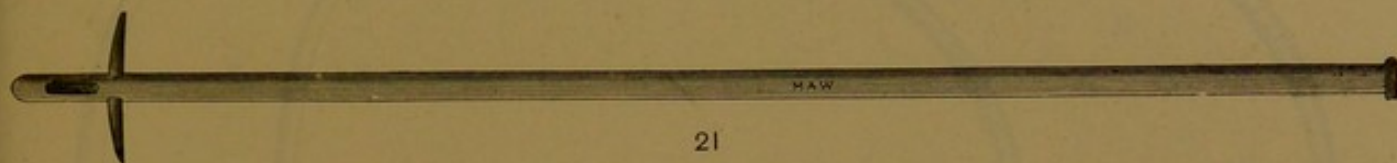


Fig. 21. HOLT'S RETENTIVE. || Fig. 22. NAPIER'S RETENTIVE. || Fig. 23. RAILWAY.

CATHETERS (Continued).

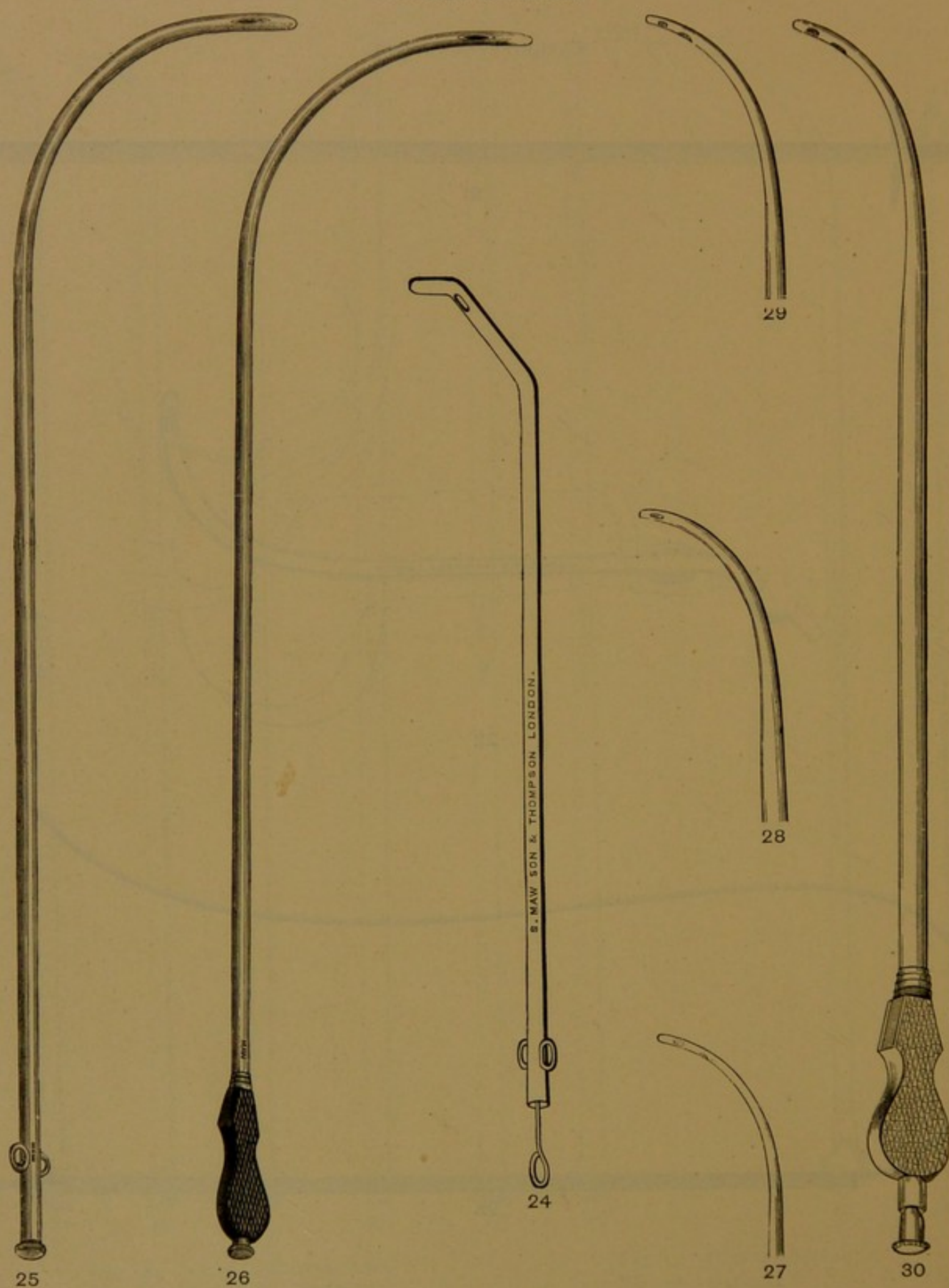


Fig. 24. BI-COUDÉE, MERCIER'S.
 Fig. 25. PROSTATE.

Fig. 26. PROSTATE, BRODIE'S.
 Figs. 27 to 30. PROSTATE, RICHARDSON'S.

CATHETERS, ETC. (Continued).

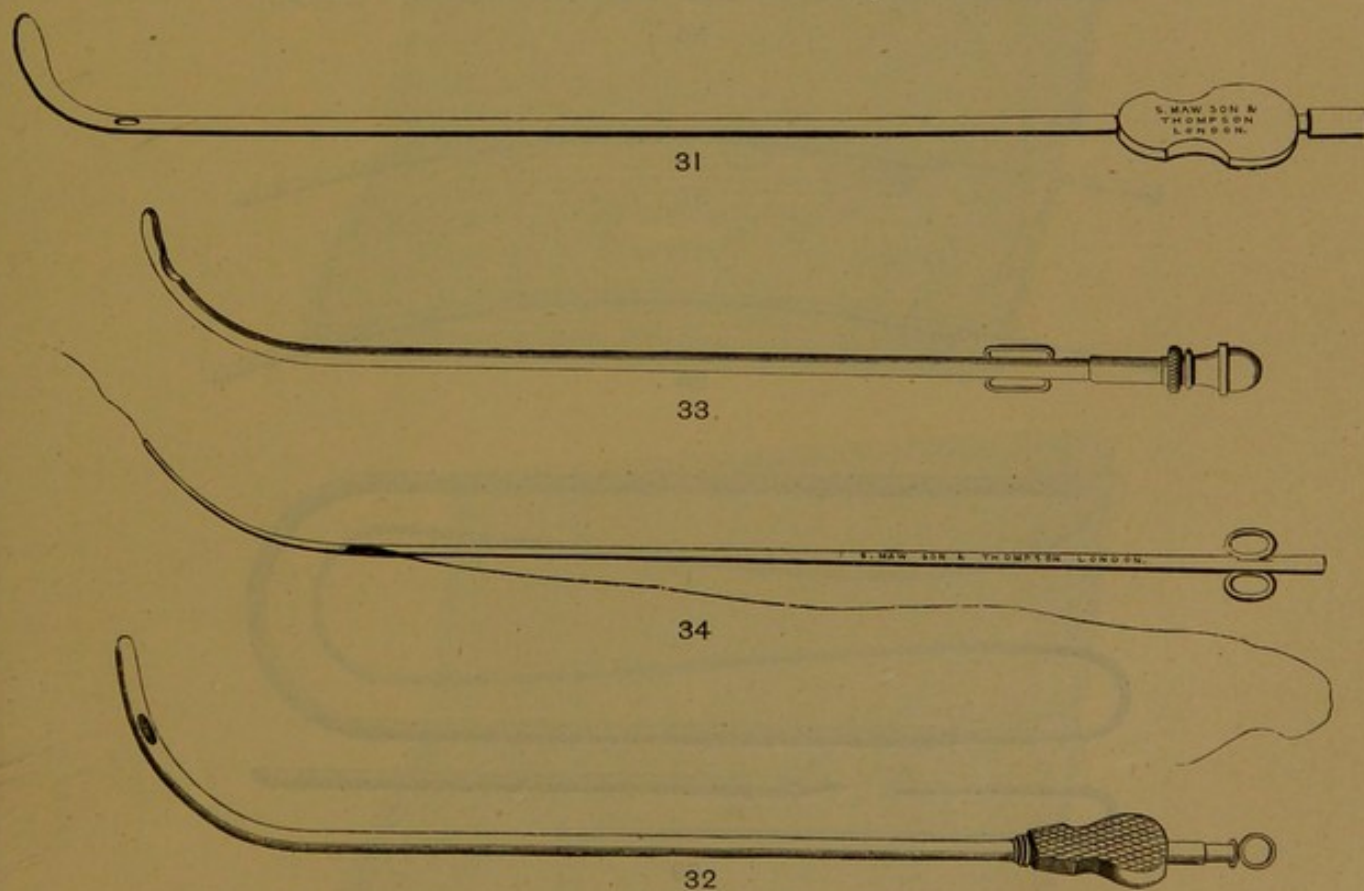
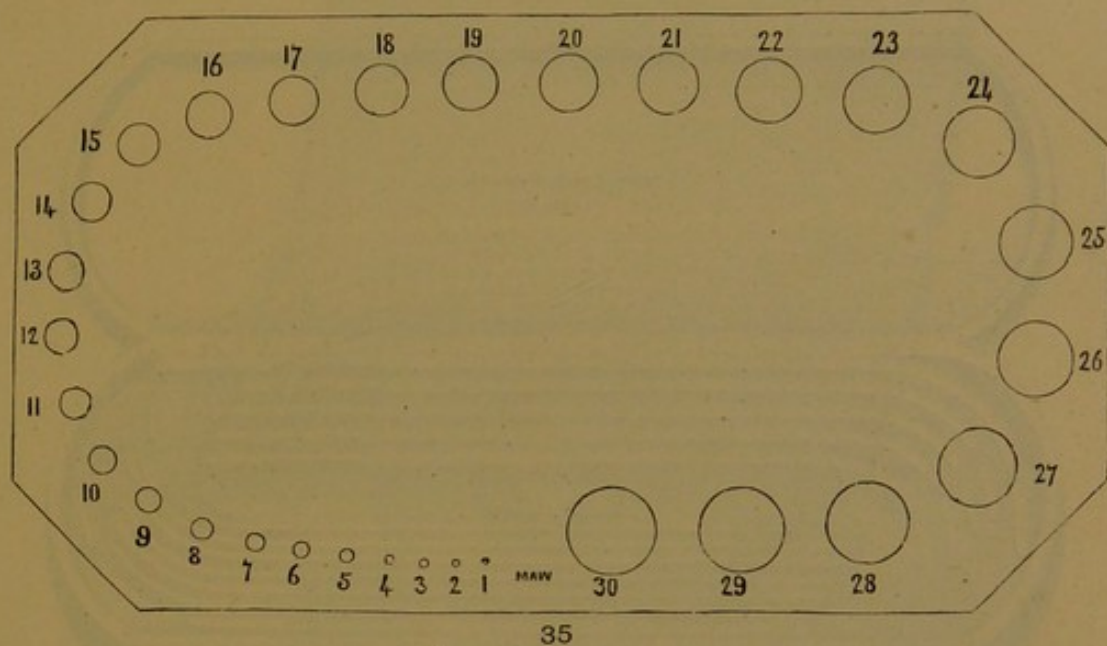


Fig. 31. BULBOUS.

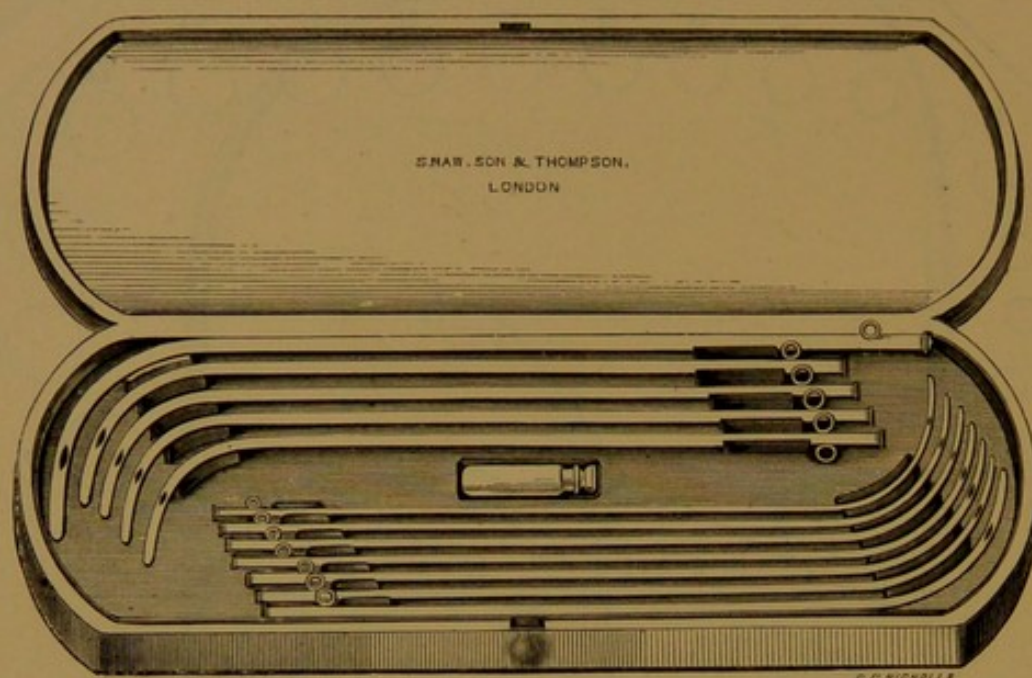
Fig. 32. BRODIE'S.

Fig. 33. WITH ELASTIC-GUM STYLET, AND
LARGE EYE, FOR CLOTS.

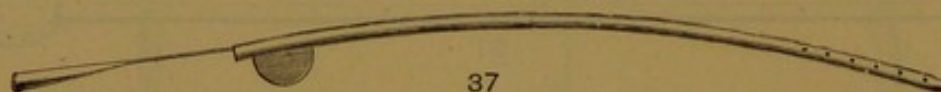
Fig. 34. GOULEY'S TUNNELLED.

Fig. 35. GAUGE FOR BOUGIES AND
CATHETERS.

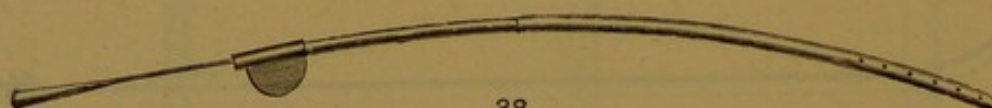
CATHETERS (Continued).



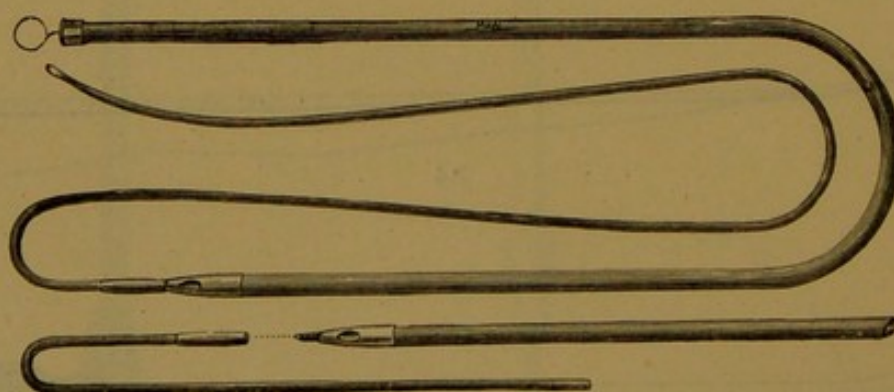
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Fig. 36. CASE OF TWELVE, INCLUDING ONE FOR THE PROSTATE.

Fig. 37. FEMALE.

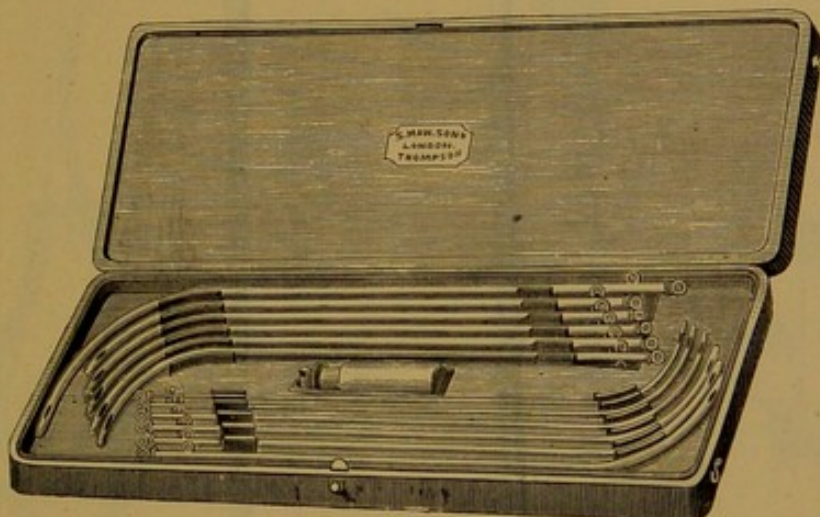
Fig. 38. FEMALE, SLIDING.

Fig. 39. 'PHILLIPS'.

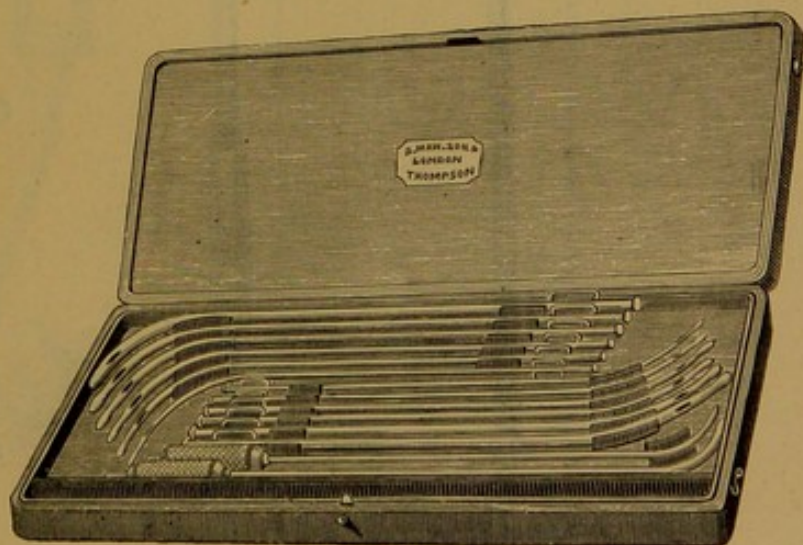
CATHETERS (Continued).



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Fig. 40. BRODIE'S.

||

Fig. 41. LISTER'S.

||

Fig. 42. WAGSTAFF'S.

CATHETERS FOR THE APPLICATION OF CAUSTIC, ETC.

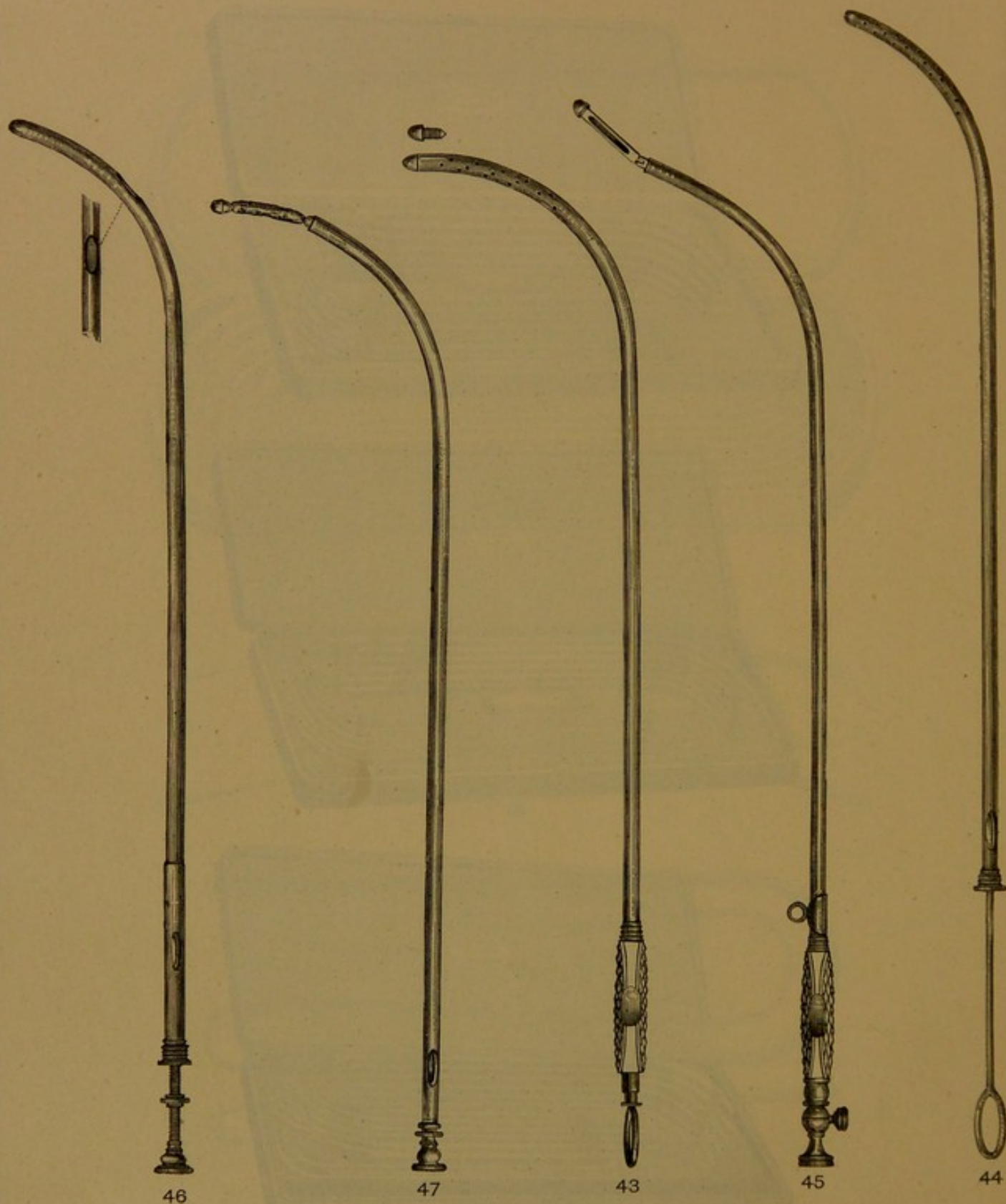


Fig. 43. DAWSON'S.
 Fig. 44. ERICHSEN'S OR DICK'S.
 Fig. 45. LALLEMAND'S.

Fig. 46. MCDUGALL'S.
 Fig. 47. THOMPSON'S.

CATHETERS, ETC., FOR INJECTING AND WASHING THE BLADDER.

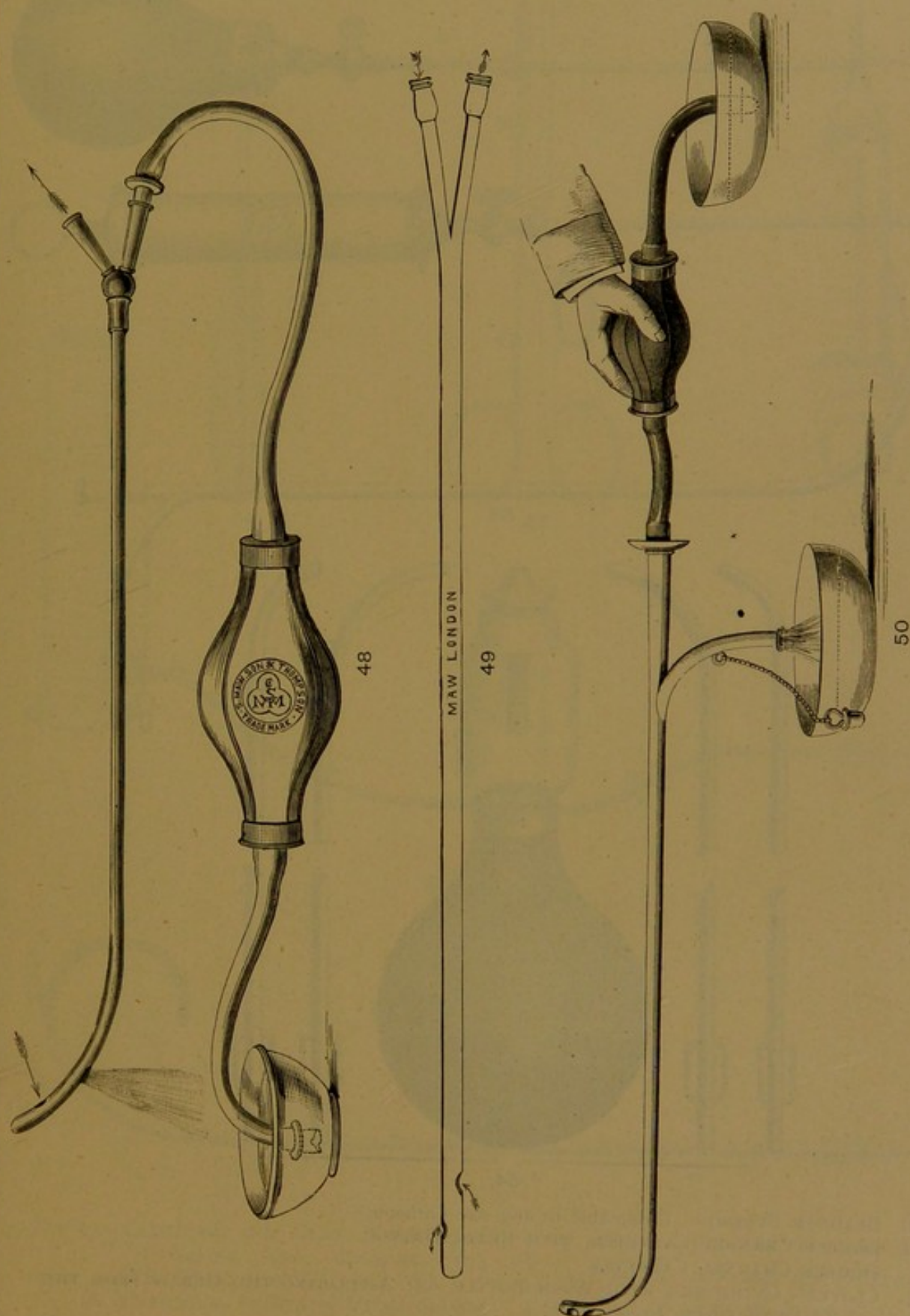
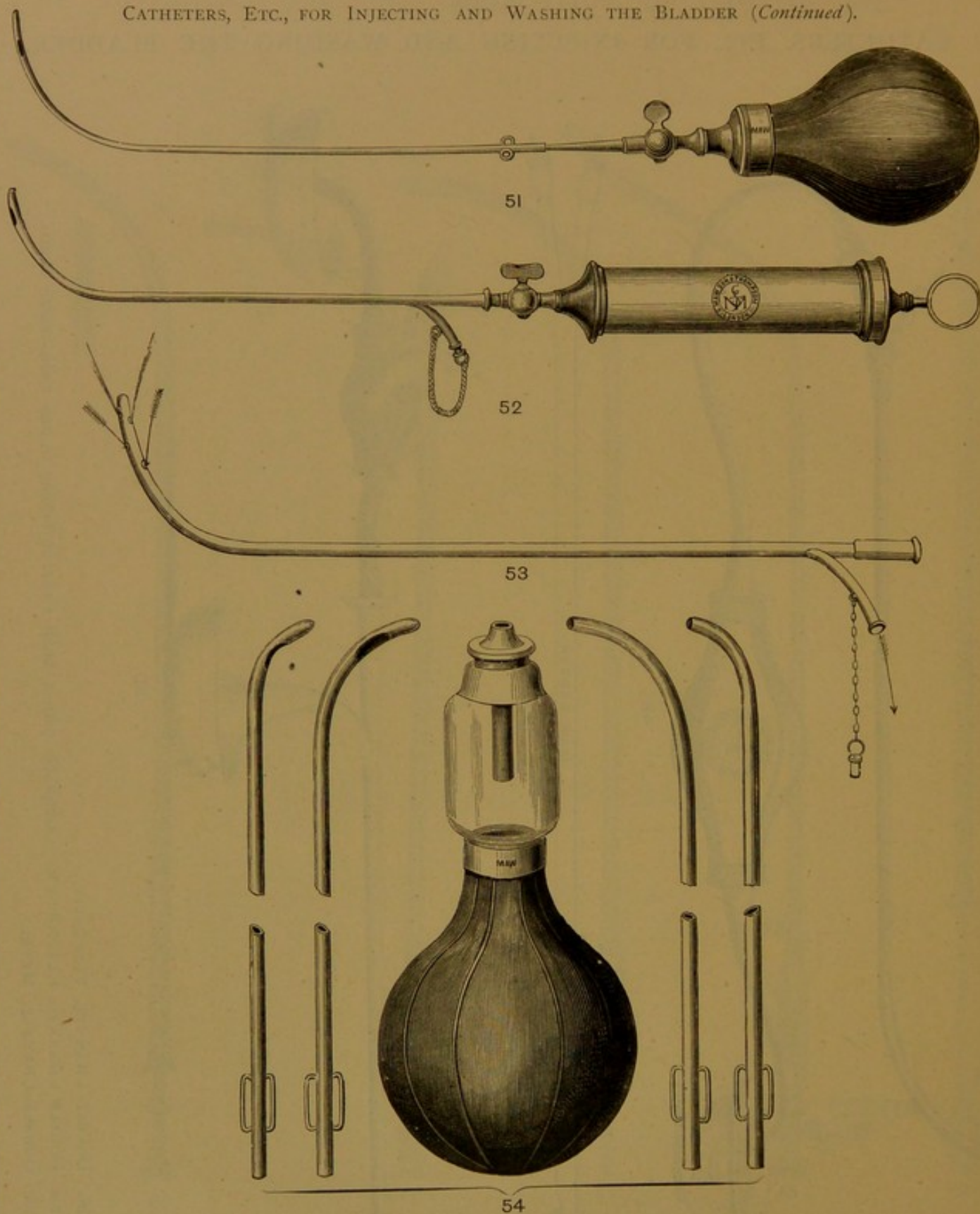


Fig. 48. DOUBLE CHANNEL, VULCANITE.

Fig. 49. DOUBLE CHANNEL, ELASTIC-GUM.

Fig. 50. DOUBLE CHANNEL, METAL.

(Adaptable with a small Piece of Tubing to any India-rubber Bottle.)

CATHETERS, ETC., FOR INJECTING AND WASHING THE BLADDER (*Continued*).

- Fig. 51. BLADDER SYRINGE. (Adaptable to any size Catheter.)
 Fig. 52. DOUBLE CHANNEL CATHETER, WITH BRASS SYRINGE.
 Fig. 53. DOUBLE CHANNEL CATHETER.
 Fig. 54. CLOVER'S CATHETERS, WITH WASH BOTTLE FOR ASPIRATING THE DÉBRIS FROM THE BLADDER AFTER LITHOTRITY.

CATHETERS, HYDROCELE AND PHYMOSIS INSTRUMENTS.

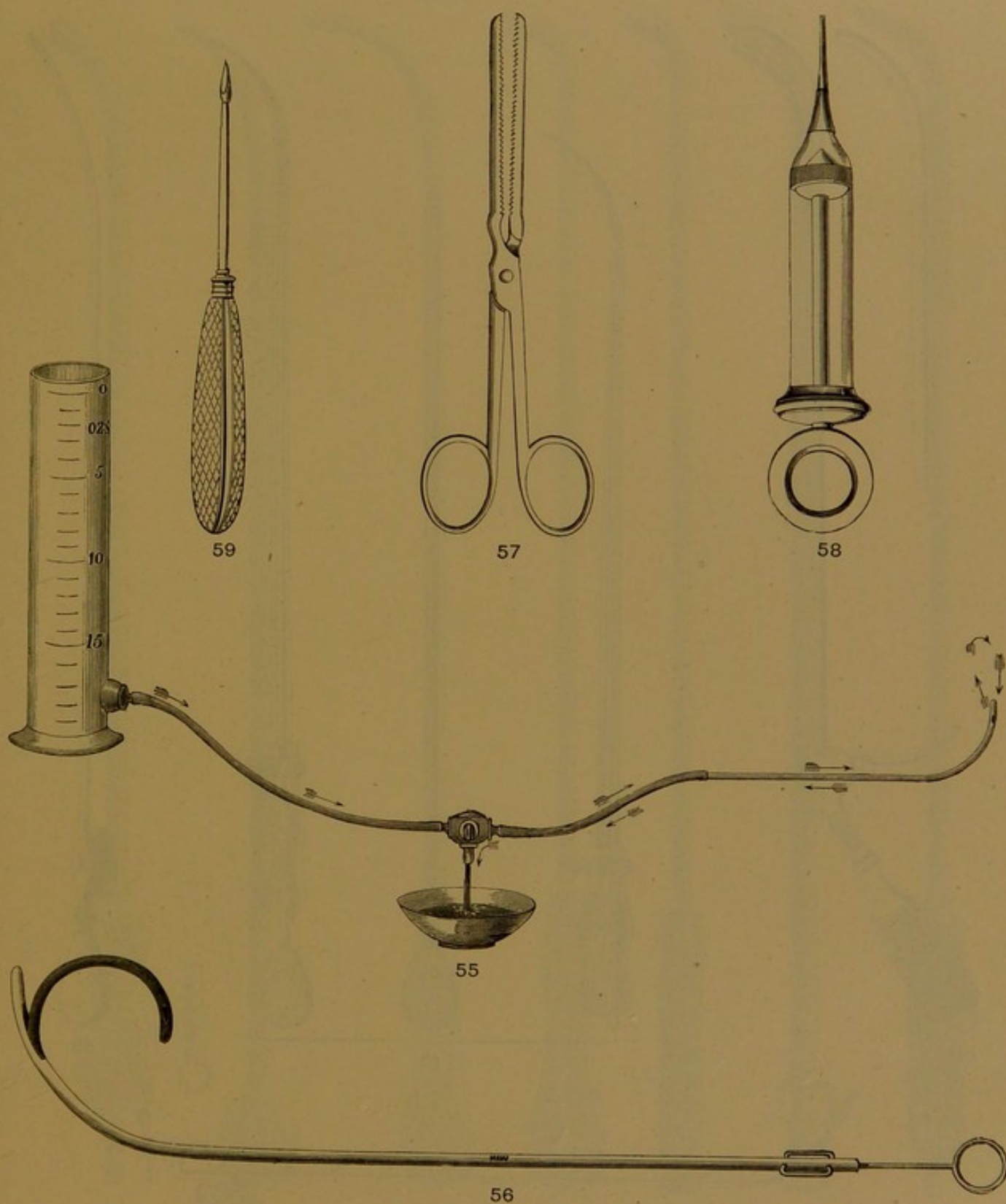


Fig. 55. CATHETER AND GLASS VESSEL FOR INJECTING AND WASHING THE BLADDER, BIRD'S.

Fig. 56. CATHETER, PROSTATE, HUTCHINSON'S.

Fig. 57. FORCEPS, PHYMOSIS, RICORD'S.

Fig. 58. SYRINGE, HYDROCELE.

Fig. 59. TROCAR, HYDROCELE.

STRICTURE DILATORS.

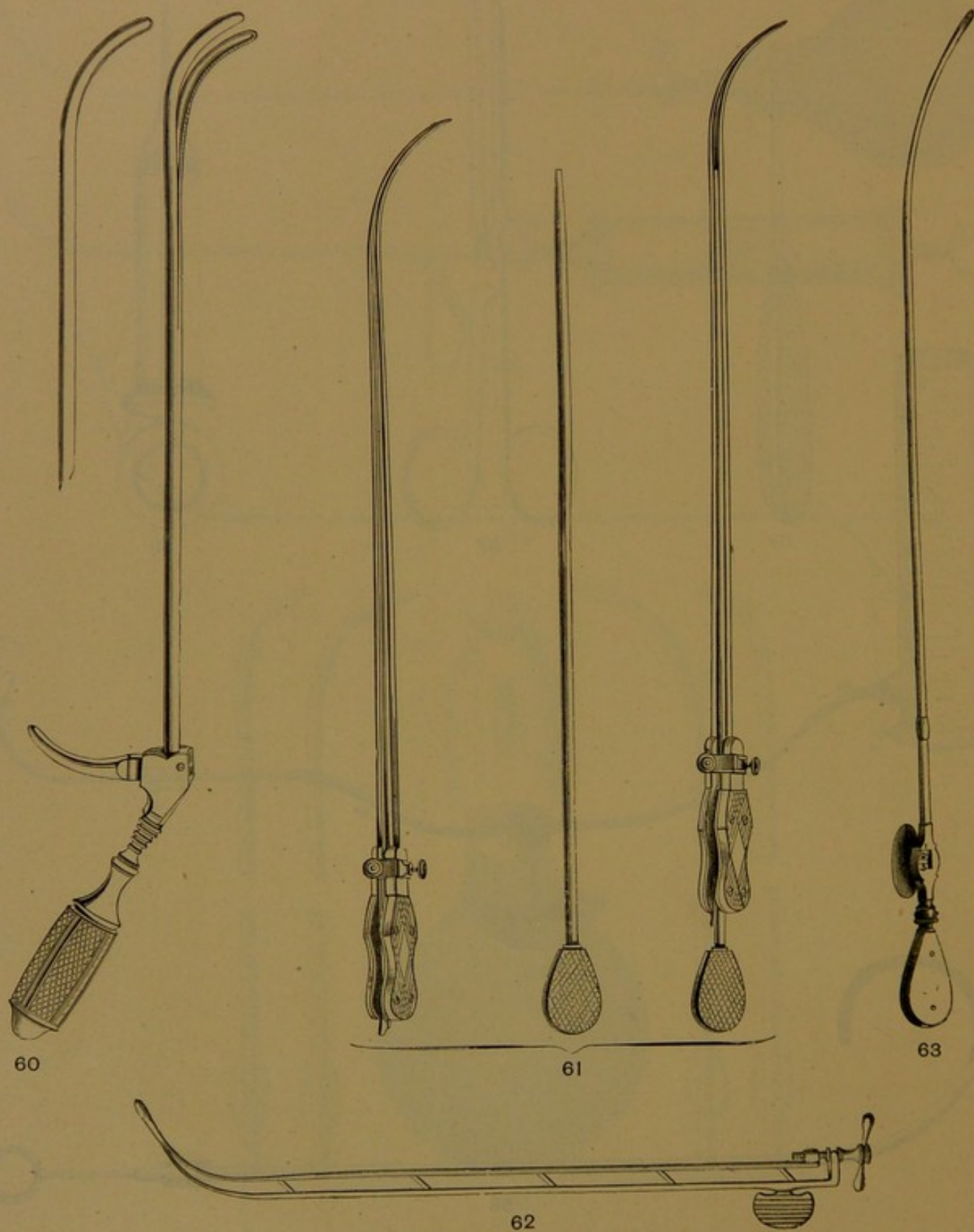


Fig. 60. COOPER'S.

Fig. 61. HOLT'S.

Fig. 62. LYON'S.

Fig. 63. THOMPSON'S.

SOUNDS FOR DIAGNOSIS.

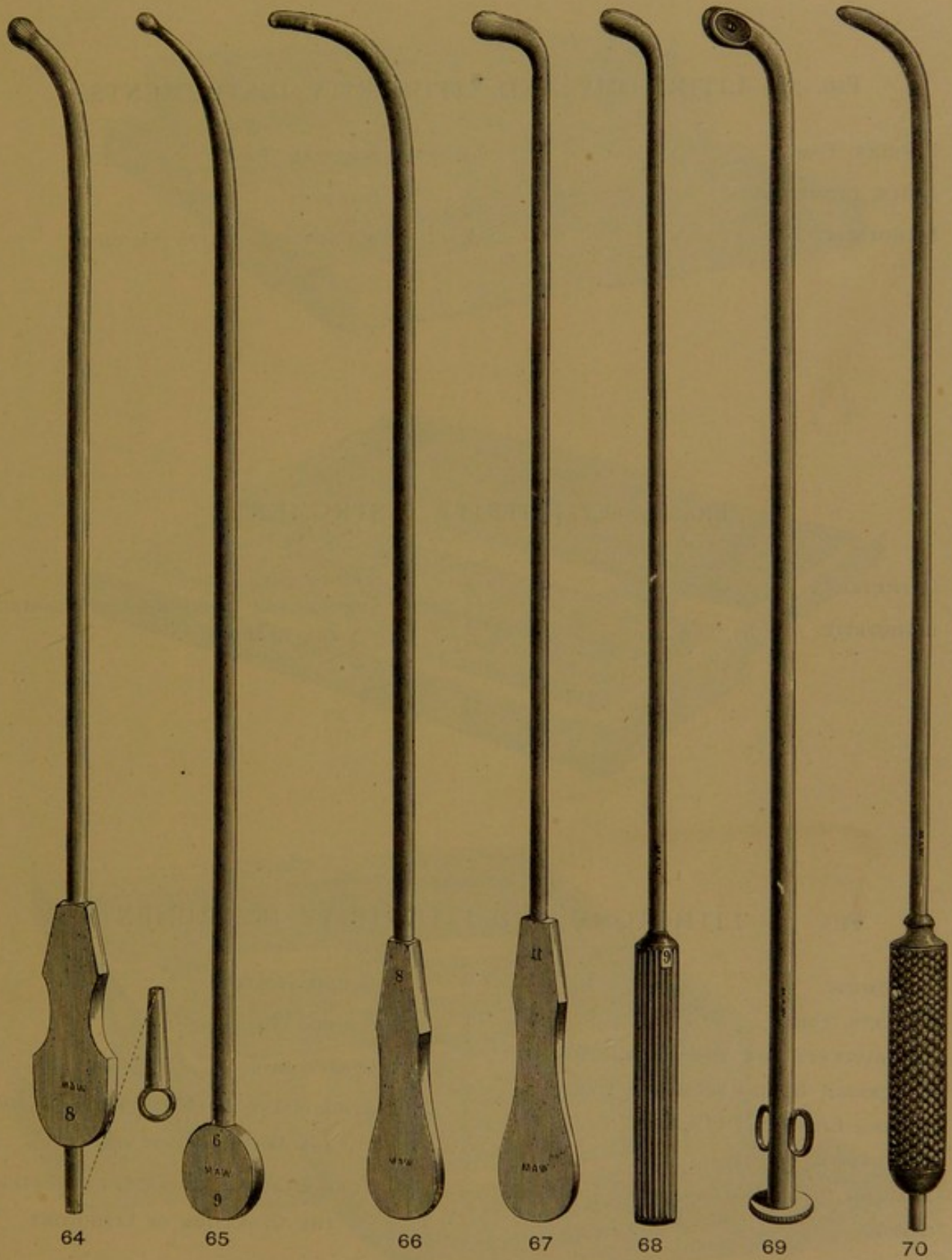


Fig. 64. HOLLOW.
Fig. 65. LISTER'S.
Fig. 66. LISTON'S.

Fig. 67. MERCIER'S.
Fig. 68. THOMPSON'S.

Fig. 69. TEEVAN'S.
Fig. 70. WAGSTAFF'S.

FIG. 71.—LITHOTOMY AND LITHOTRITY INSTRUMENTS.

FORCEPS (Four).

KNIFE, LITHOTOMY.

LITHOTRITE.

SCALPELS (Two).

SCOOP.

SOUNDS AND STAFFS (Six each).

FIG. 72.—LITHOTRITY INSTRUMENTS.

CATHETER.

LITHOTRITE.

SOUNDS (Six).

SYRINGE FOR INJECTING AND WASHING
THE BLADDER.

FIG. 73.—LITHOTOMY AND LITHOTRITY INSTRUMENTS.

BANDAGES.

FORCEPS (Four).

INSTRUMENTS FOR THE EXTRACTION OF

FOREIGN BODIES FROM THE URETHRA.

KNIVES, LITHOTOMY (Two).

LITHOTRITE.

SCALPEL.

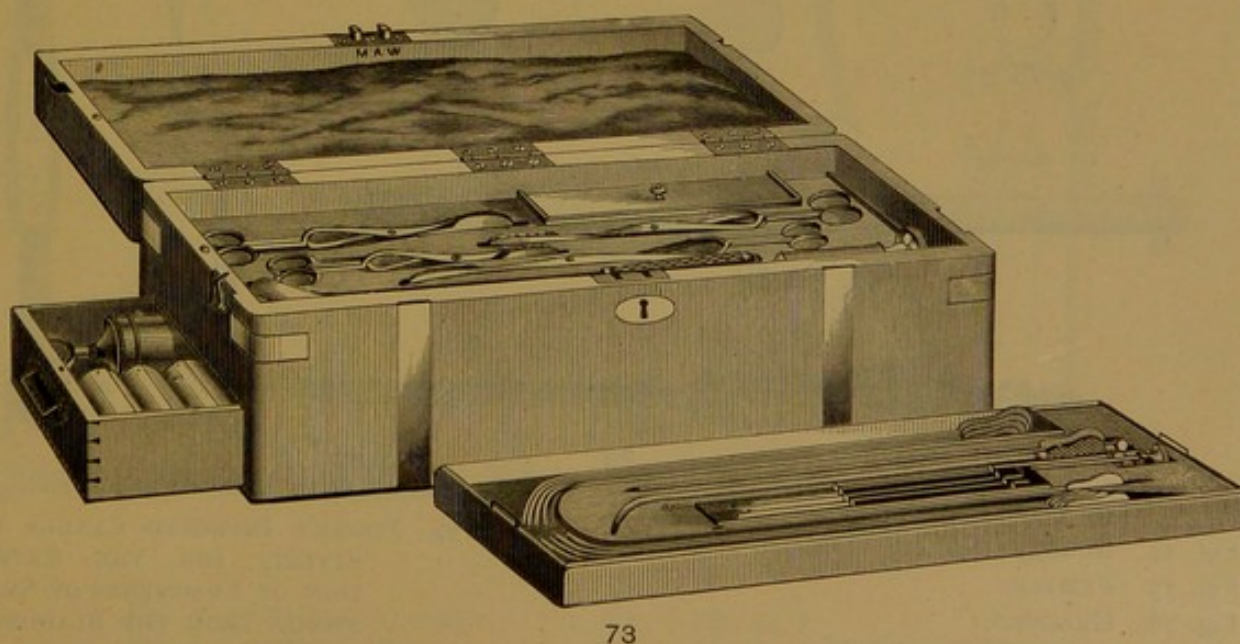
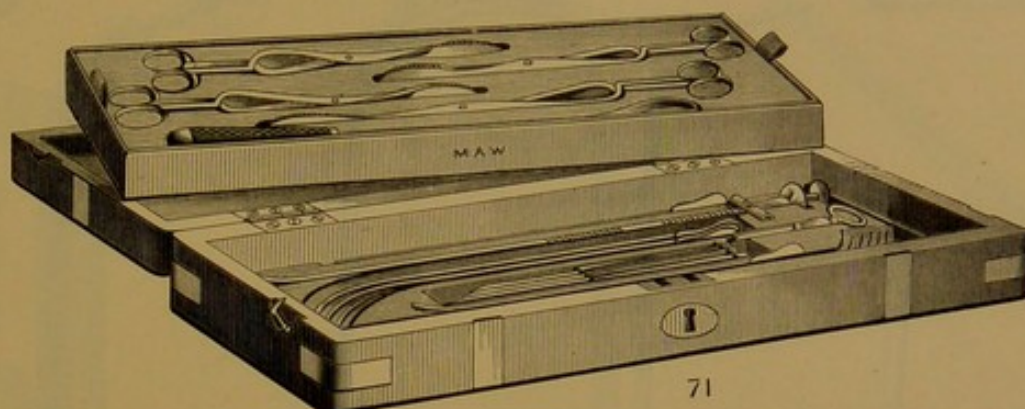
SCOOP.

SOUND, HOLLOW.

SOUNDS (Six).

STAFFS (Six).

SYRINGE AND CATHETER FOR INJECTING
AND WASHING THE BLADDER.TUBE, ELASTIC, FOR INSERTION AFTER
THE OPERATION OF LITHOTOMY.



STAFFS, ETC.

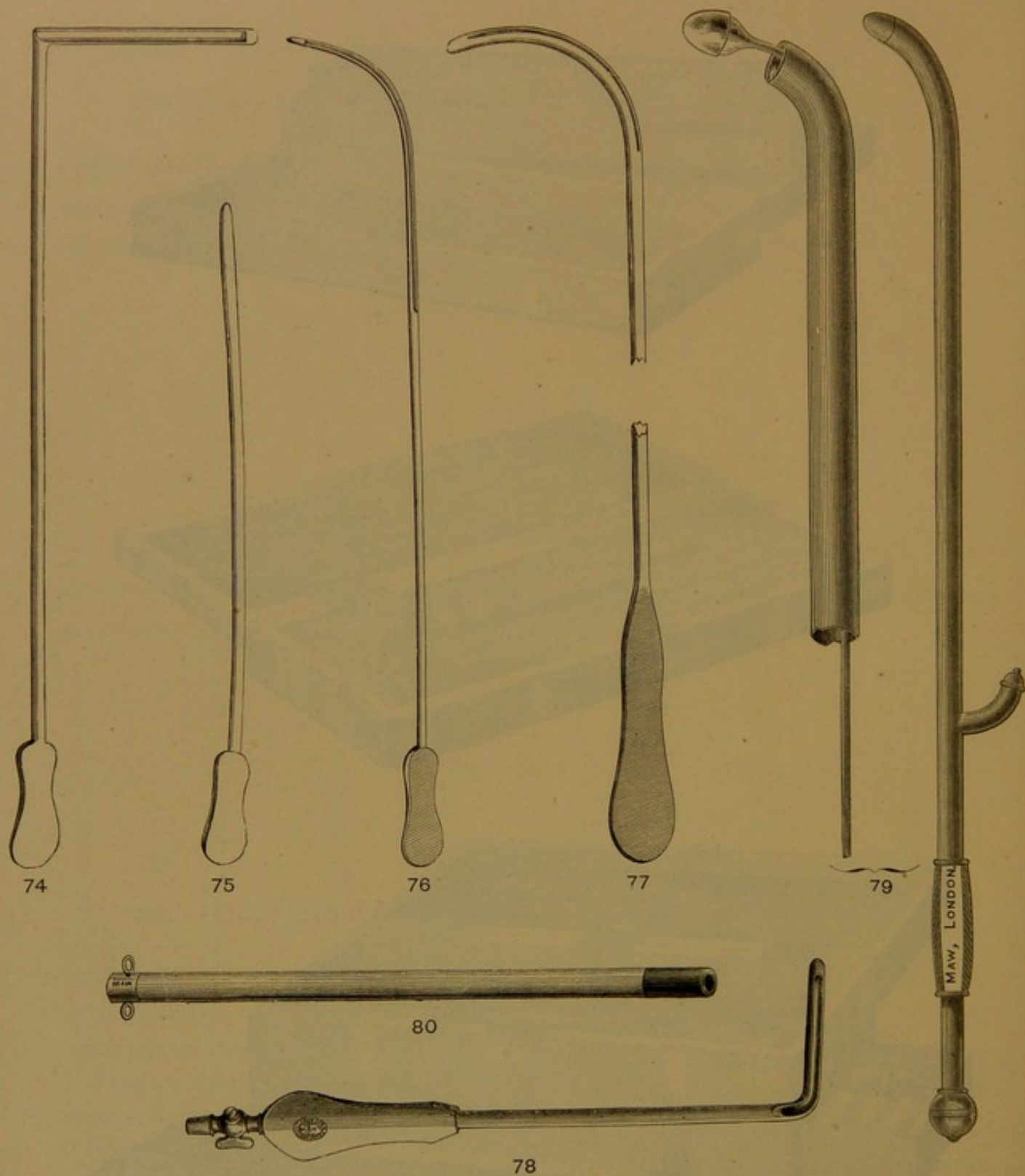


Fig. 74. BUCHANAN'S.
 Fig. 75. FEMALE.
 Fig. 76. GROOVED.
 Fig. 77. GROOVED, Laterally.
 Fig. 78. HUTCHINSON'S.

Fig. 79. POWER'S IMPROVED CANULA AND
 STYLET, FOR THE EXTRACTION OF FRAGMENTS OF SMALL
 STONES FROM THE BLADDER.
 Fig. 80. TUBE FOR INSERTION AFTER THE
 OPERATION OF LITHOTOMY.

LITHOTOMY CRUTCH, STRAPS, STONE CRUSHERS, ETC.

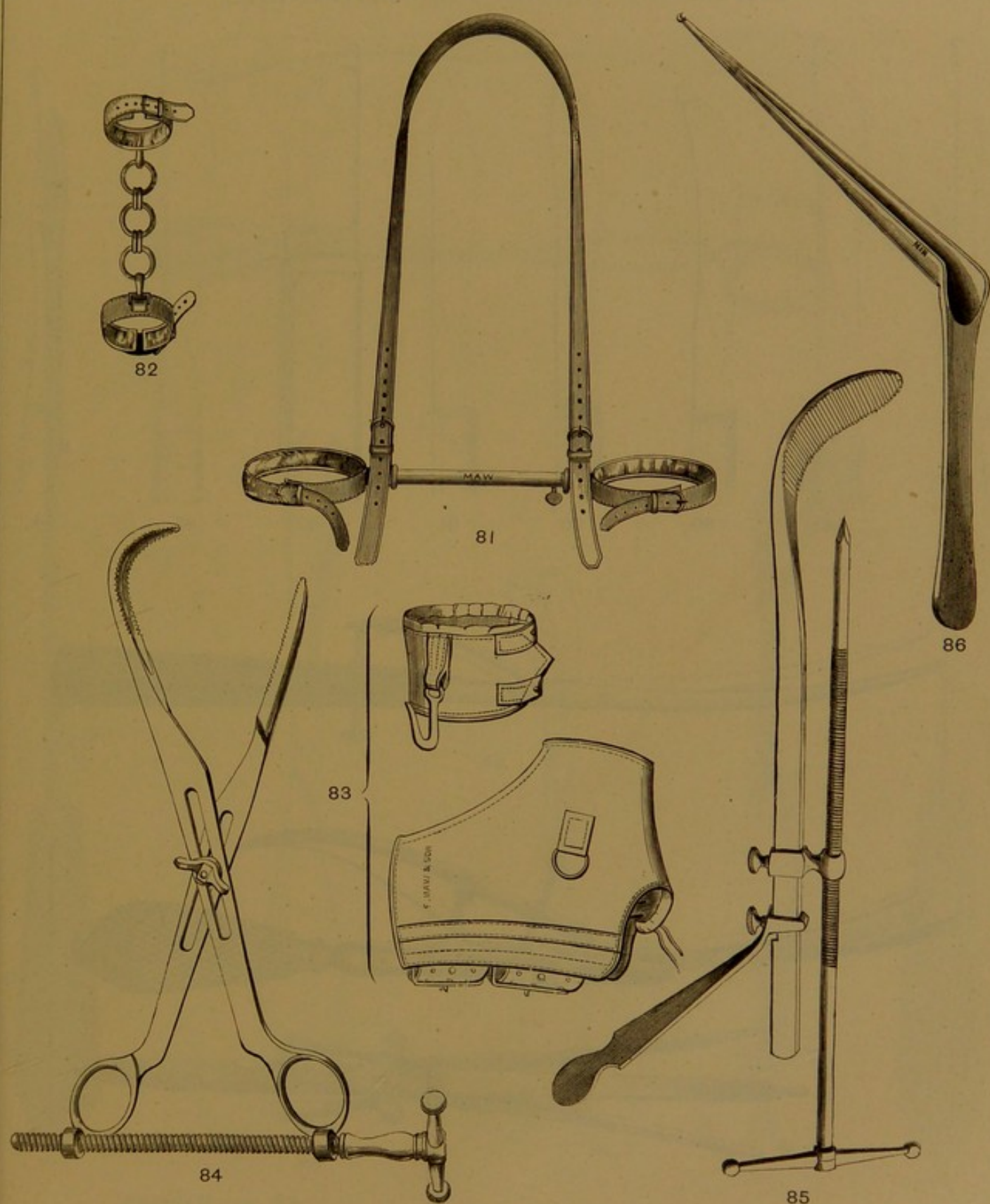


Fig. 81. CRUTCH, CLOVER'S.
 Fig. 82. STRAPS, MASON'S.
 Fig. 83. STRAPS, PRITCHARD'S.

Fig. 84. } STONE CRUSHERS.
 Fig. 85. }
 Fig. 86. TEALE'S GORGET.

LITHOTOMY KNIVES AND LITHOTOMES.

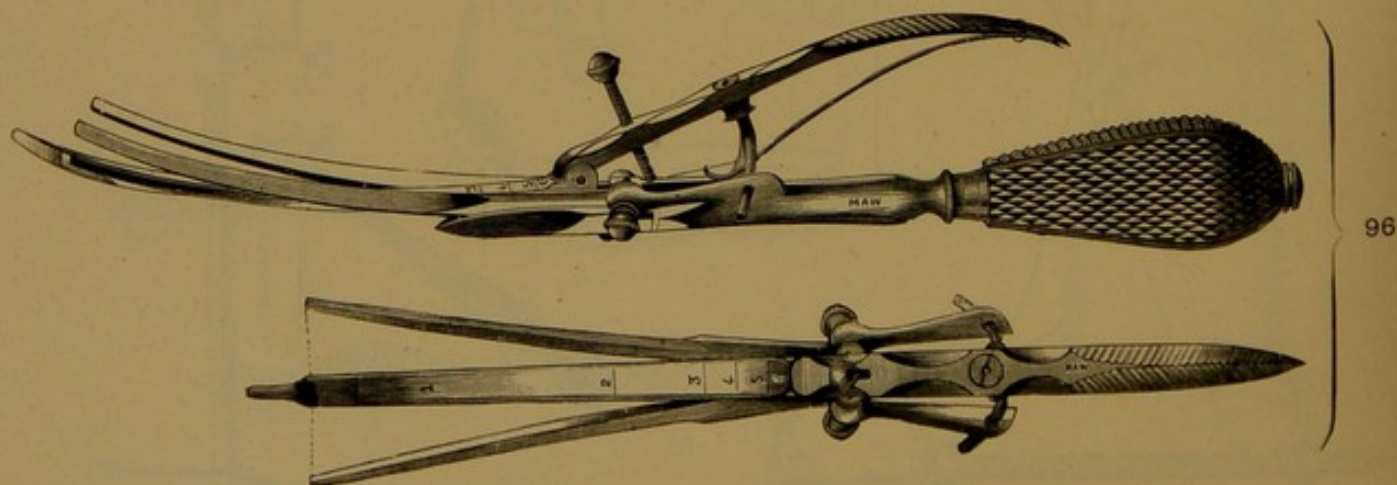
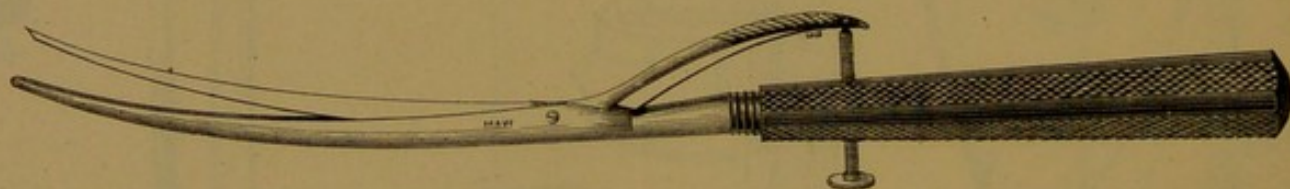
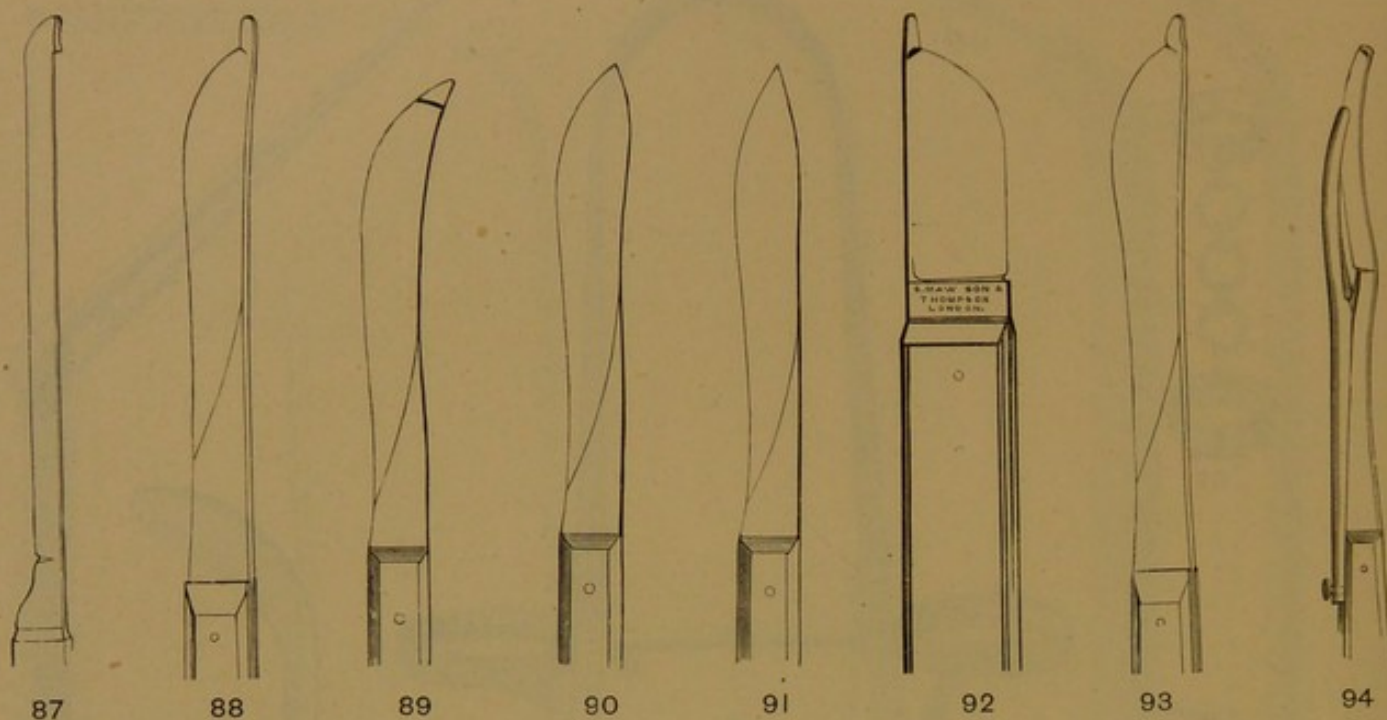
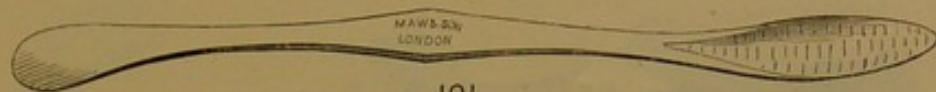


Fig. 87. BLIZARD'S.
 Fig. 88. BRODIE'S.
 Fig. 89. ERICHSEN'S.
 Fig. 90. FERGUSON'S.

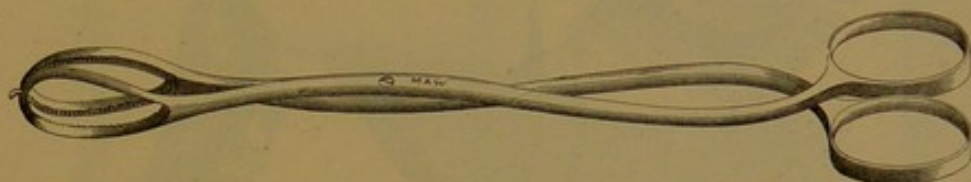
Fig. 91. LISTON'S.
 Fig. 92. TEEVAN'S.
 Fig. 93. THOMPSON'S.

Fig. 94. WEBBER'S.
 Fig. 95. LITHOTOME, CÔMES'.
 Fig. 96. LITHOTOME, DUPUY-
 TREN'S.

LITHOTOMY FORCEPS AND SCOOPS.



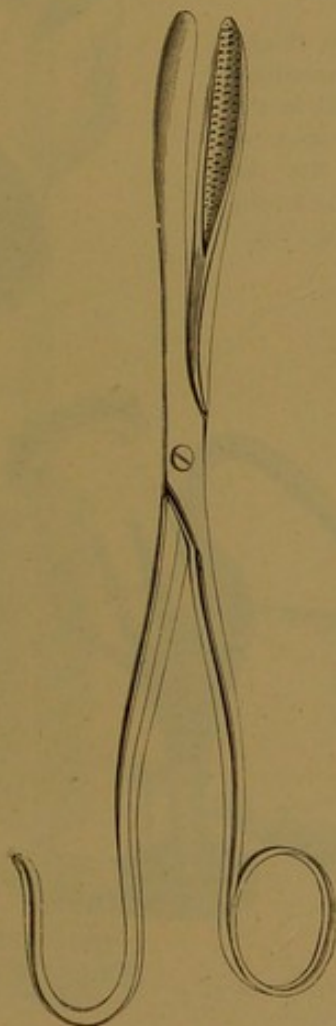
101



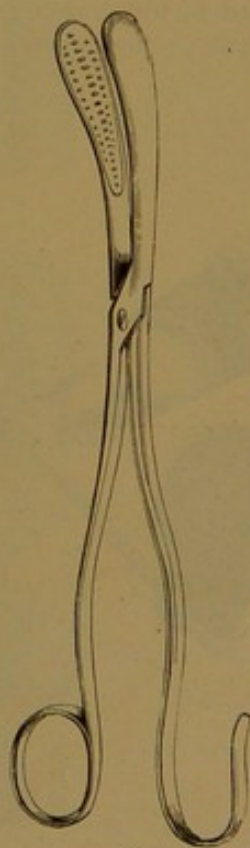
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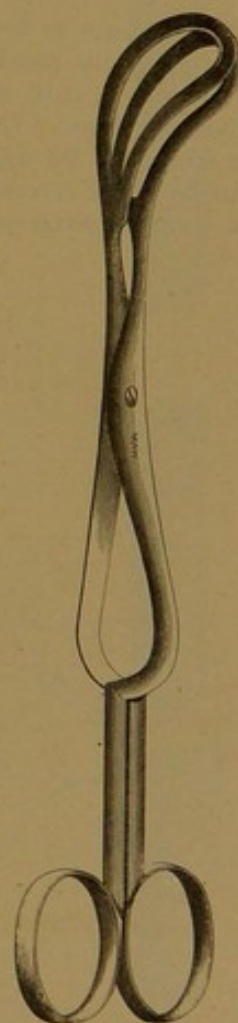
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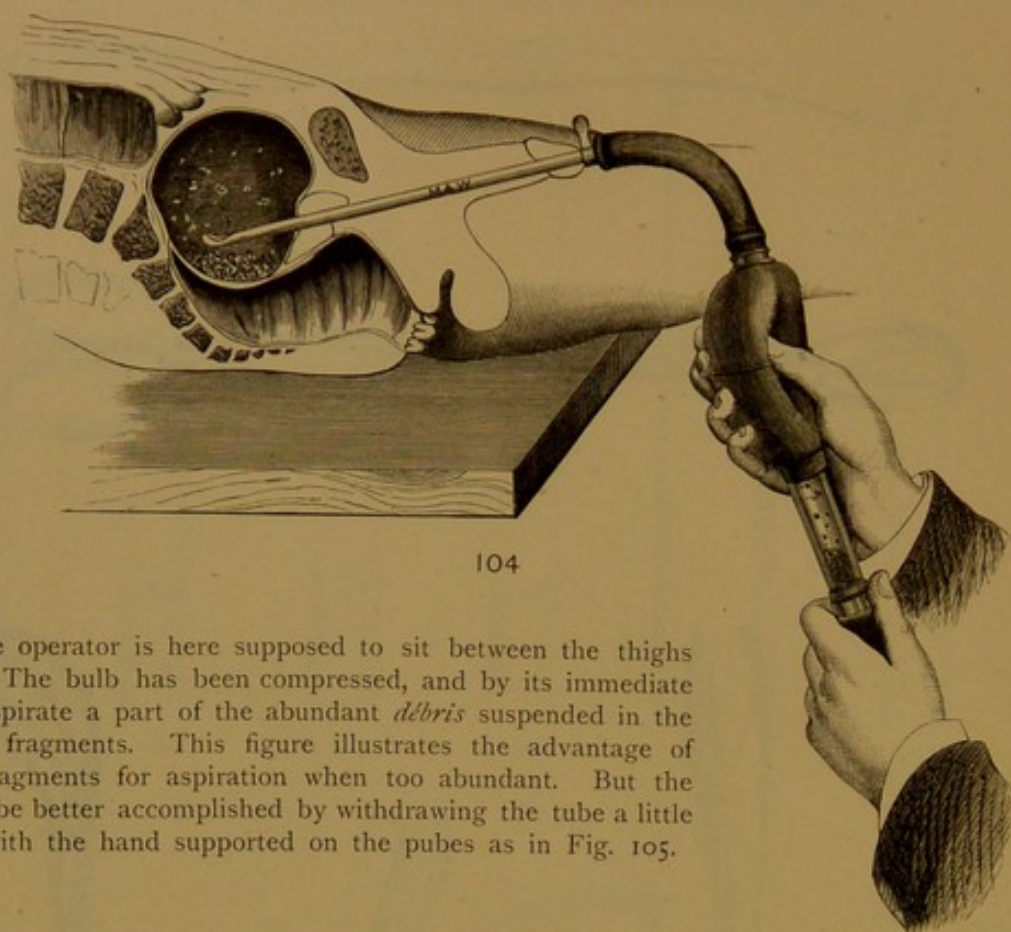
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Fig. 97. FORCEPS, CURVED.
Fig. 98. FORCEPS, STRAIGHT.
Fig. 99. FORCEPS, TEEVAN'S.

Fig. 100. FORCEPS, TEEVAN'S.
THE POINT FITS THE GROOVE
OF THE LITHOTOMY STAFF.

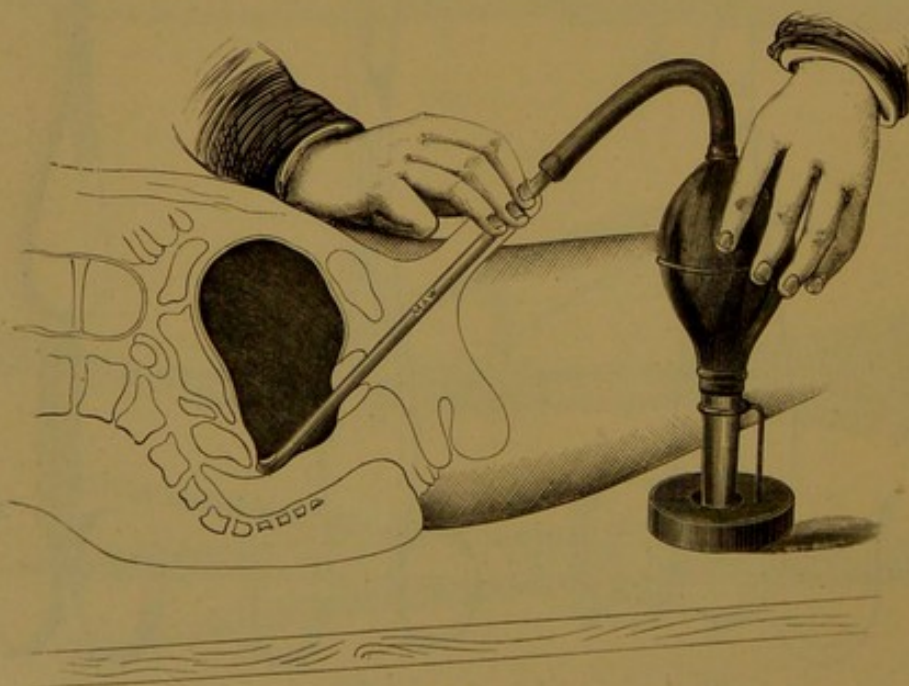
Fig. 101. SCOOP.
Fig. 102. SCOOP, ERICHSEN'S.
Fig. 103. SCOOP, REVOLVING END.

BIGELOW'S EVACUATION APPARATUS.



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Fig. 104.—The operator is here supposed to sit between the thighs of the patient. The bulb has been compressed, and by its immediate expansion will aspirate a part of the abundant *débris* suspended in the fluid above the fragments. This figure illustrates the advantage of dispersing the fragments for aspiration when too abundant. But the same result can be better accomplished by withdrawing the tube a little from the floor with the hand supported on the pubes as in Fig. 105.

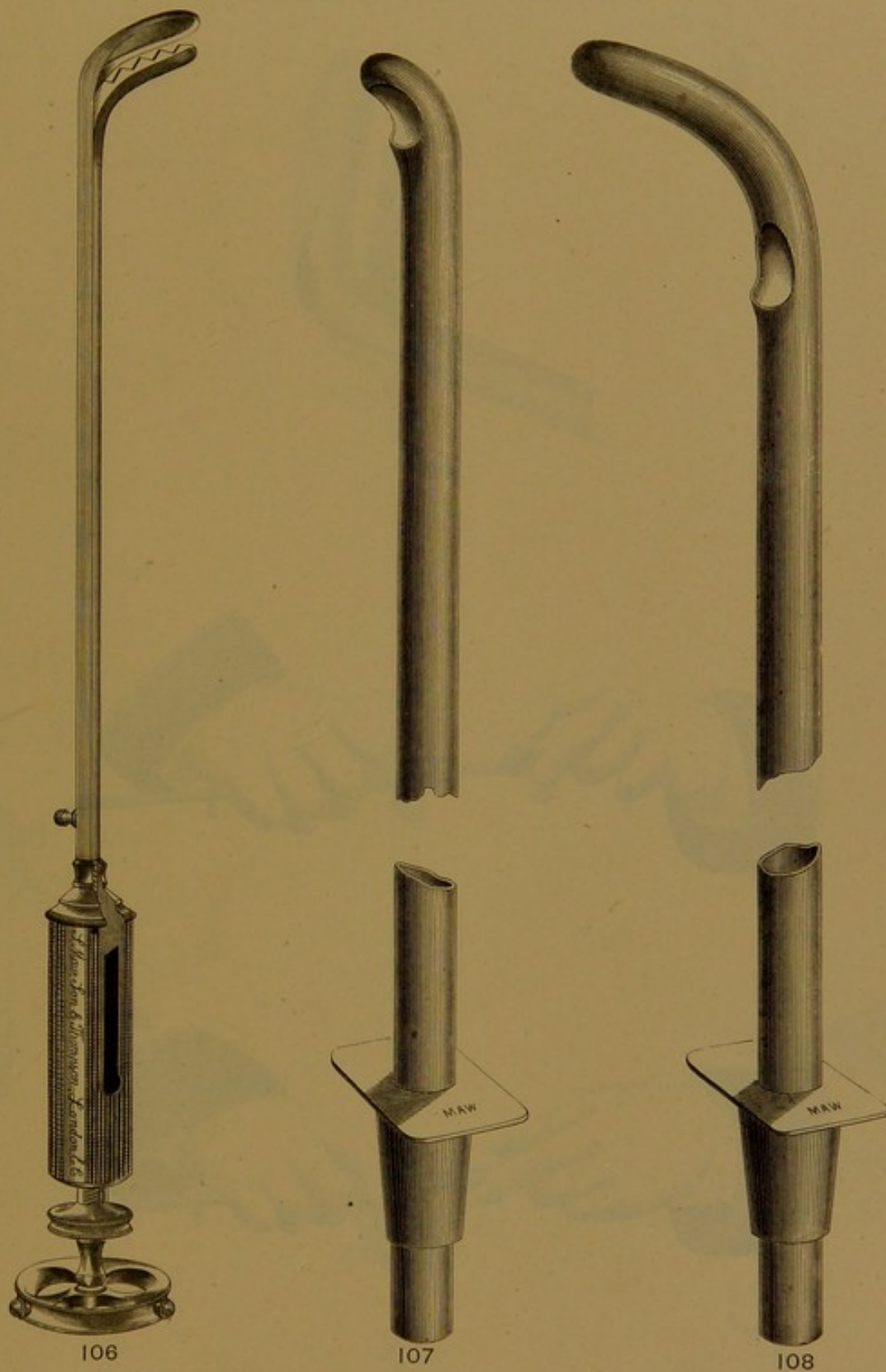


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Fig. 105.—The Trap is here placed in a stand upon the table. The remaining fragments are few, and the capacious bladder is depressed to assemble them. The operator stands on the patient's left, and supports his right hand firmly upon the pubes. This position is, on the whole, the most advantageous.

HENRY J. BIGELOW, M.D., Professor of Surgery in Harvard University. "Litholopaxy," pp. 16 and 17.

BIGELOW'S INSTRUMENTS.



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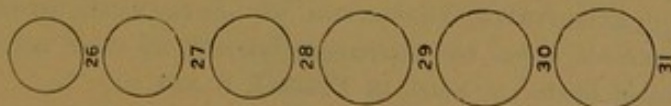
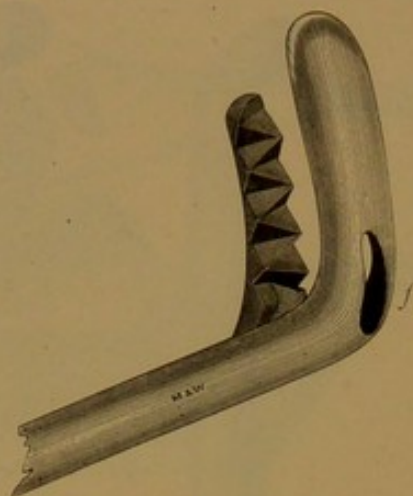


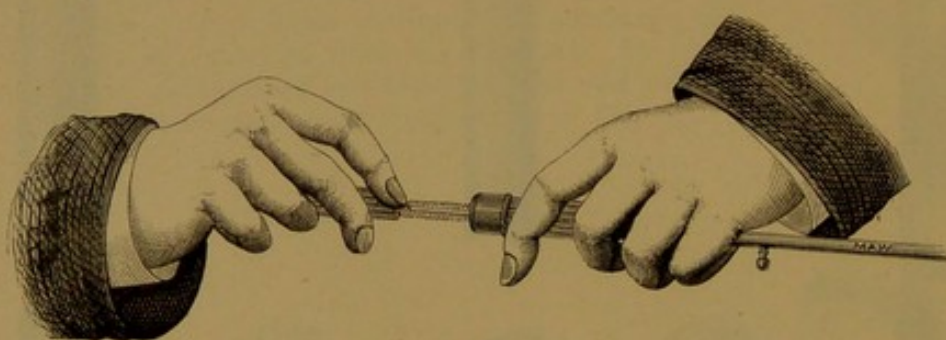
Fig. 106. LITHOTRITE.

Figs. 107, 108. TUBES FOR EVACUATION.

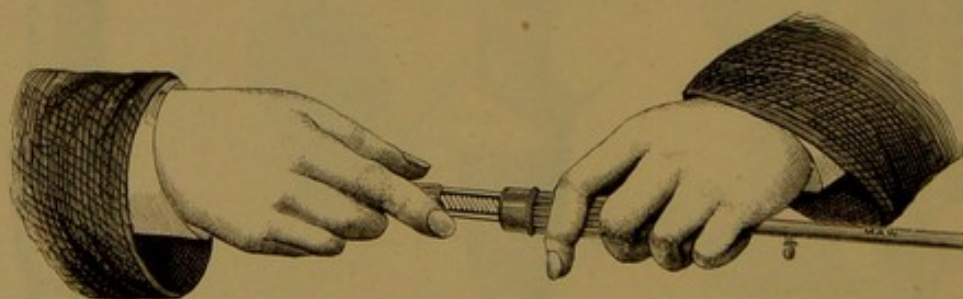
BIGELOW'S LITHOTRITE.



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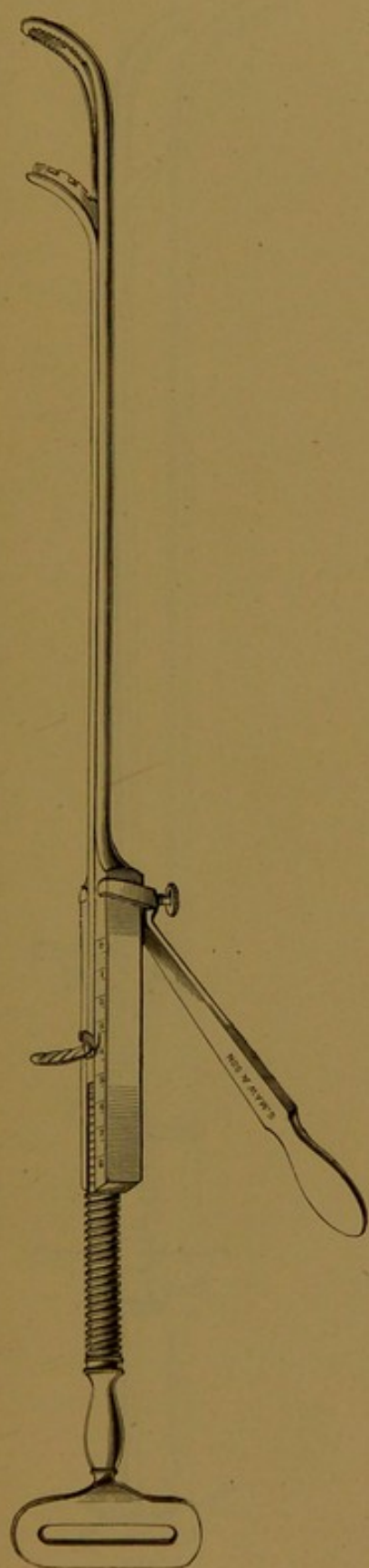
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Fig. 109. MALE BLADE OF LITHOTRITE, PRESENTING ON ALTERNATE SIDES TRIANGULAR NOTCHES. The small portion of *débris* not discharged laterally by these notches, is driven through the slot in the female blade. *f.* SLOT IN FEMALE BLADE.

Fig. 110. LITHOTRITE UNLOCKED.

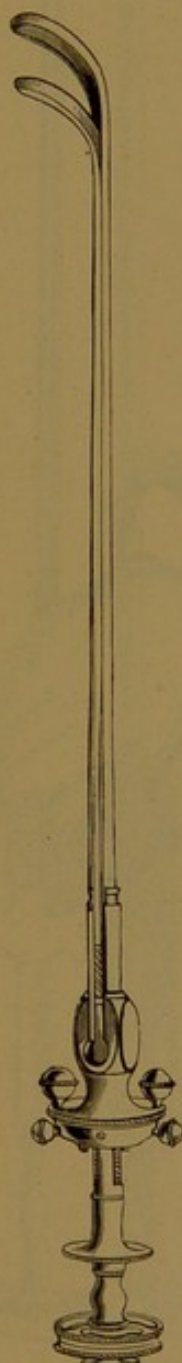
Fig. 111. LITHOTRITE LOCKED BY A QUARTER ROTATION OF THE RIGHT WRIST.

LITHOTRITES.



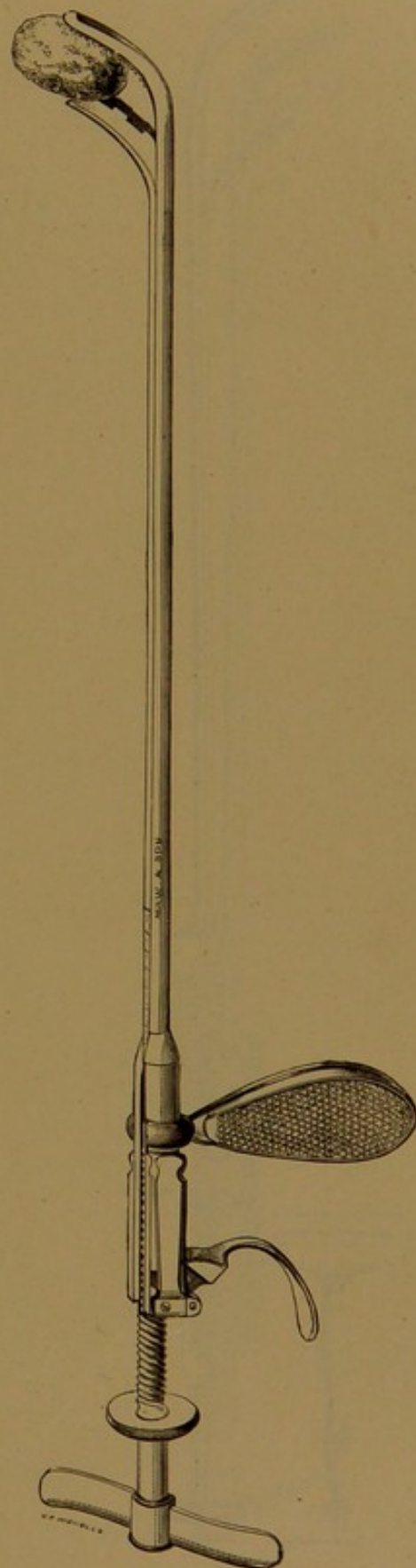
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Fig. 112. BRODIE'S.



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Fig. 113. CIVIALE'S.



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Fig. 114. IMPROVED SPRING-ACTION.

LITHOTRITES (Continued).



Fig. 115. FERGUSSON'S.

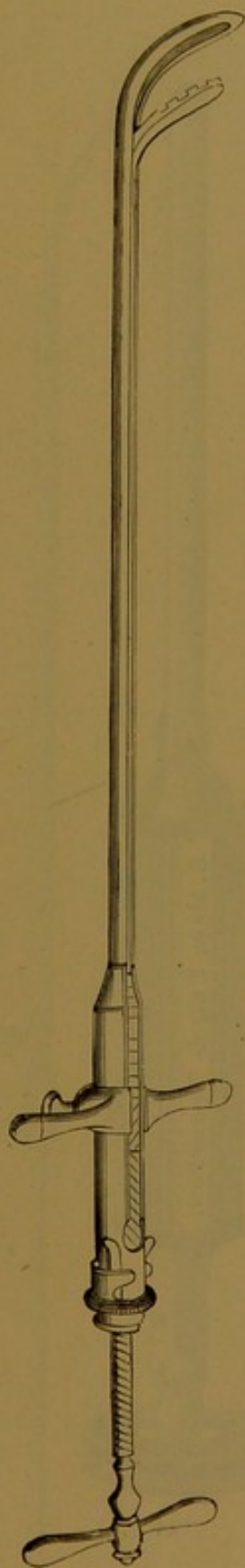
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Fig. 116. FERGUSSON'S.

||

Fig. 117. IMPROVED.

LITHOTRITES (*Continued*).



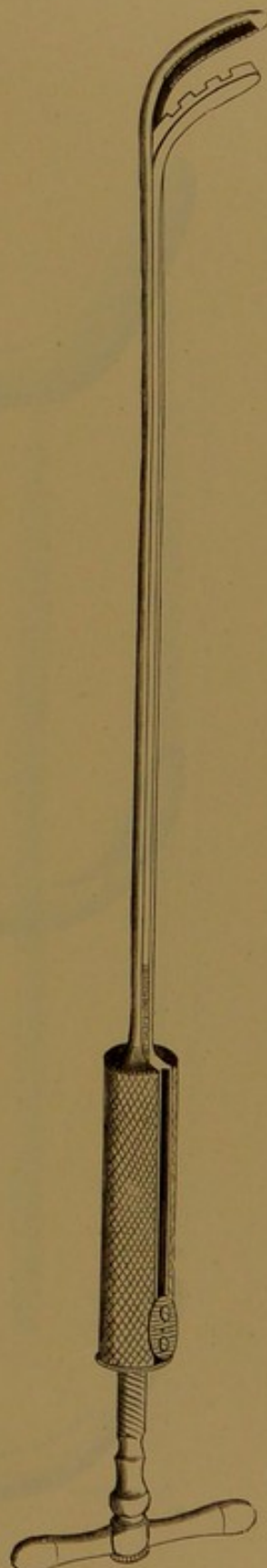
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Fig. 118. SLIDE-ACTION.



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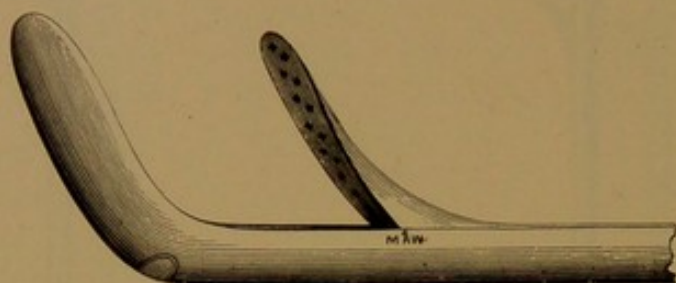
Fig. 119. TEEVAN'S.



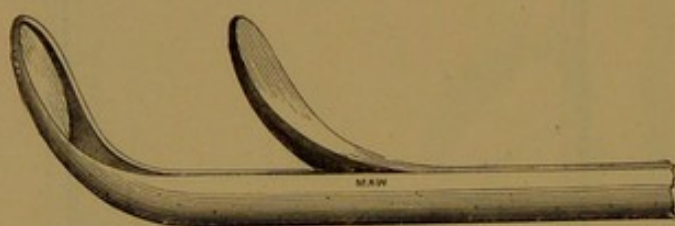
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Fig. 120. THOMPSON'S, WITH CROSS HANDLE.

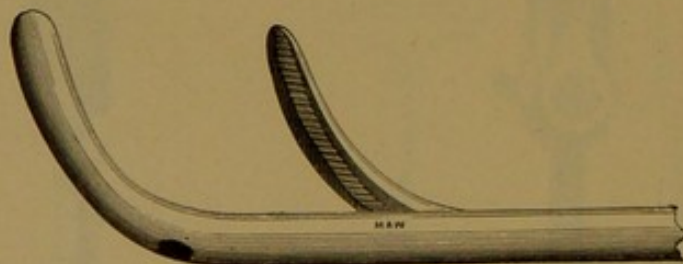
LITHOTRITES (Continued).



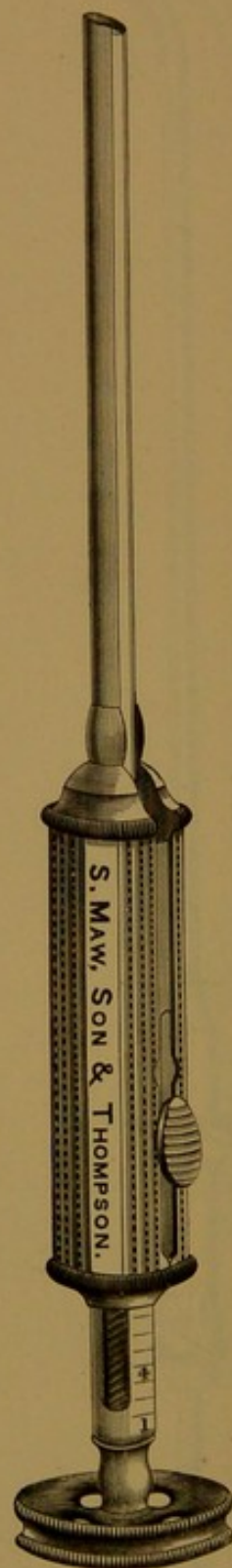
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Figs. 121 to 124. THOMPSON'S IMPROVED.

TEEVAN'S INSTRUMENTS.

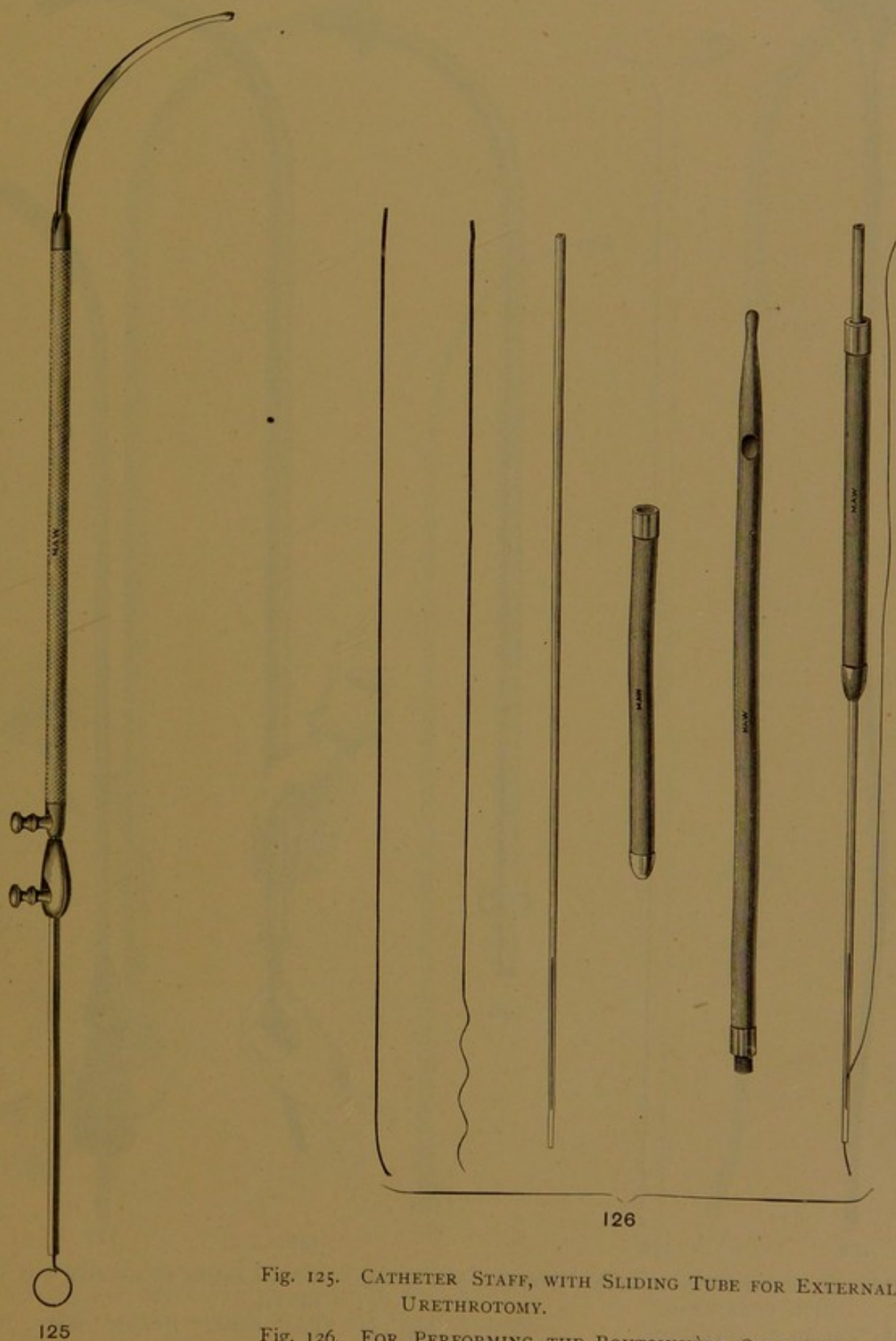


Fig. 125. CATHETER STAFF, WITH SLIDING TUBE FOR EXTERNAL URETHROTOMY.

Fig. 126. FOR PERFORMING THE BOUTONNIÈRE OPERATION.

NAPIER'S INSTRUMENTS

(FOR THE EARLY DETECTION AND REMOVAL OF CALCULI).

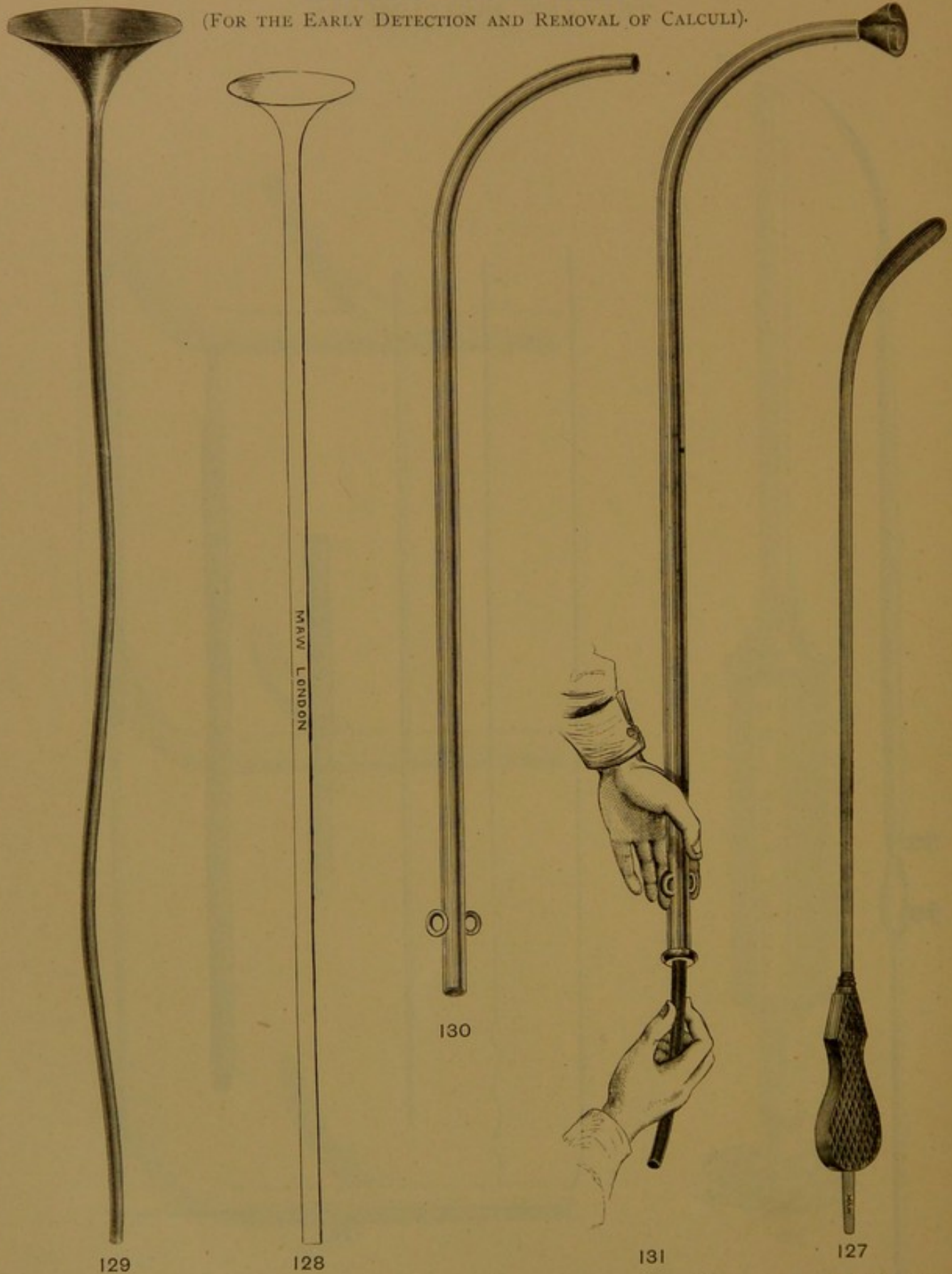


Fig. 127. CALCULUS DETECTOR, STEEL, COATED WITH PURE LEAD.
 Fig. 128. CALCULUS EXTRACTOR.
 Fig. 129. INDIA-RUBBER RETENTIVE CATHETER.

Fig. 130. SILVER CANULA TO RECEIVE FIG. 128 OR 129.
 Fig. 131. TUBE BEING DRAWN INTO THE CANULA.

NAPIER'S INSTRUMENTS (*Continued*).

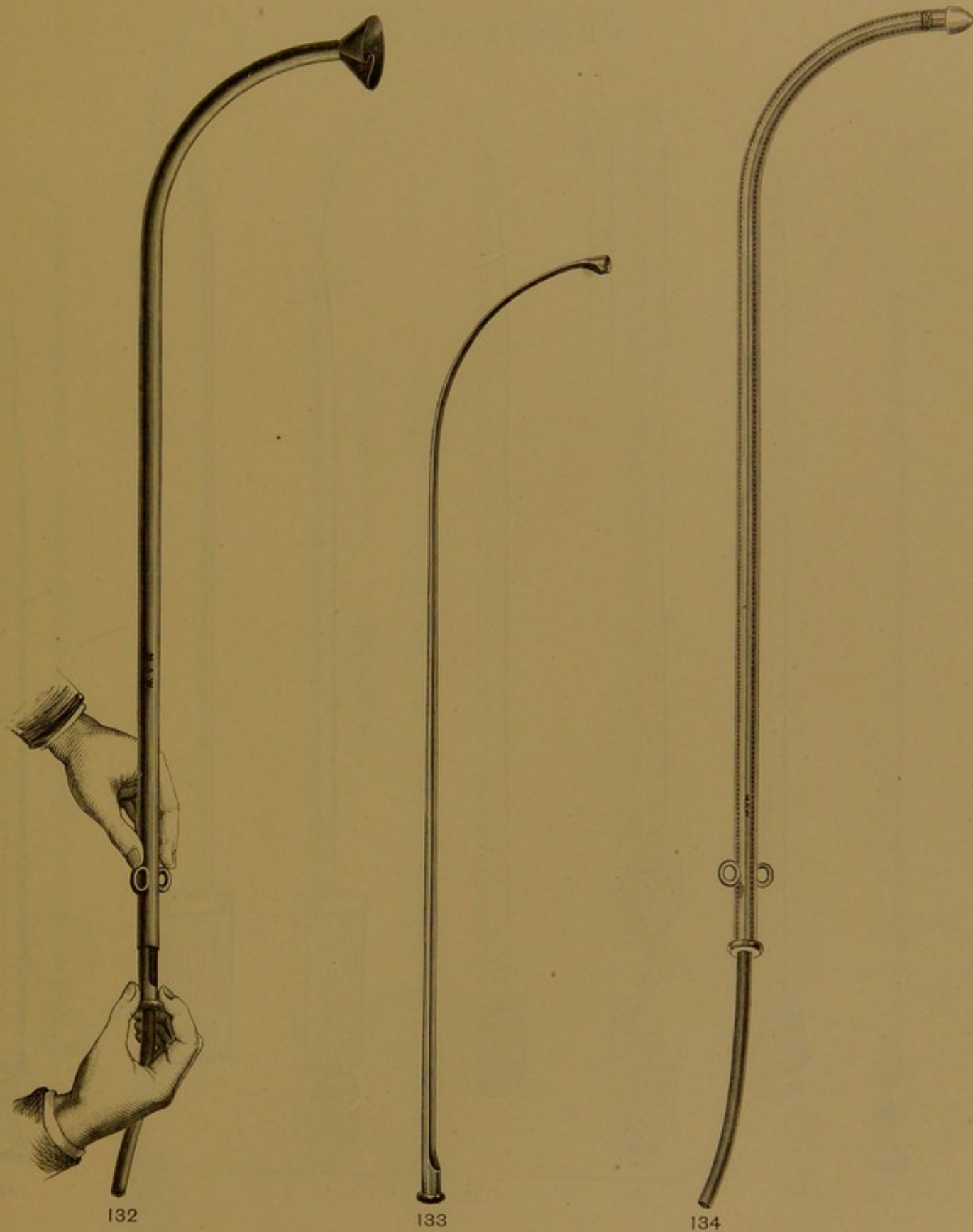


Fig. 132. RETENTIVE CATHETER BEING EXPELLED FROM THE CANULA INTO THE BLADDER.
 Fig. 133. STYLET, TO EMBRACE THE NECK.
 Fig. 134. INSTRUMENT READY FOR INTRODUCTION.

URETHROTOMES.

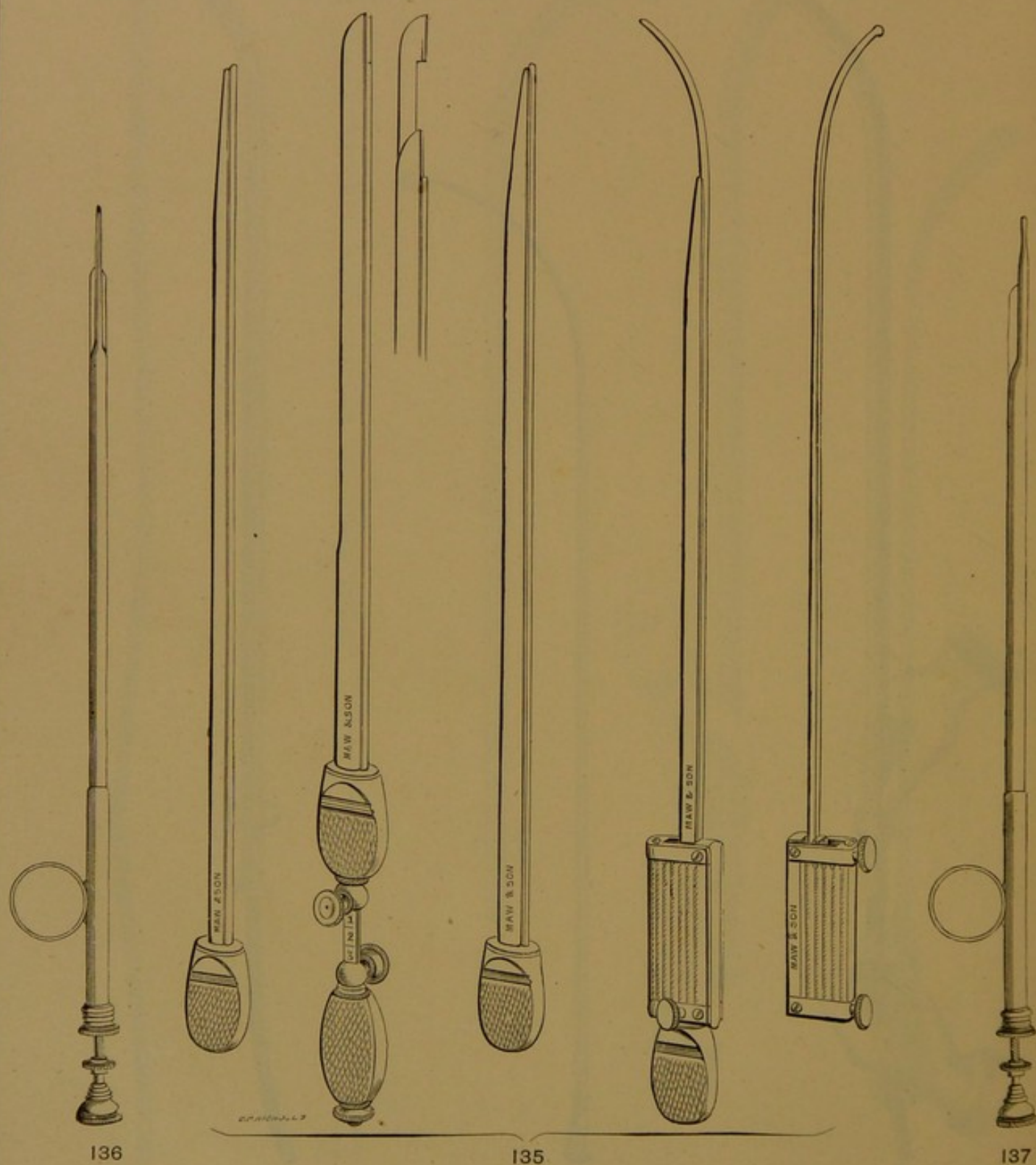


Fig. 135. RICHARDSON'S.

||

Fig. 136. DOUBLE BLADE.

||

Fig. 137. SINGLE BLADE.

URETHROTOMES, ETC. (*Continued*).

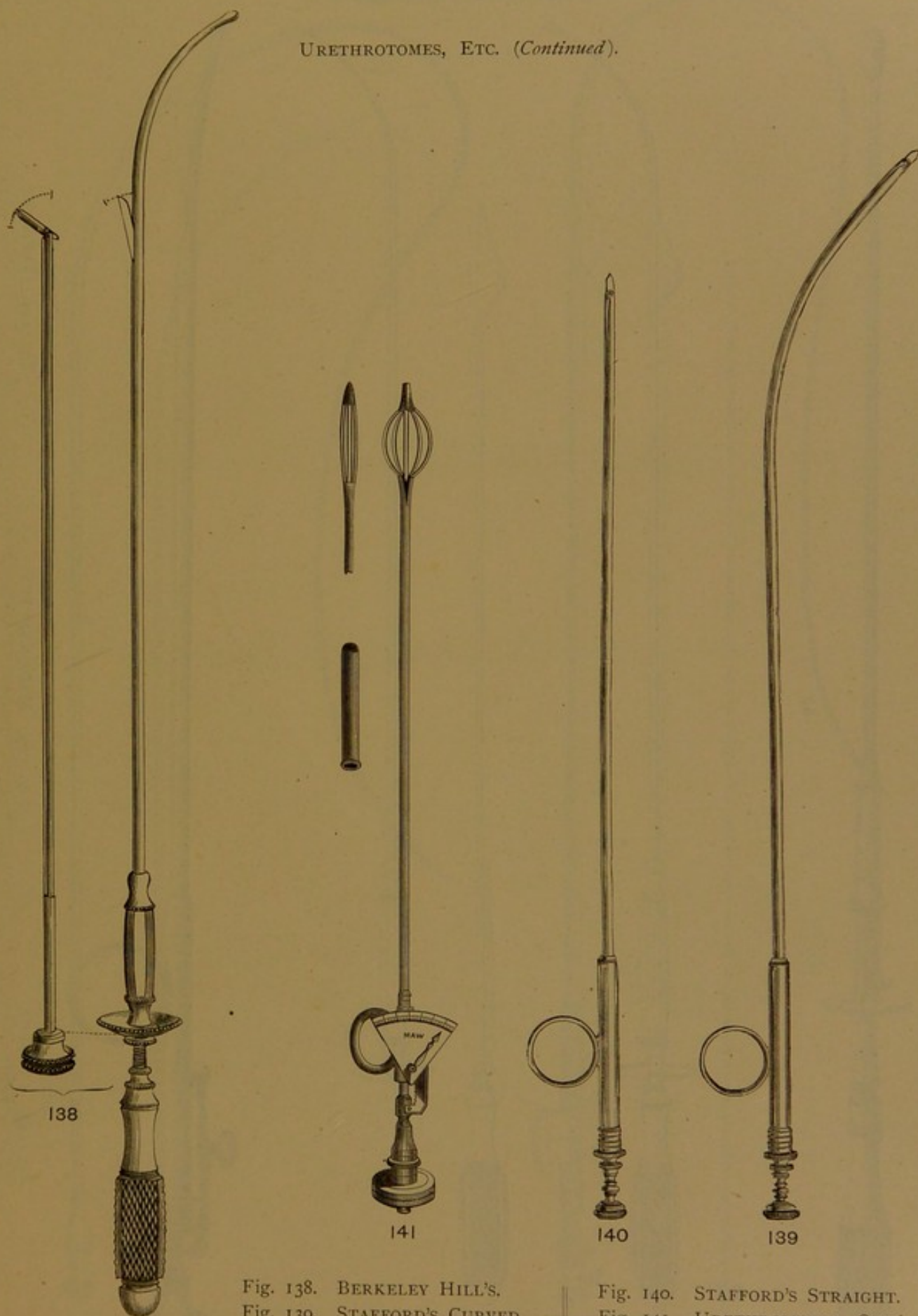


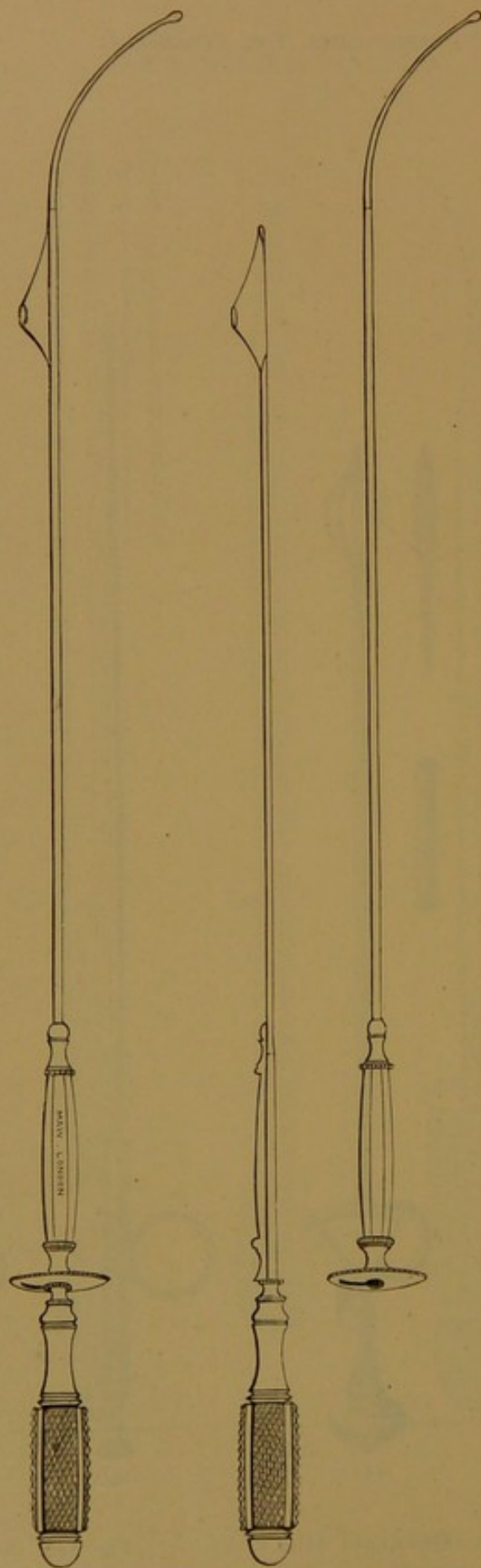
Fig. 138. BERKELEY HILL'S.
Fig. 139. STAFFORD'S CURVED.

Fig. 140. STAFFORD'S STRAIGHT.
Fig. 141. URETHROMETER, OTIS'.

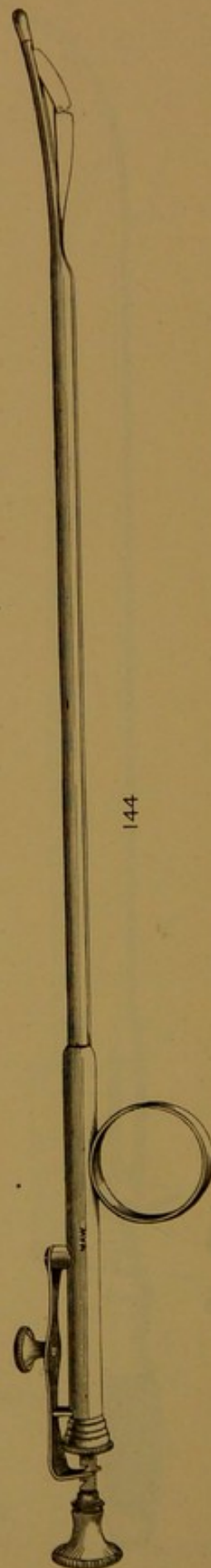
URETHROTOMES (Continued).



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Fig. 144. TRELAT'S.

Fig. 143. MAISONNEUVE'S.

Fig. 142. CIVIALE'S.

URETHROTOMES (Continued).

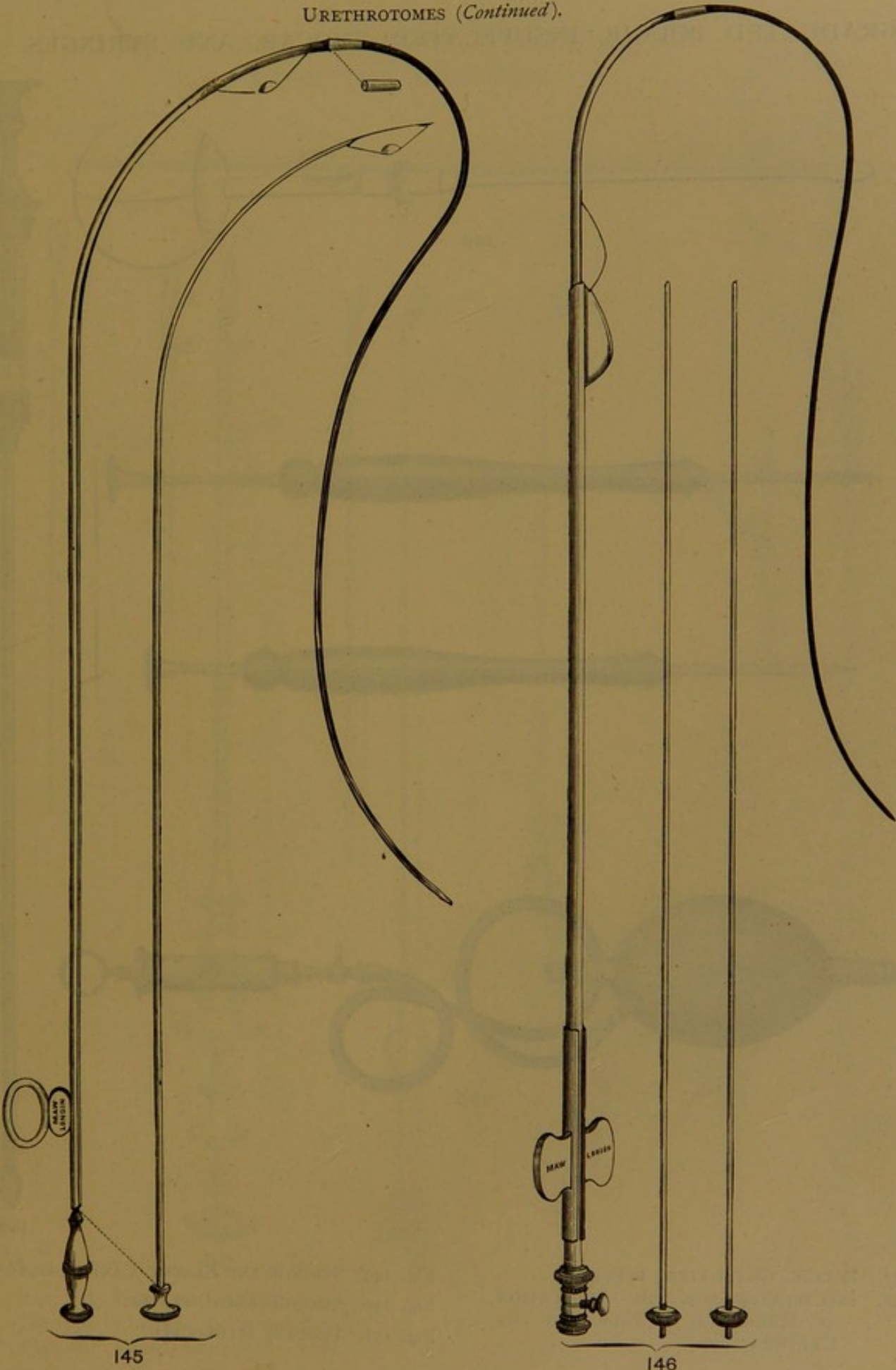


Fig. 145. MAISONNEUVE'S. || Fig. 146. TEEVAN-MAISONNEUVE'S.

GRADUATED BOUGIE, INSUFFLATER, TROCAR, AND SYRINGES.

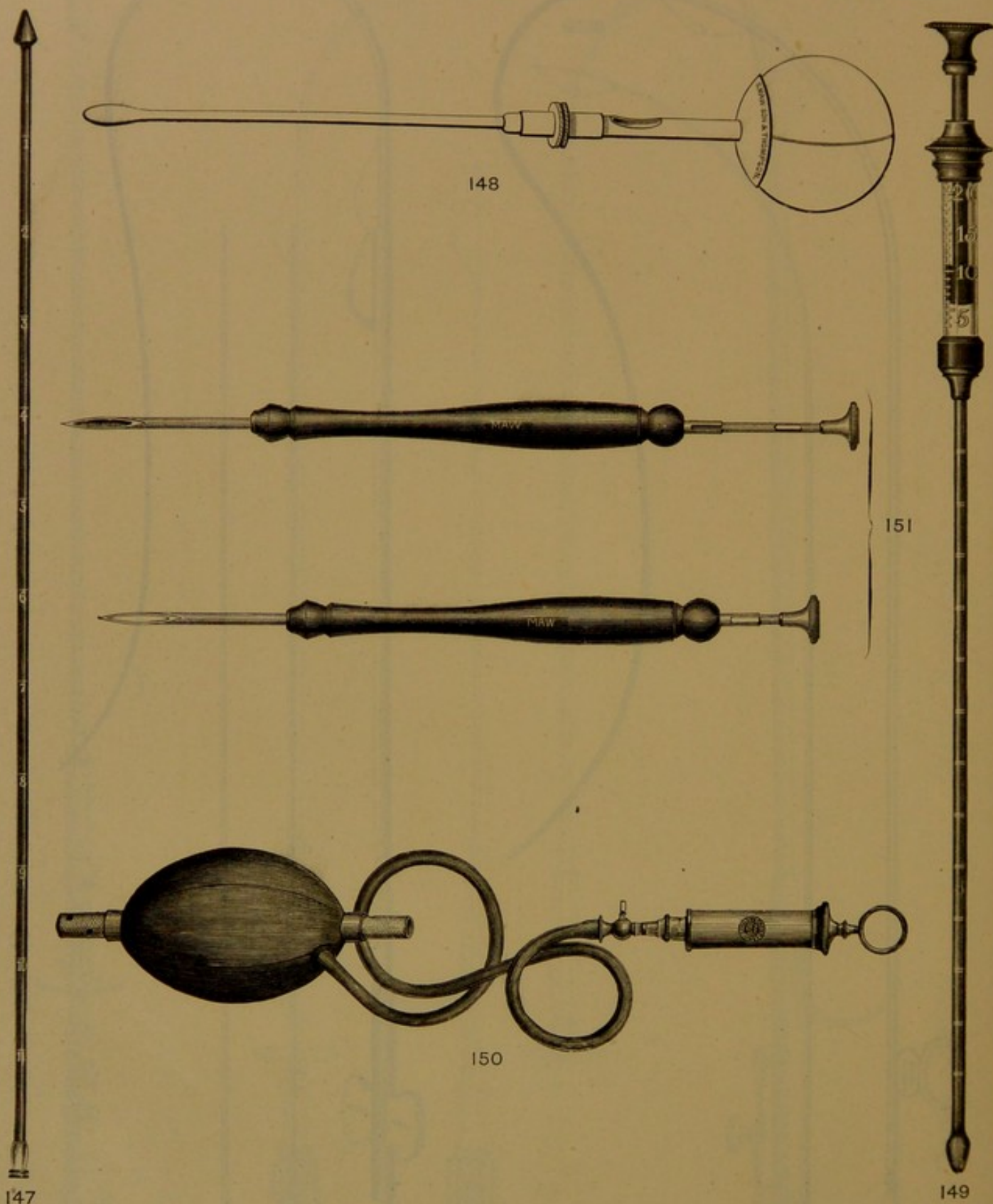


Fig. 147. BOUGIE, GRADUATED, TEEVAN'S.

Fig. 148. INSUFFLATER FOR THE APPLICATION OF MEDICATED POWDERS TO THE URETHRA.

Fig. 149. SYRINGE AND ELASTIC CANULA, GUYON'S.

Fig. 150. SYRINGE AND INFLATER.

Fig. 151. TROCAR, HYDROCELE.

FOR THE EXTRACTION OF FOREIGN BODIES
FROM THE URETHRA.

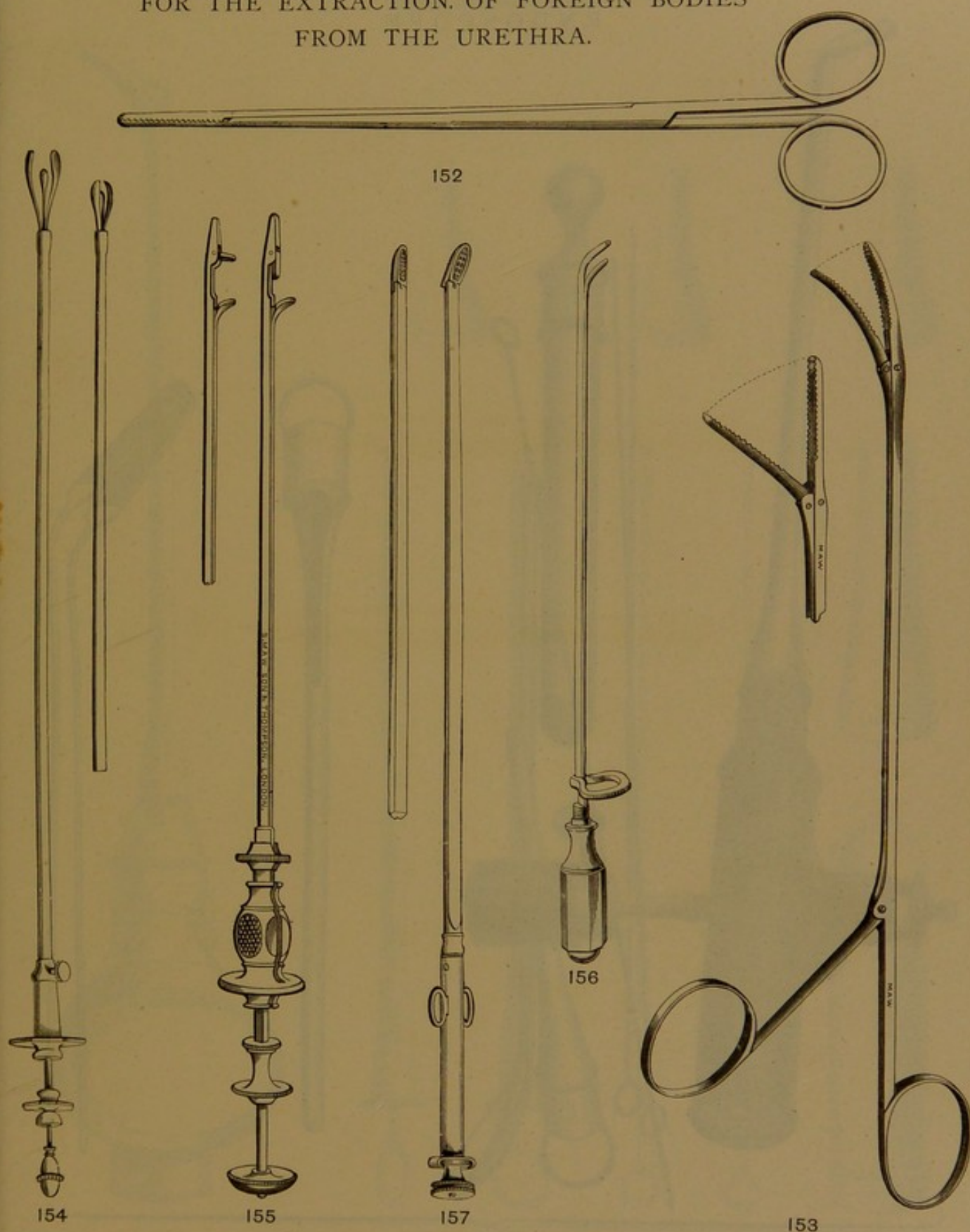


Fig. 152. FORCEPS, NARROW BLADES.

Fig. 153. FORCEPS, IMPROVED JOINT.

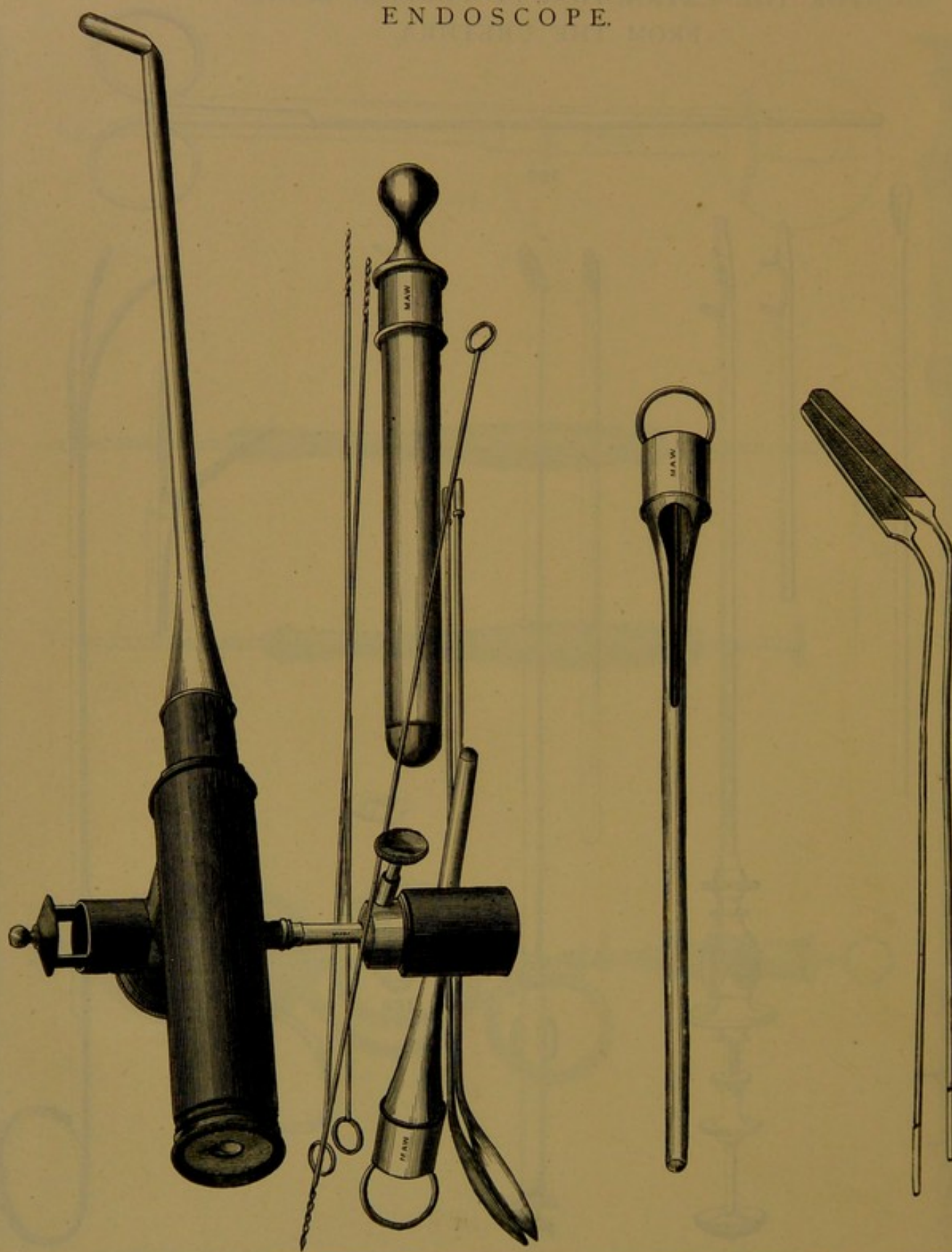
Fig. 154. SCOOP, WITH ROD.

Fig. 155. SCOOP, IMPROVED.

Fig. 156. SCOOP, FERGUSSON'S.

Fig. 157. SCOOP, LEROY D'ETIOLE'S.

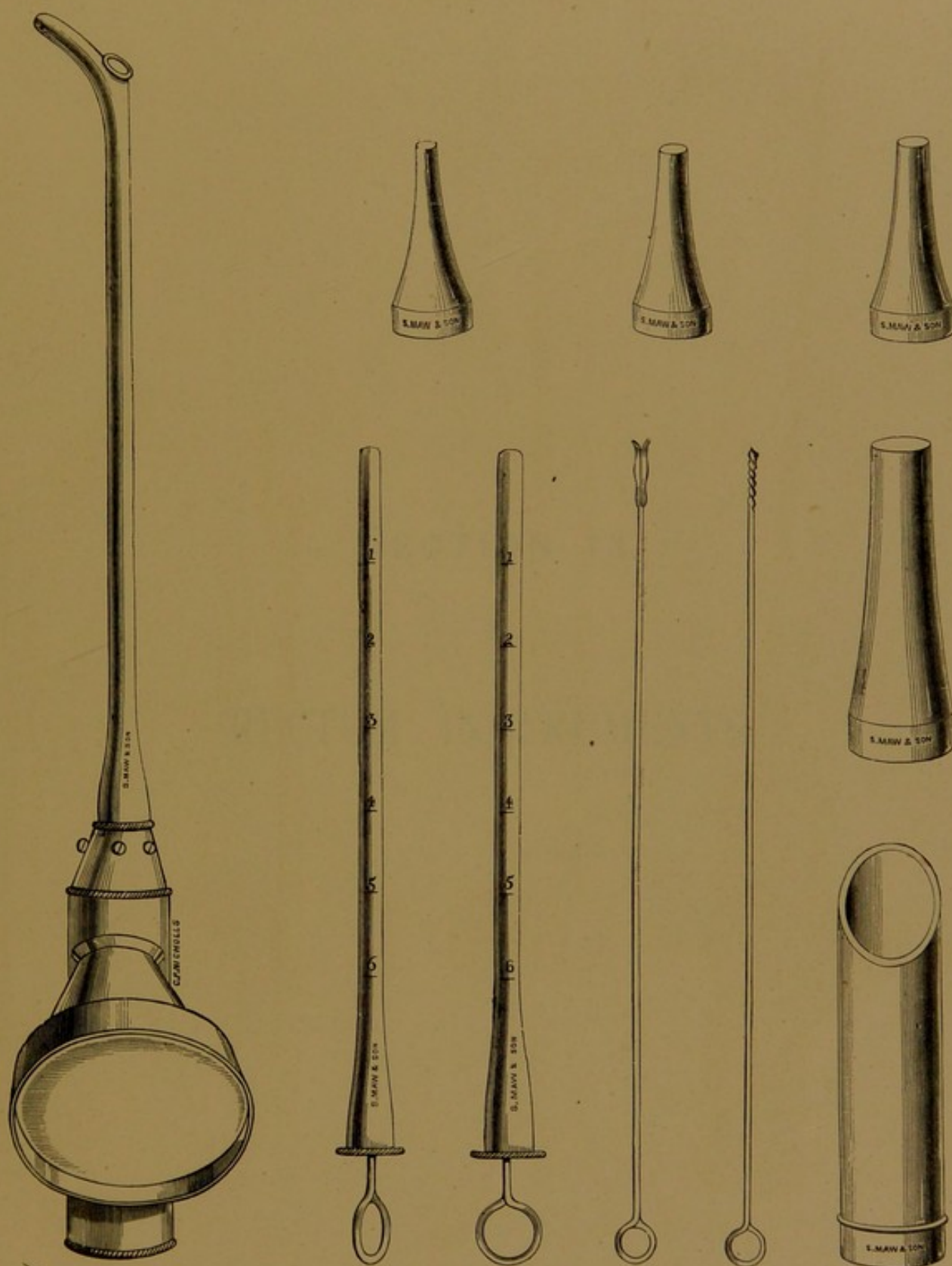
ENDOSCOPE.



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Fig. 158. COLIN'S, WITH CONDUCTORS, SPECULUMS, ETC.

ENDOSCOPE (Continued).



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Fig. 159. WARWICK'S, WITH SPECULUMS, ETC.



SECTION IX.



RECTUM INSTRUMENTS.

CONTENTS OF SECTION IX.

BISTOURIES.

CAUTERIES.

CLAMPS.

DILATOR.

DIRECTORS.

FORCEPS FOR HÆMORRHOIDS.

HOOKS.

NEEDLES FOR HÆMORRHOIDS.

OINTMENT TUBE.

PROBES.

SCISSORS.

SINUS SYRINGE.

SPECULUMS.

SUPPOSITORY TUBE.

FOR FISTULA, HÆMORRHOIDS, ETC.

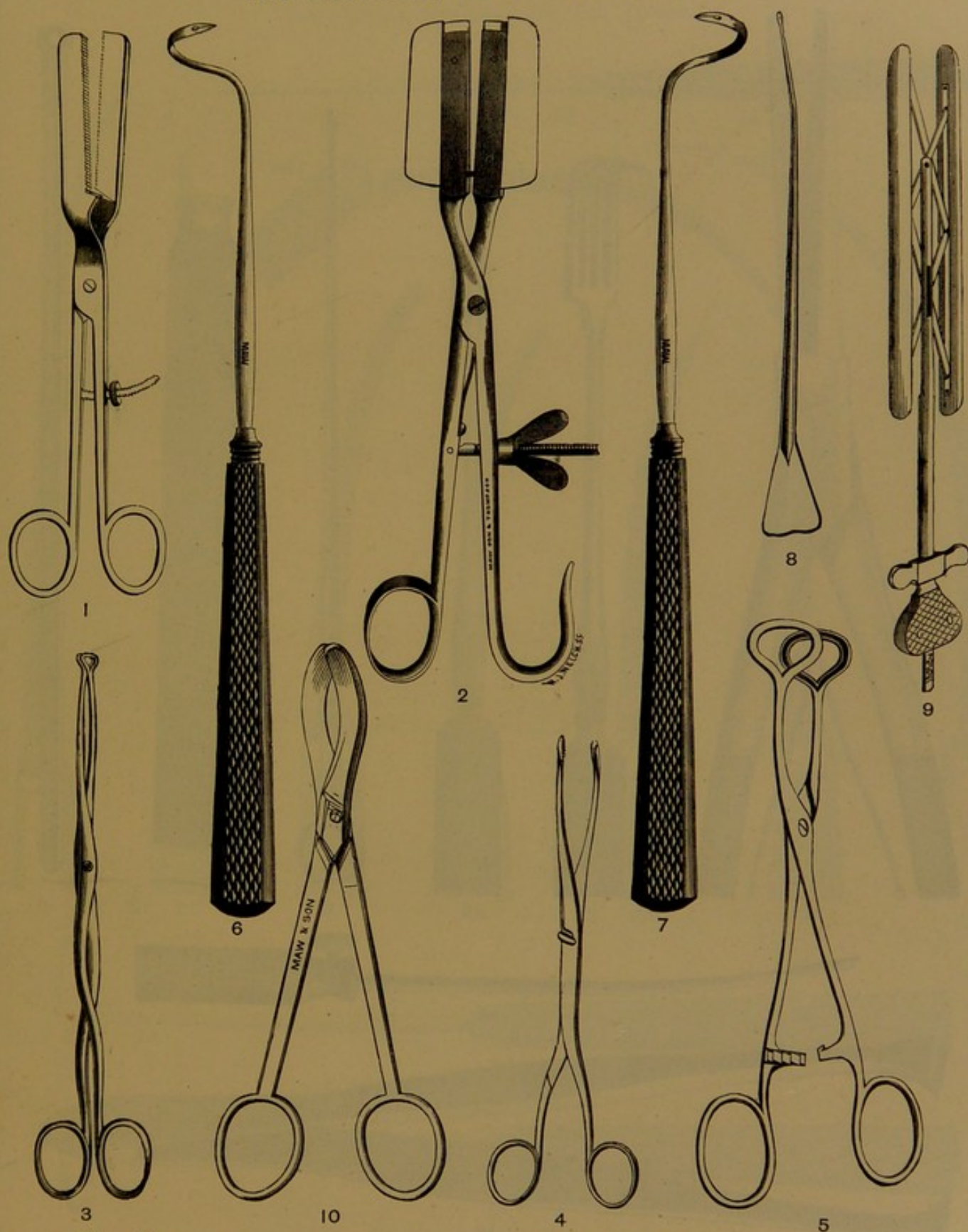


Fig. 1. } CLAMPS, H. SMITH'S.
 Fig. 2. }
 Fig. 3. }
 Fig. 4. } FORCEPS, FENESTRATED.
 Fig. 5. }

Fig. 6. } NEEDLES.
 Fig. 7. }
 Fig. 8. } PROBE DIRECTOR, BRODIE'S.
 Fig. 9. } RECTUM DILATOR, TODD'S.
 Fig. 10. } SCISSORS, CONCAVE BLADES.

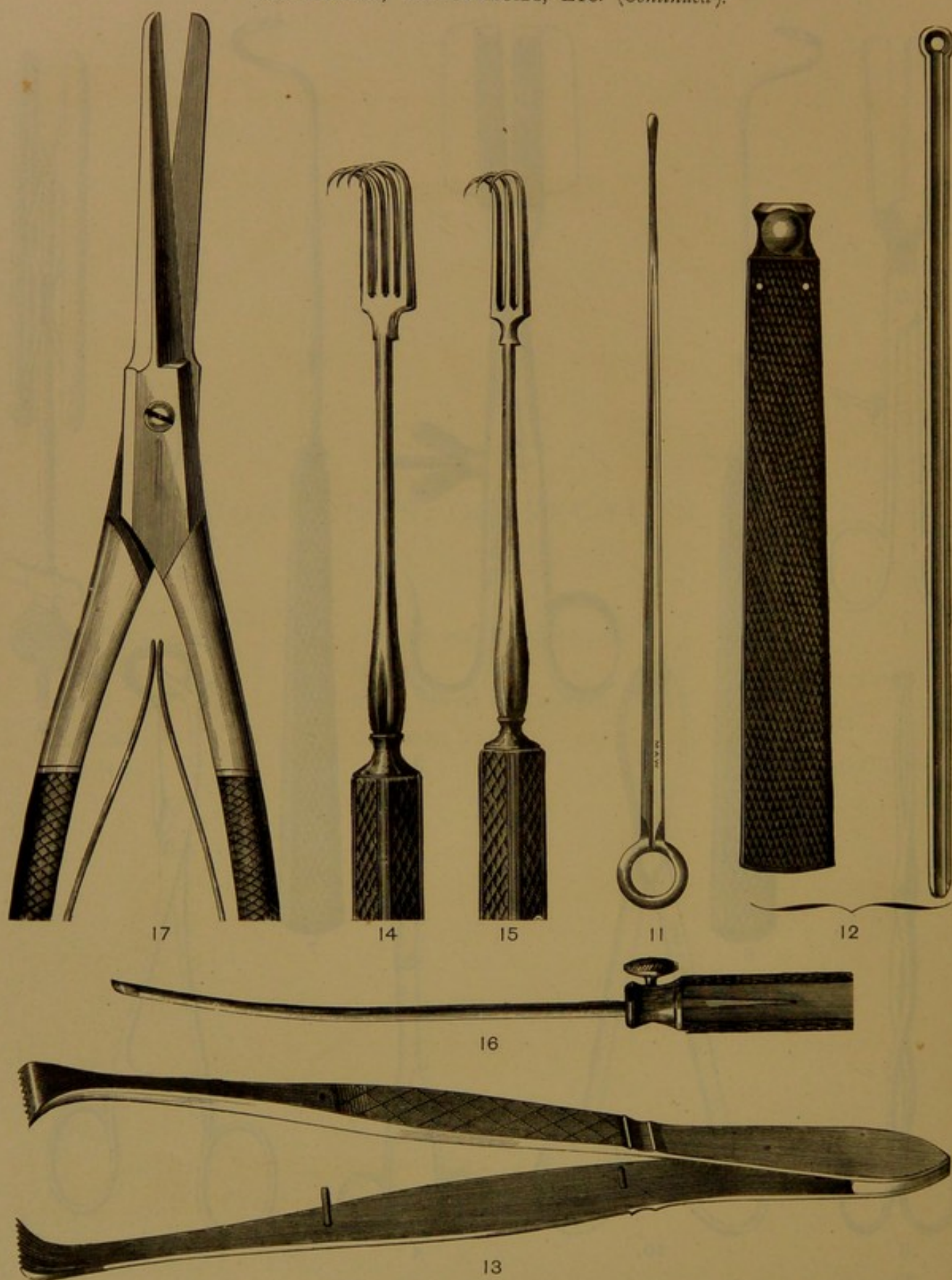
FOR FISTULA, HÆMORRHOIDS, ETC. (*Continued*).

Fig. 11. DIRECTOR, ALLINGHAM'S.

Fig. 12. DIRECTOR, GOWLLAND'S.

Fig. 13. FORCEPS.

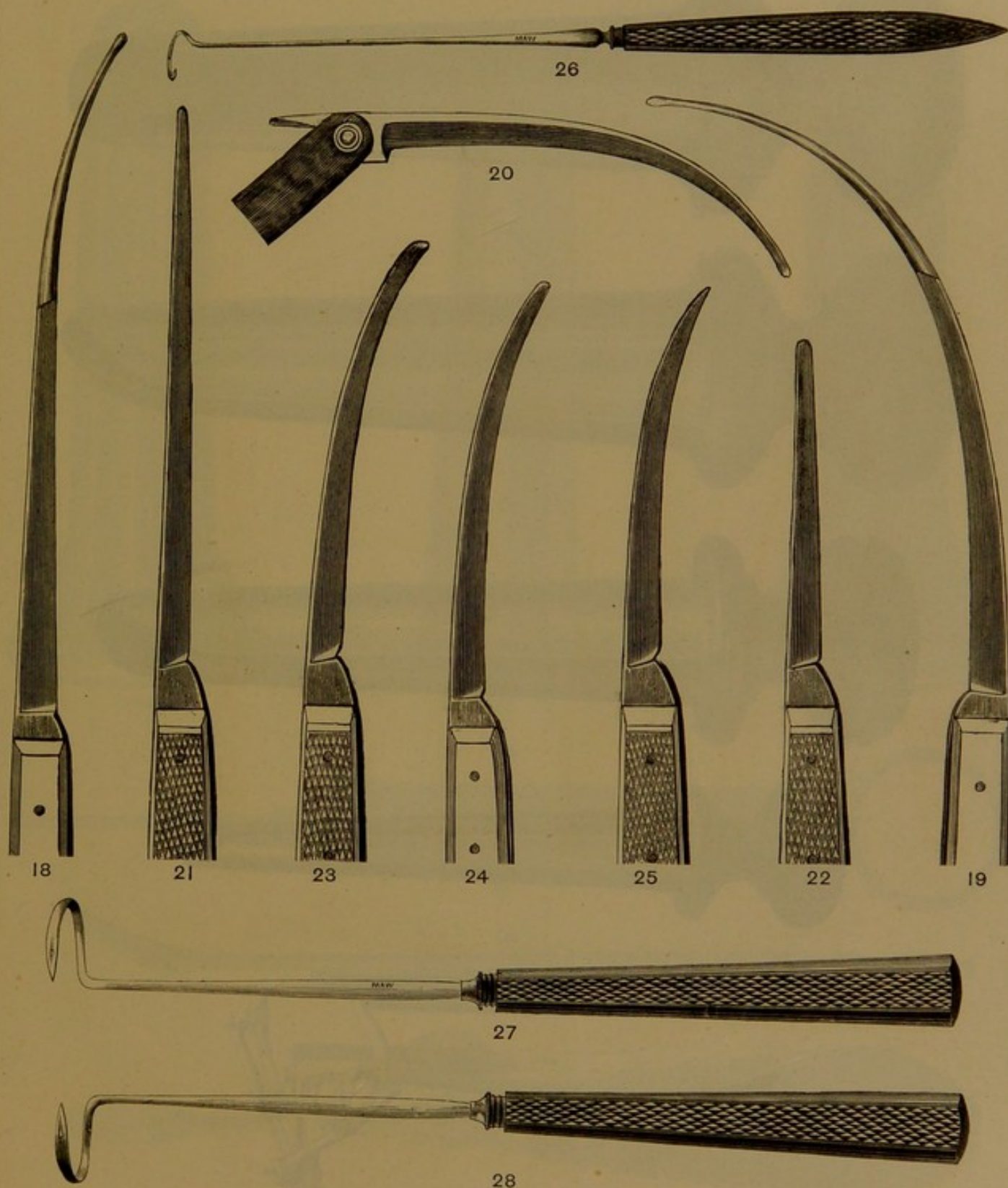
Fig. 14. } HOOKS, SALMON'S.

Fig. 15. }

Fig. 16. PROBE, GOWLLAND'S.

Fig. 17. SCISSORS, SALMON'S.

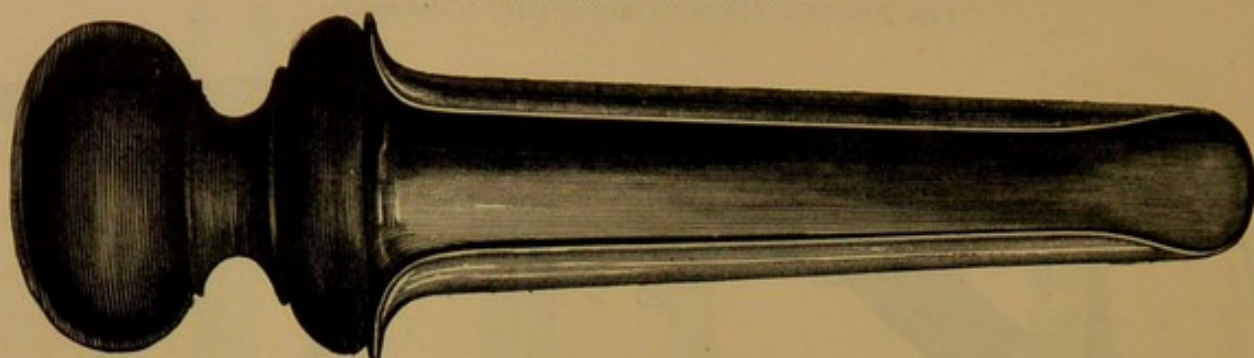
FOR FISTULA, HÆMORRHOIDS, ETC. (*Continued*).



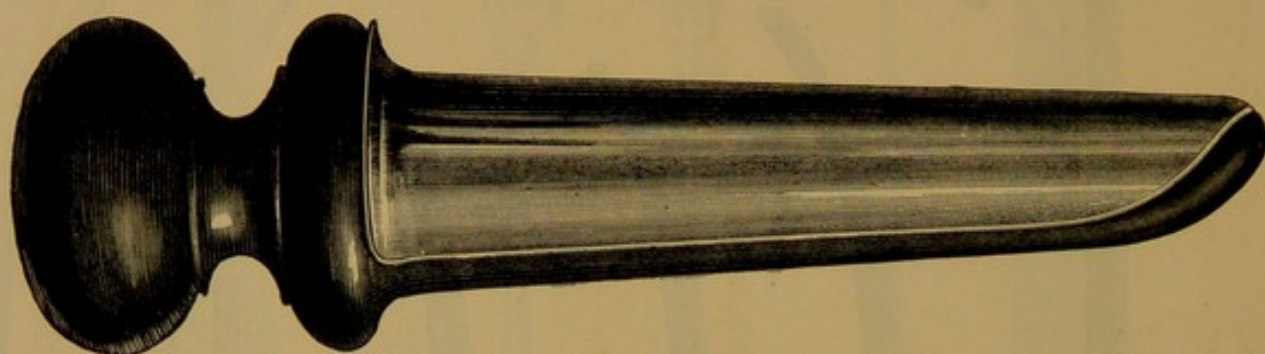
Figs. 18 } BISTOURIES, BULB POINTS.
to 20.
Figs. 21 } BISTOURIES, BLUNT POINTS.
to 24.

Fig. 25. BISTOURY, SHARP POINT.
Fig. 26. HOOK, SHARP.
Fig. 27. NEEDLE, RIGHT.
Fig. 28. NEEDLE, LEFT.

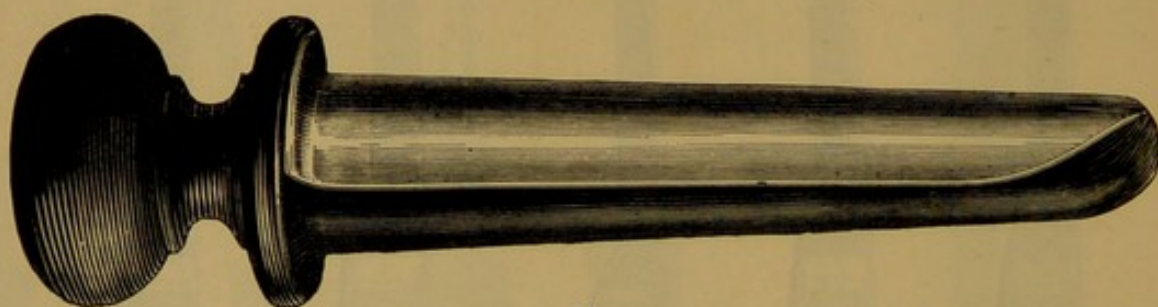
SPECULUMS.



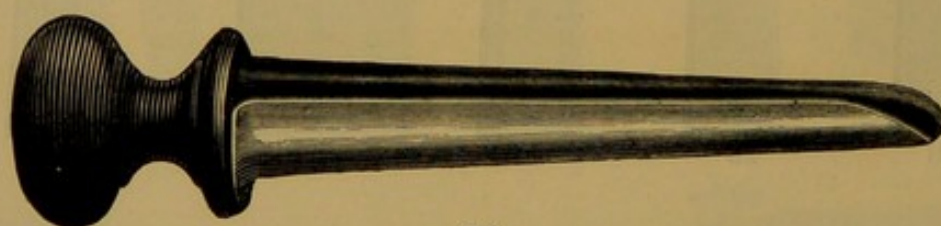
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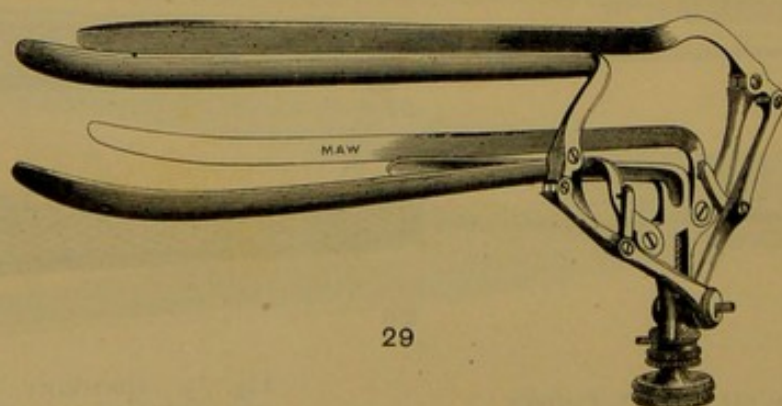
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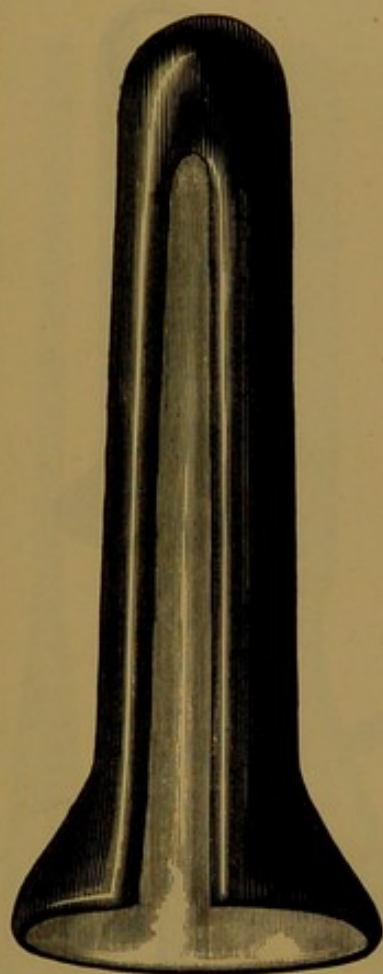


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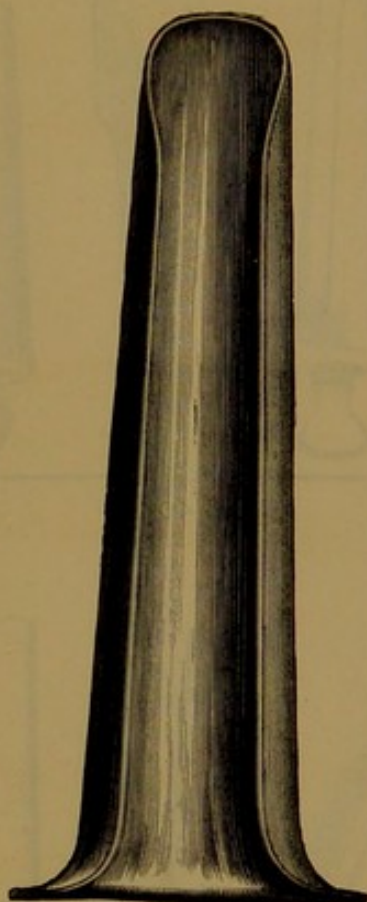
Fig. 29. ALLINGHAM'S.

Figs. 30 to 33. GOWLLAND'S.

SPECULUMS, SINUS SYRINGE, AND STEEL CAUTERIES.



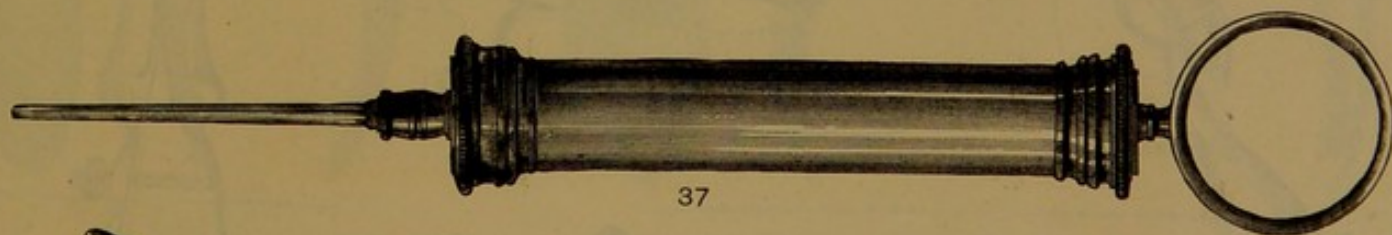
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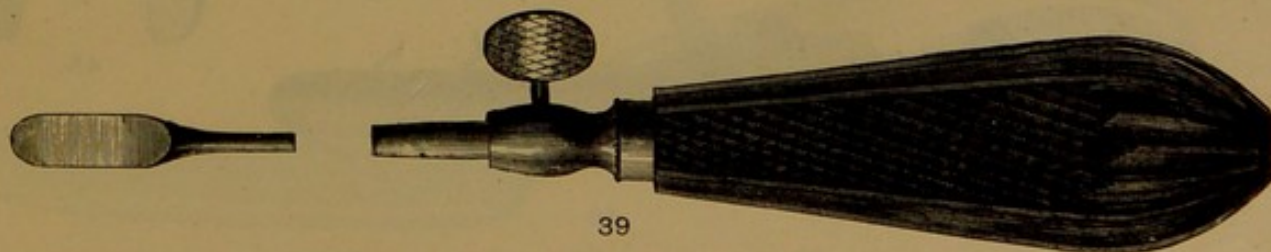
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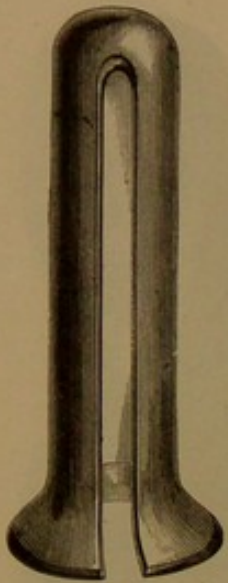


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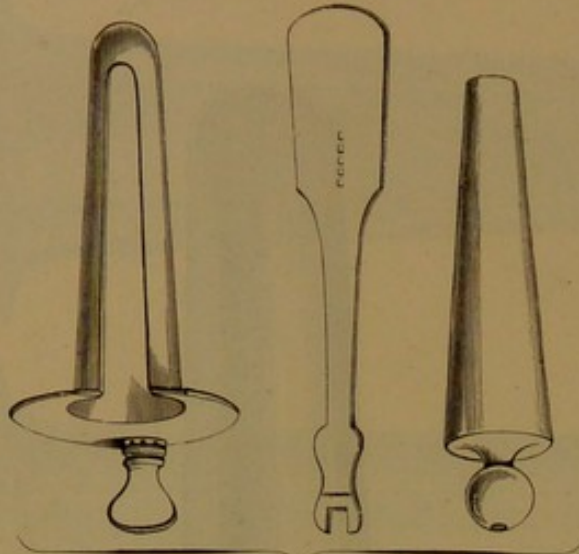
- Fig. 34. SPECULUM, ELASTIC-GUM.
 Fig. 35. SPECULUM, ELASTIC-GUM.
 Fig. 36. SPECULUM, METAL, GOWLLAND'S.

- Fig. 37. SINUS SYRINGE, GOWLLAND'S.
 Fig. 38. } STEEL CAUTERIES, GOWLLAND'S.
 Fig. 39. }

SPECULUMS, OINTMENT AND SUPPOSITORY TUBES.



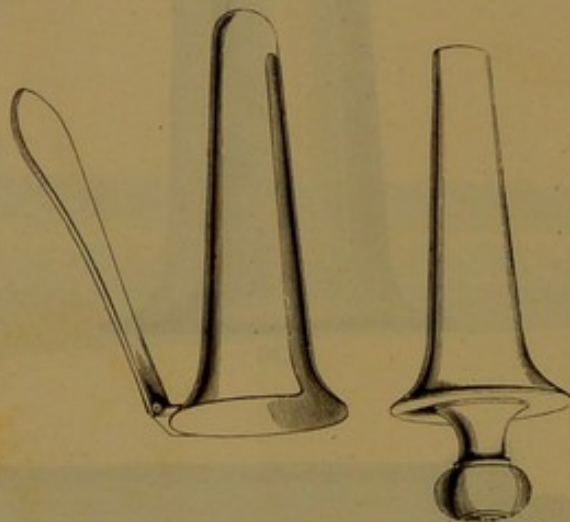
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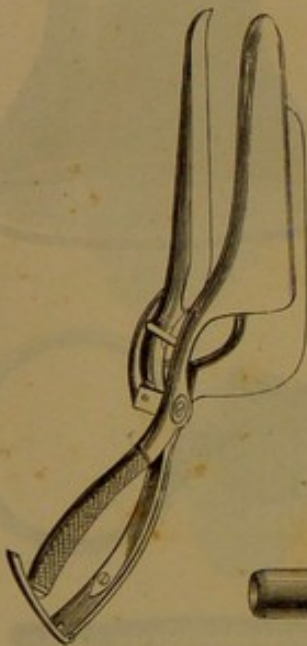
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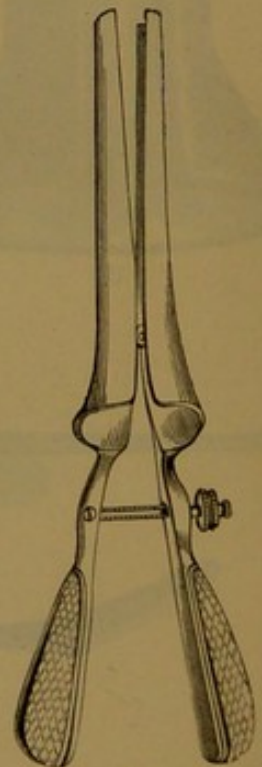
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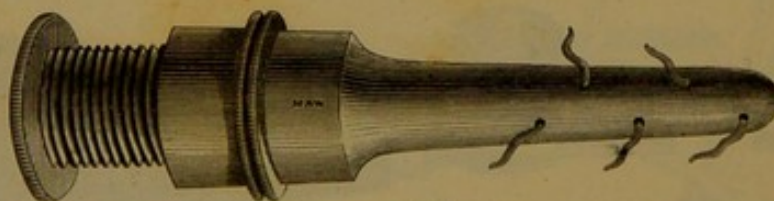
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Fig. 40. CURLING'S.
 Fig. 41. } FERGUSON'S.
 Fig. 42. }
 Fig. 43. HILTON'S.

Fig. 44. LANE'S.
 Fig. 45. RICORD'S.
 Fig. 46. OINTMENT TUBE, ALLINGHAM'S.
 Fig. 47. SUPPOSITORY TUBE.

GOWLLAND'S CLAMPS.

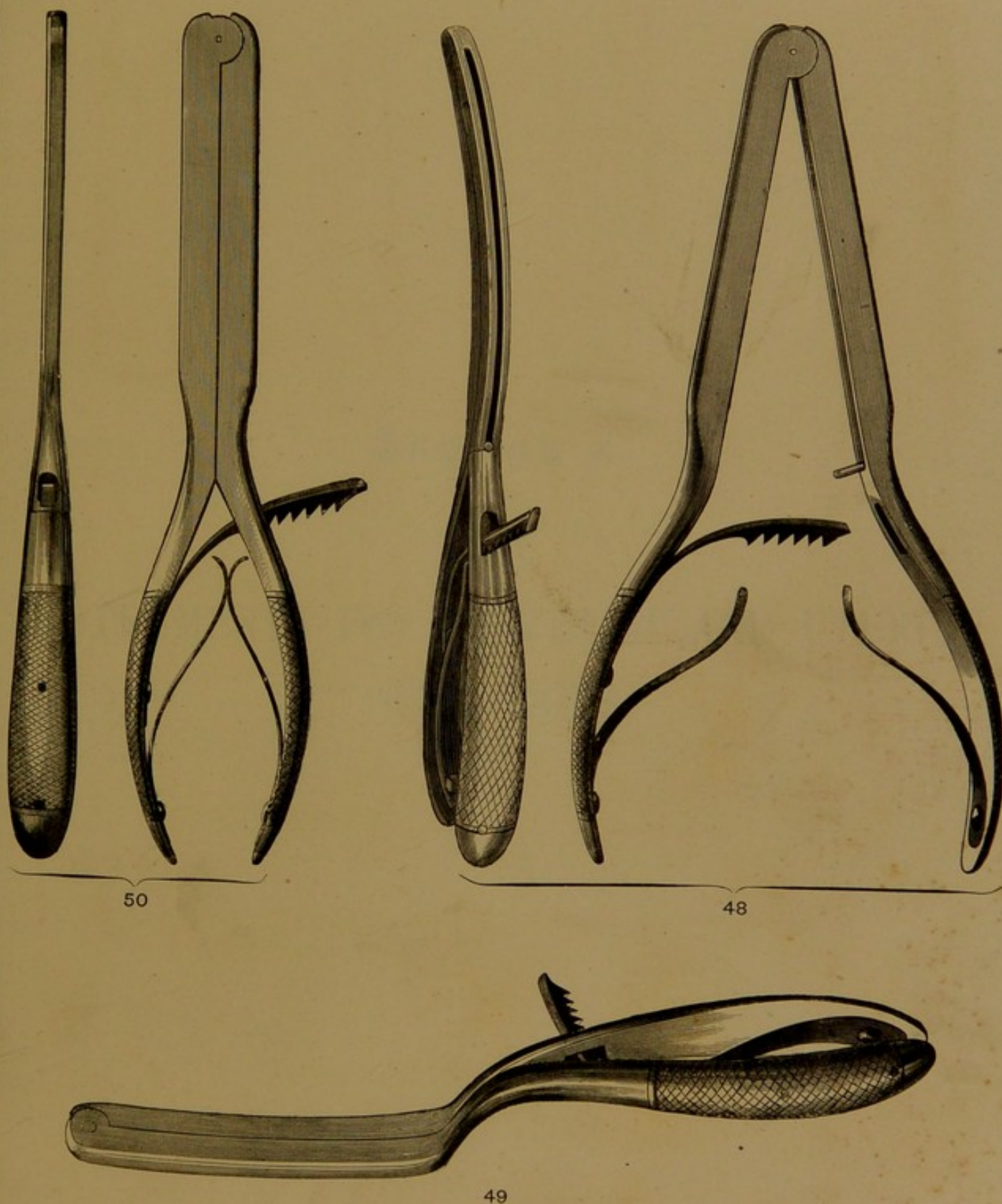


Fig. 48. CURVED, WITH FENESTRA.

||

Fig. 49. CURVED, PLAIN.

||

Fig. 50. STRAIGHT.



SECTION X.



INSTRUMENTS FOR OBSTETRIC AND UTERINE
OPERATIONS.

CONTENTS OF SECTION X.

CAUSTIC-HOLDERS.

CAUTERY IRONS.

CEPHALOMETER.

CEPHALOTRIBES.

CLAMPS FOR OVARIOTOMY.

CURETTES.

DECAPITATING HOOKS.

DEPRESSORS.

DILATING SOUNDS.

FILLET.

FINE AND BLUNT HOOKS.

FORCEPS, CRANIOTOMY.

FORCEPS, OBSTETRIC.

FORCEPS, OVUM.

FUNIS TUBE.

INSTRUMENTS FOR VESICO-
VAGINAL FISTULA AND
RUPTURED PERINEUM.

INSTRUMENTS FOR THE AP-
PLICATION OF CAUSTIC,
PESSARIES, POWDER AND
SOLUTIONS TO THE UTERUS.

INSTRUMENTS FOR DILATING
THE OS AND CERVIX
UTERI, ETC.

INSTRUMENTS FOR PUNC-
TURING AND SCARIFYING
THE UTERUS.

INSTRUMENTS FOR THE RE-
MOVAL OF POLYPUS AND
TUMOURS.

METROTOMES FOR INCISING
THE OS AND CERVIX
UTERI.

NEEDLE-HOLDERS.

OBSTETRIC BAGS AND
CASES.

OBSTETRIC POCKET CASES.

PELVIMETERS.

PERFORATORS.

PESSARIES.

SCISSORS FOR INCISING THE
OS AND CERVIX UTERI.

SOUNDS FOR DIAGNOSIS.

SPECULUMS FOR DIAGNOSIS.

TENT CARRIERS.

TRACTORS.

TROCARS FOR OVARIAN
CYSTS.

UTERUS SCRAPER.

SPECULUMS FOR DIAGNOSIS.

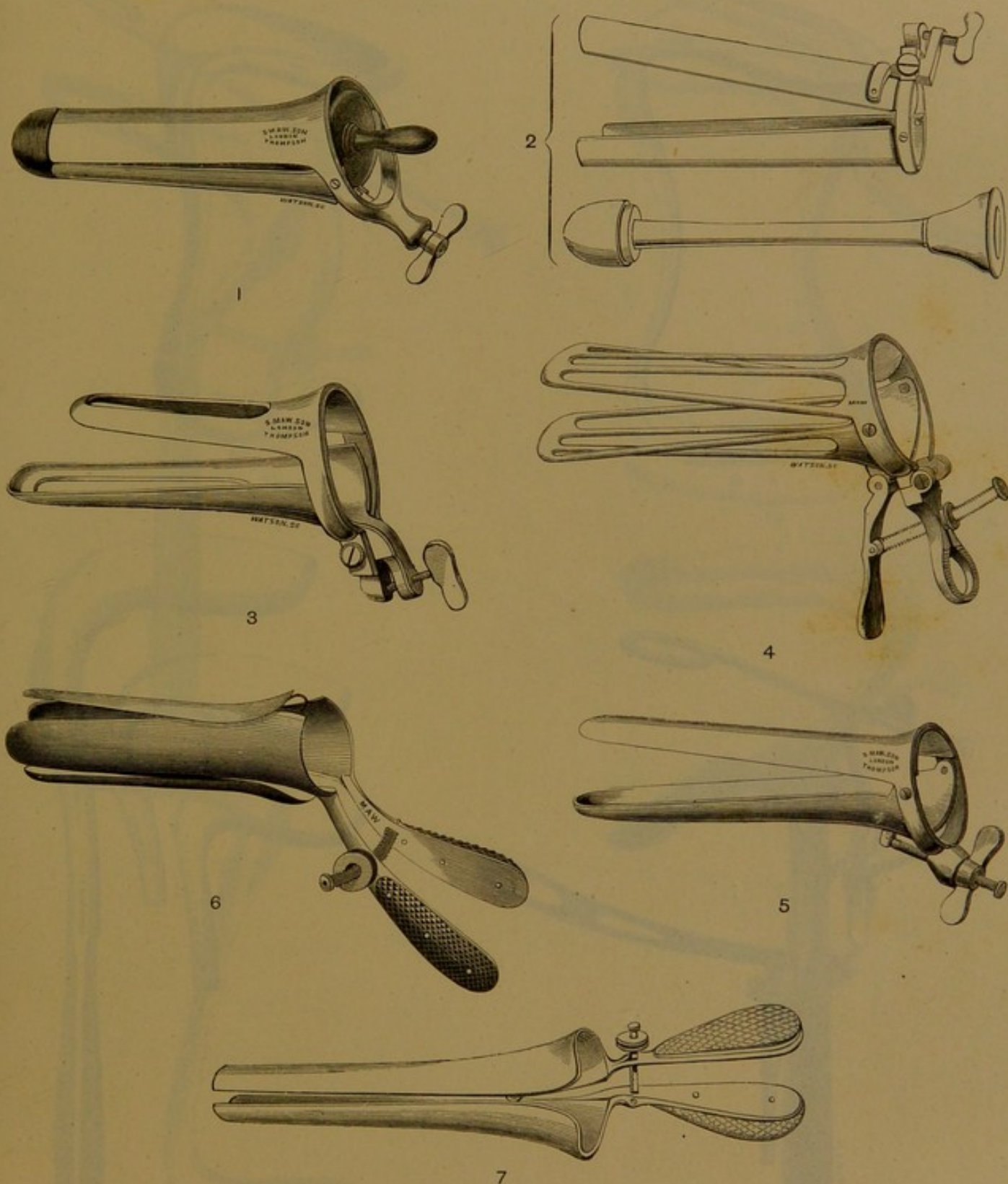
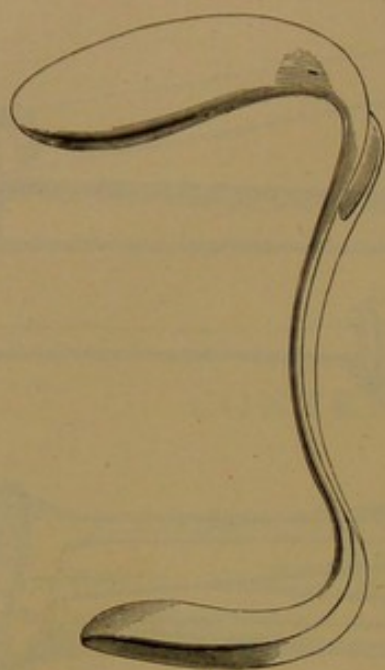


Fig. 1. BARNES'.
Fig. 2. BENNETT'S.
Fig. 3. CUSCO'S.
Fig. 4. FENESTRATED.

Fig. 5. HEWITT'S.
Fig. 6. RICORD'S, FOUR BLADES.
Fig. 7. RICORD'S, TWO BLADES.

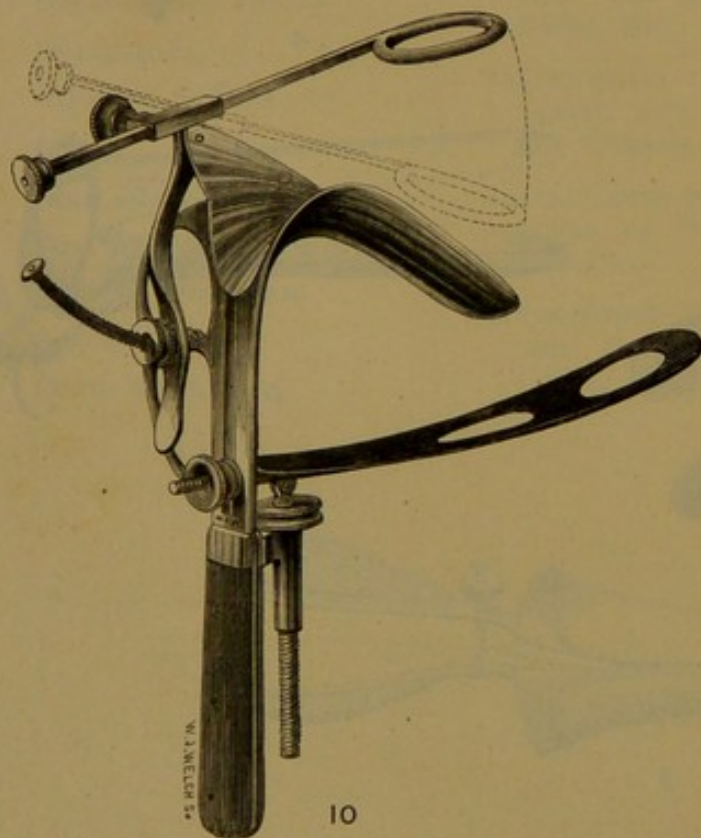
SPECULUMS FOR DIAGNOSIS (*Continued*).

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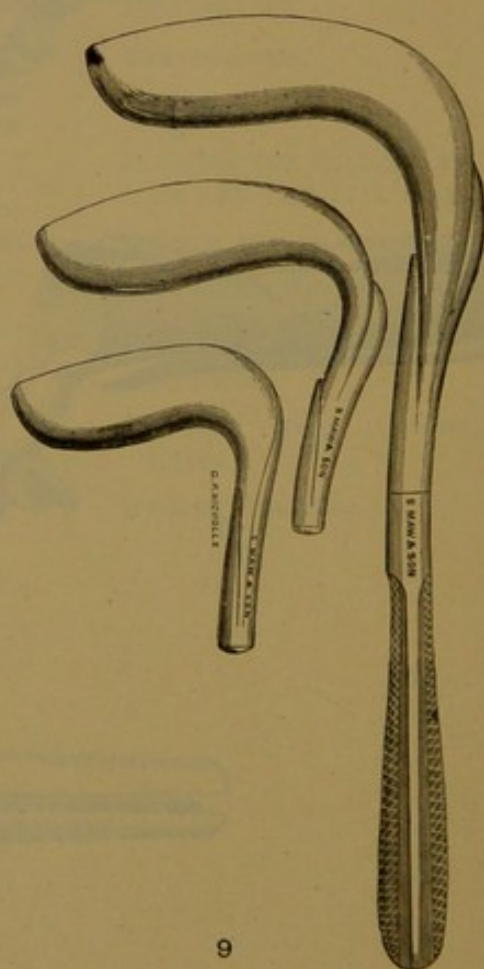


WATSON & SONS

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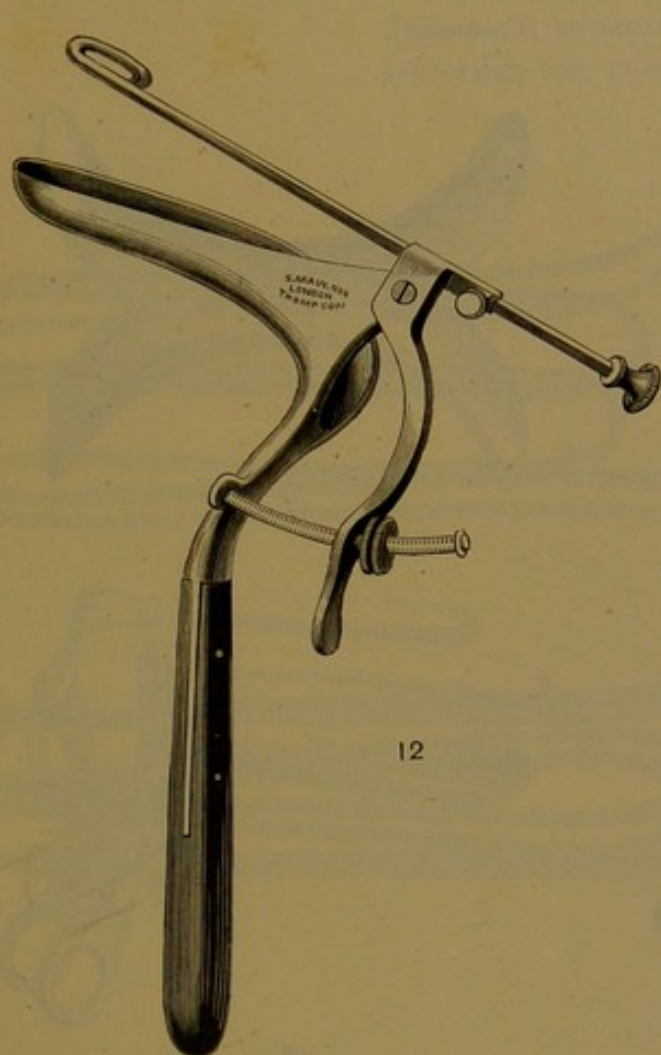
Fig. 8. SIMS'.

Fig. 9. SIMS' (Three fit one Socket-handle).

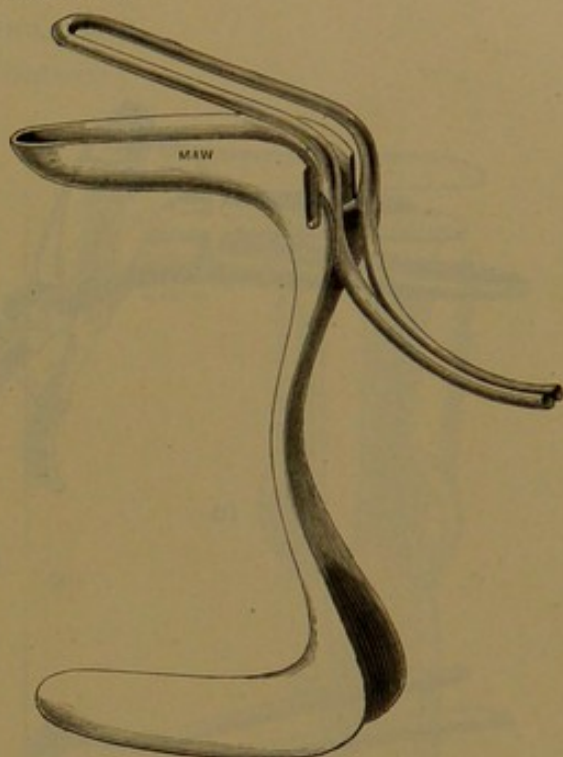
Fig. 10. SIMS', WITH THOMAS' MODIFICATION.

Fig. 11. SIMS', WITH DILATING BLADE.

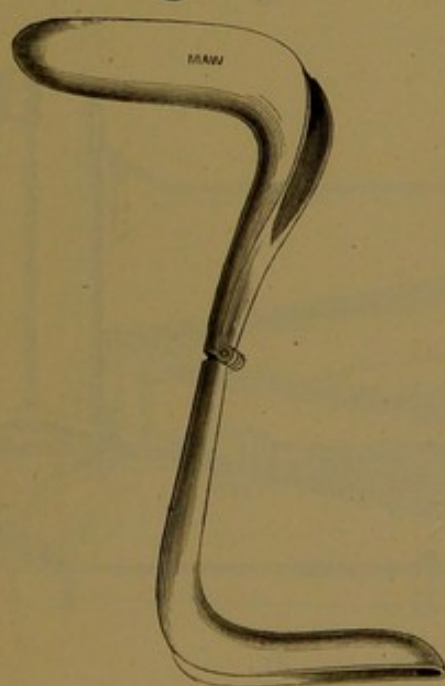
SPECULUMS FOR DIAGNOSIS (Continued).



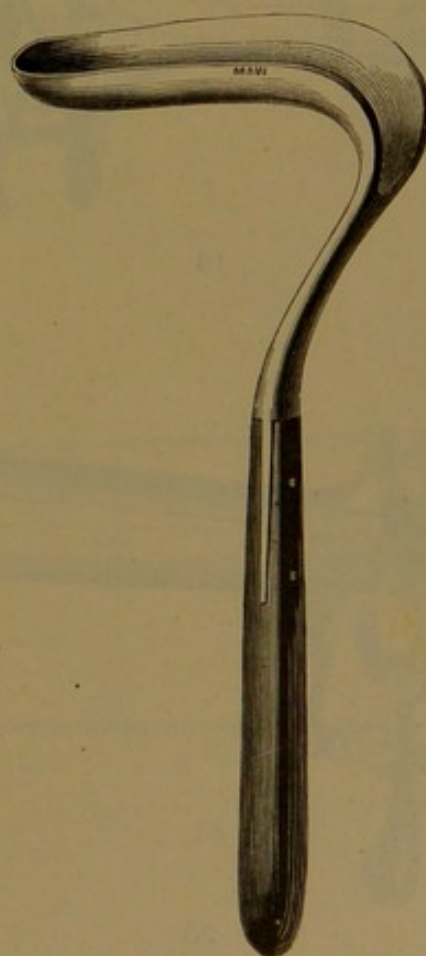
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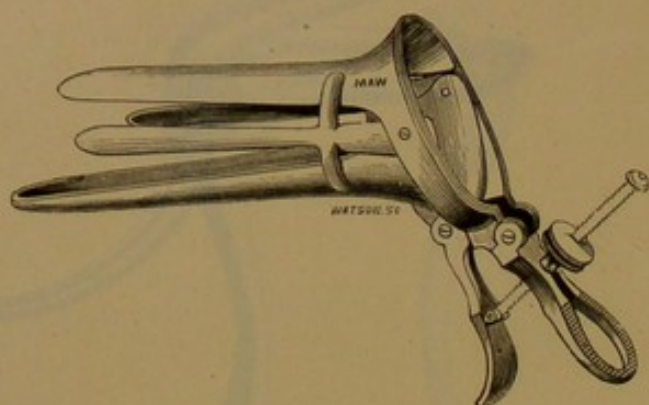
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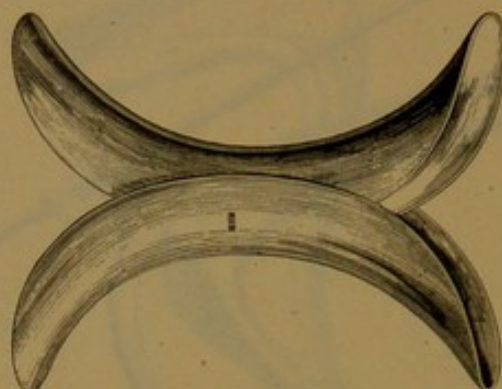
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Fig. 12. } SIMS', WITH DEPRESSORS.
Fig. 13. }

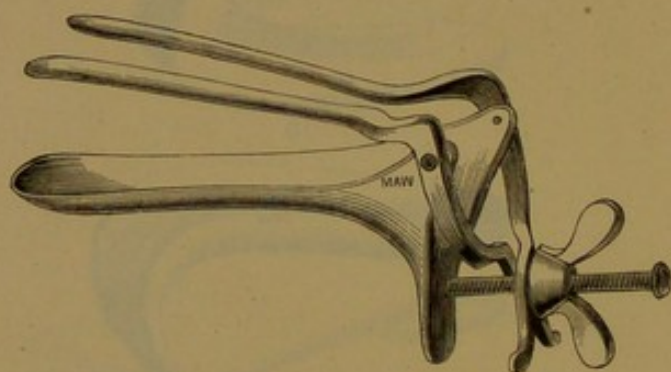
Fig. 14. SIMS', JOINTED.
Fig. 15. SIMS', WITH KRISTELLER'S MODIFICATION.

SPECULUMS FOR DIAGNOSIS (*Continued*).

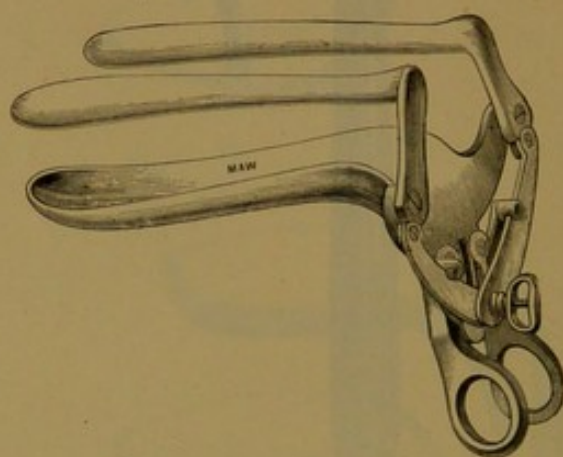
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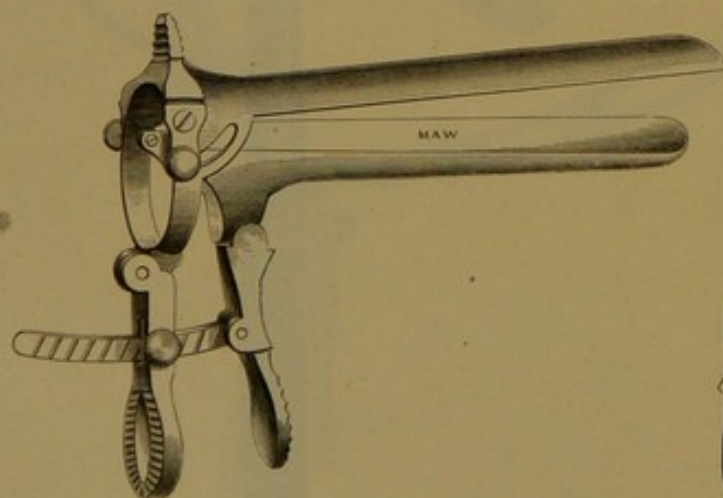
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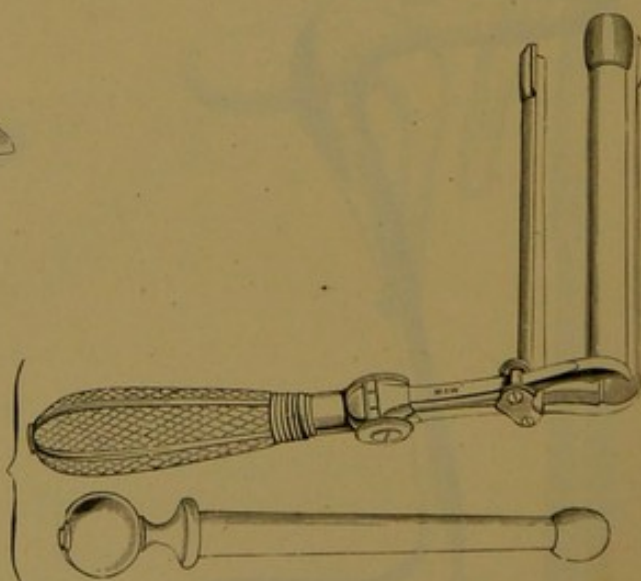
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Fig. 16. MEADOWS'.
 Fig. 17. NEUGEBAUER'S.
 Fig. 18. NOTT'S.

Fig. 19. NOTT'S IMPROVED.
 Fig. 20. SMITH'S IMPROVED.
 Fig. 21. TRIVALVE.

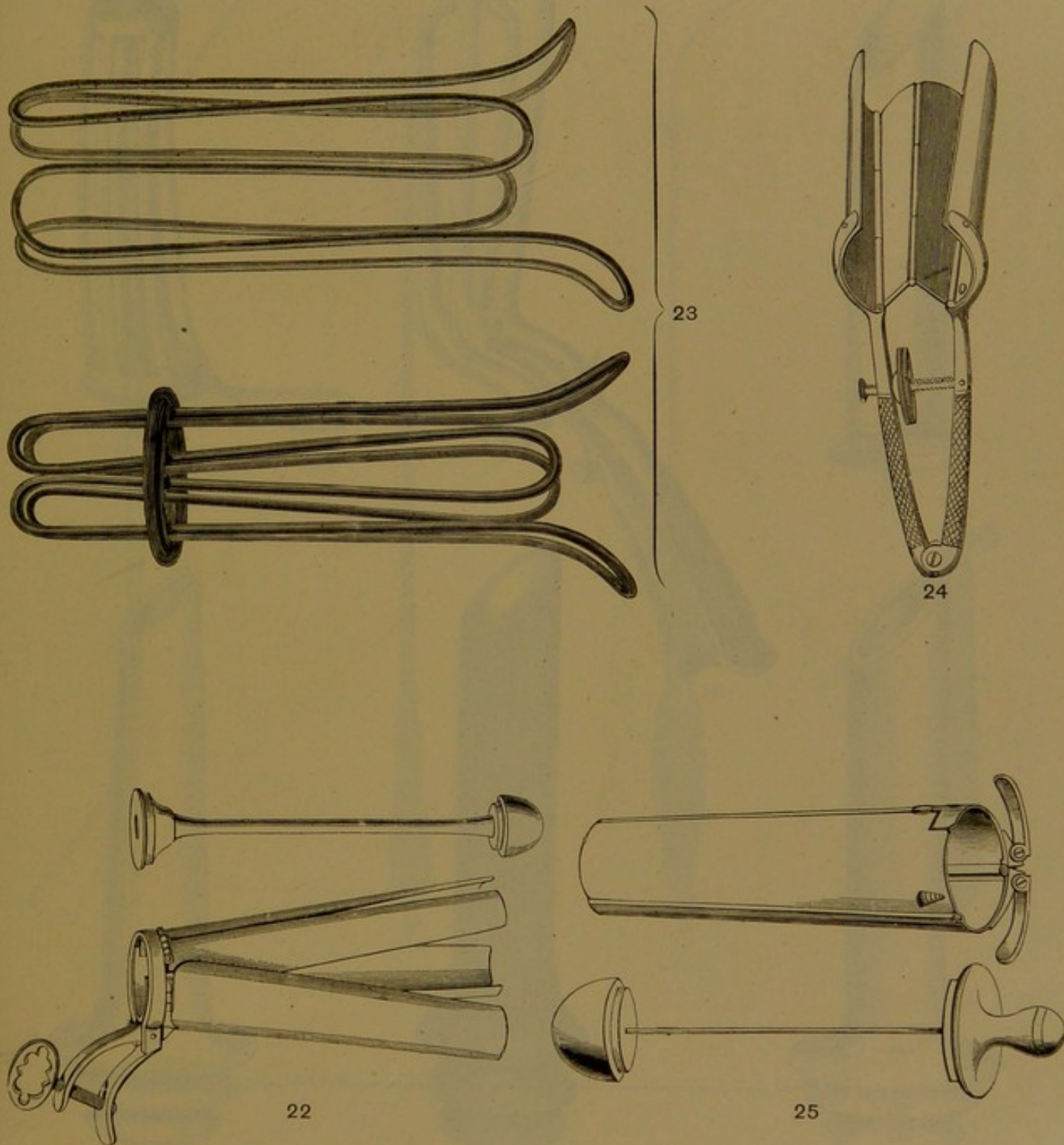
SPECULUMS FOR DIAGNOSIS (*Continued*).

Fig. 22. BENNETT'S, FOUR BLADES.

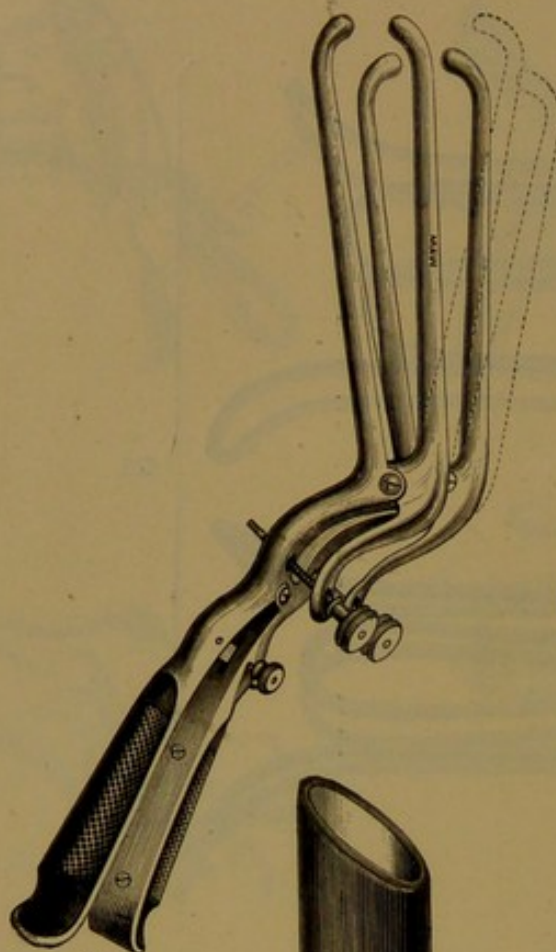
Fig. 23. BLACKBEE'S.

Fig. 24. HILLIARD'S.

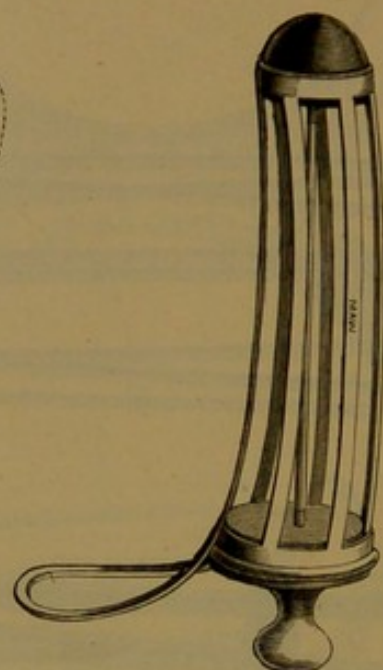
Fig. 25. SIMPSON'S.

SPECULUMS FOR DIAGNOSIS (*Continued*).

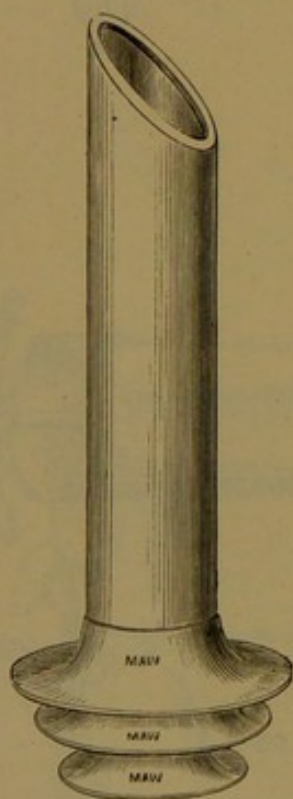
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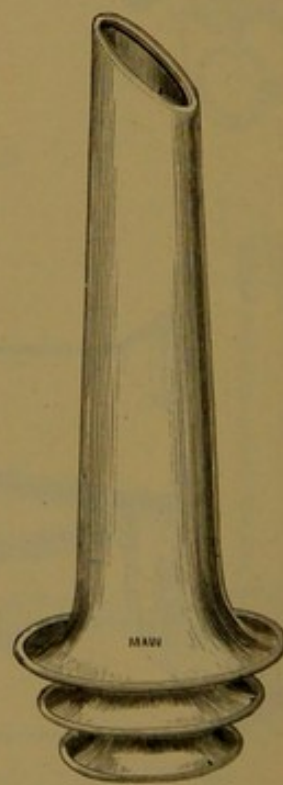
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Fig. 26. DAVIS'.
 Fig. 27. FENESTRATED.
 Fig. 28. FERGUSSON'S, GLASS.

Fig. 29. } FERGUSSON'S, METAL.
 Fig. 30. }
 Fig. 31. SCANZONI'S.

SOUNDS FOR DIAGNOSIS.

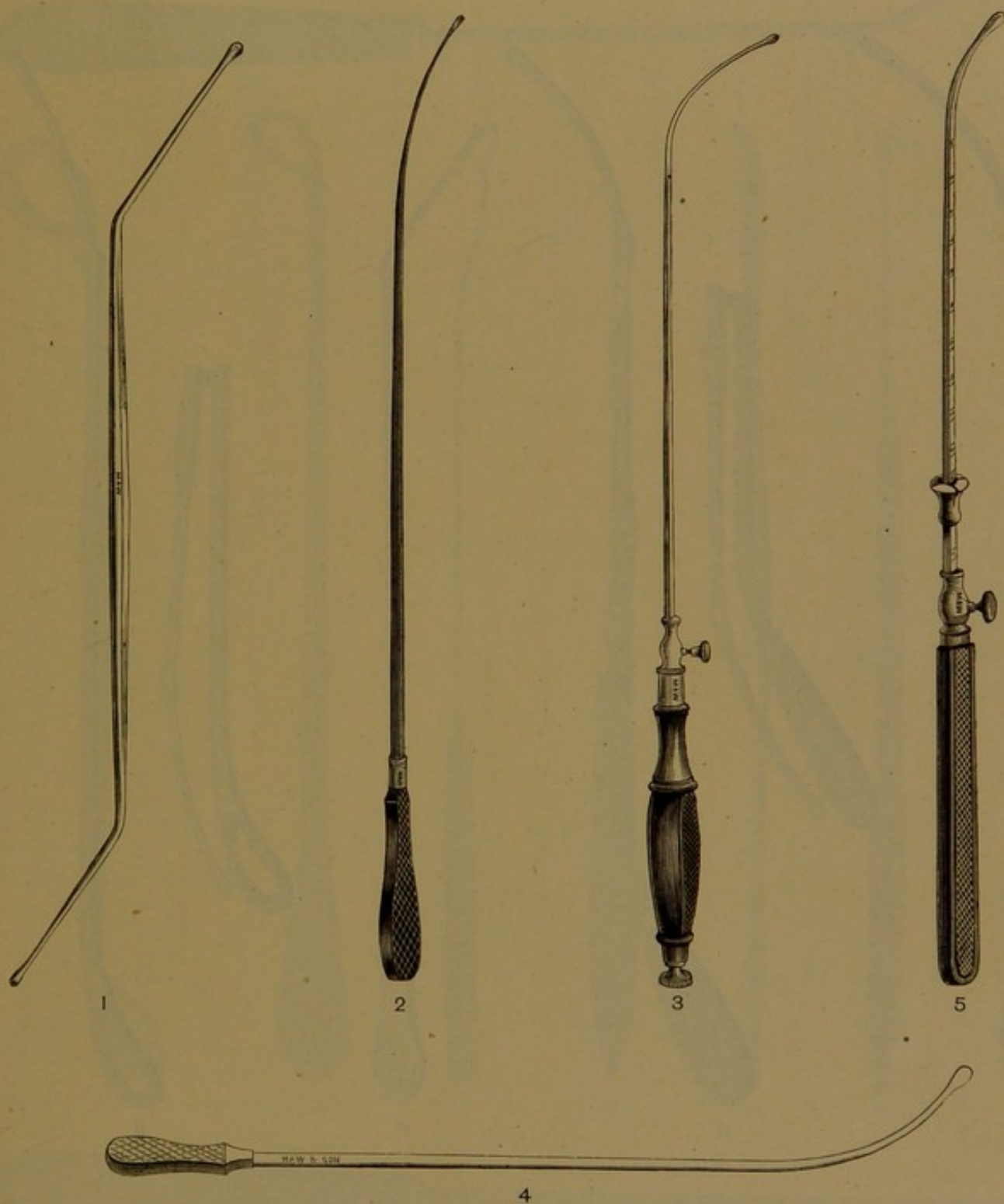


Fig. 1. ANGULAR.
Fig. 2. BARNES'.
Fig. 3. HUGUIER'S.

Fig. 4. SIMS'.
Fig. 5. VALLEIX'S.

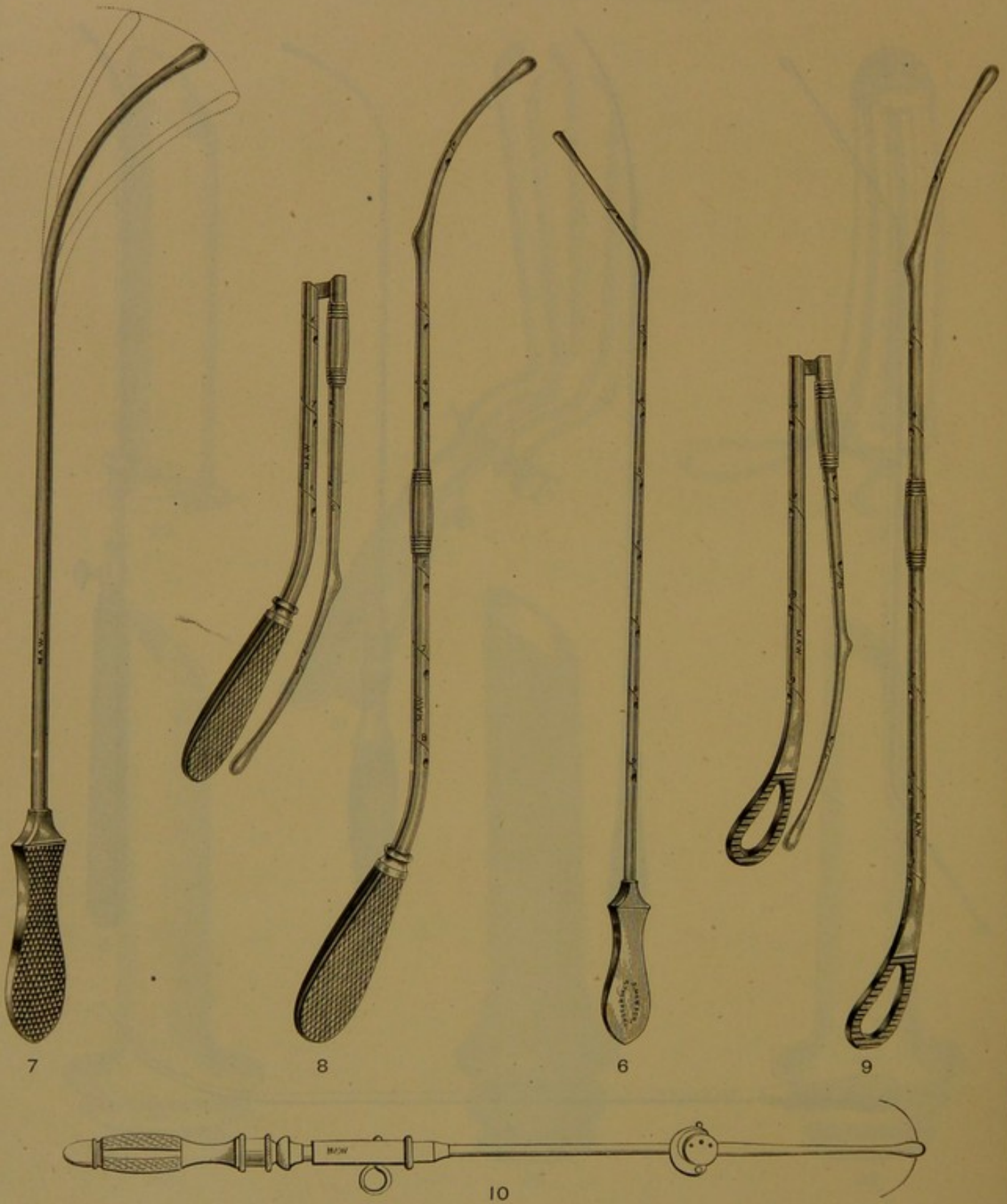
SOUNDS FOR DIAGNOSIS (*Continued*).

Fig. 6. SIMPSON'S.

Fig. 7. SIMS', WITH MALLEABLE POINT.

Fig. 8. SMITH'S (HEYWOOD) FOLDING.

Fig. 9. SMITH'S (HEYWOOD) FOLDING,
WITH CURETTE.

Fig. 10. UTERUS REPOSITOR, SIMS'.

FOR DIAGNOSIS, ETC.

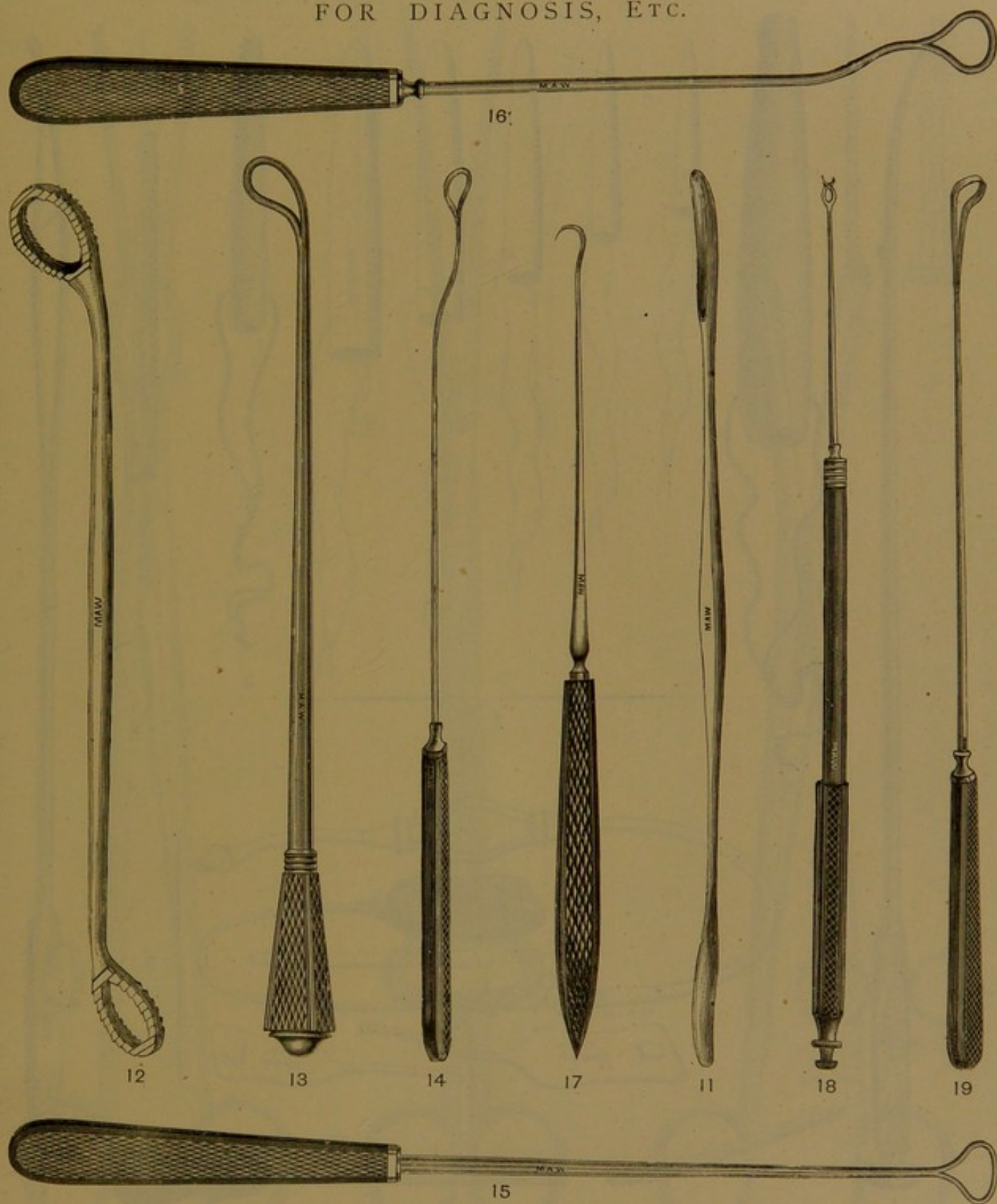


Fig. 11. CURETTE, RÉCAMIER'S.
Fig. 12. CURETTE.
Fig. 13. CURETTE, THOMAS'.
Fig. 14. } DEPRESSORS.
Fig. 15. }

Fig. 16. DEPRESSOR, THOMAS'.
Fig. 17. FINE HOOK, FOR FIXING THE UTERUS.
Fig. 18. SCREW HOOK, FOR THE REMOVAL OF A
TAMPON.
Fig. 19. UTERUS SCRAPER.

FOR DILATING THE OS AND CERVIX UTERI.

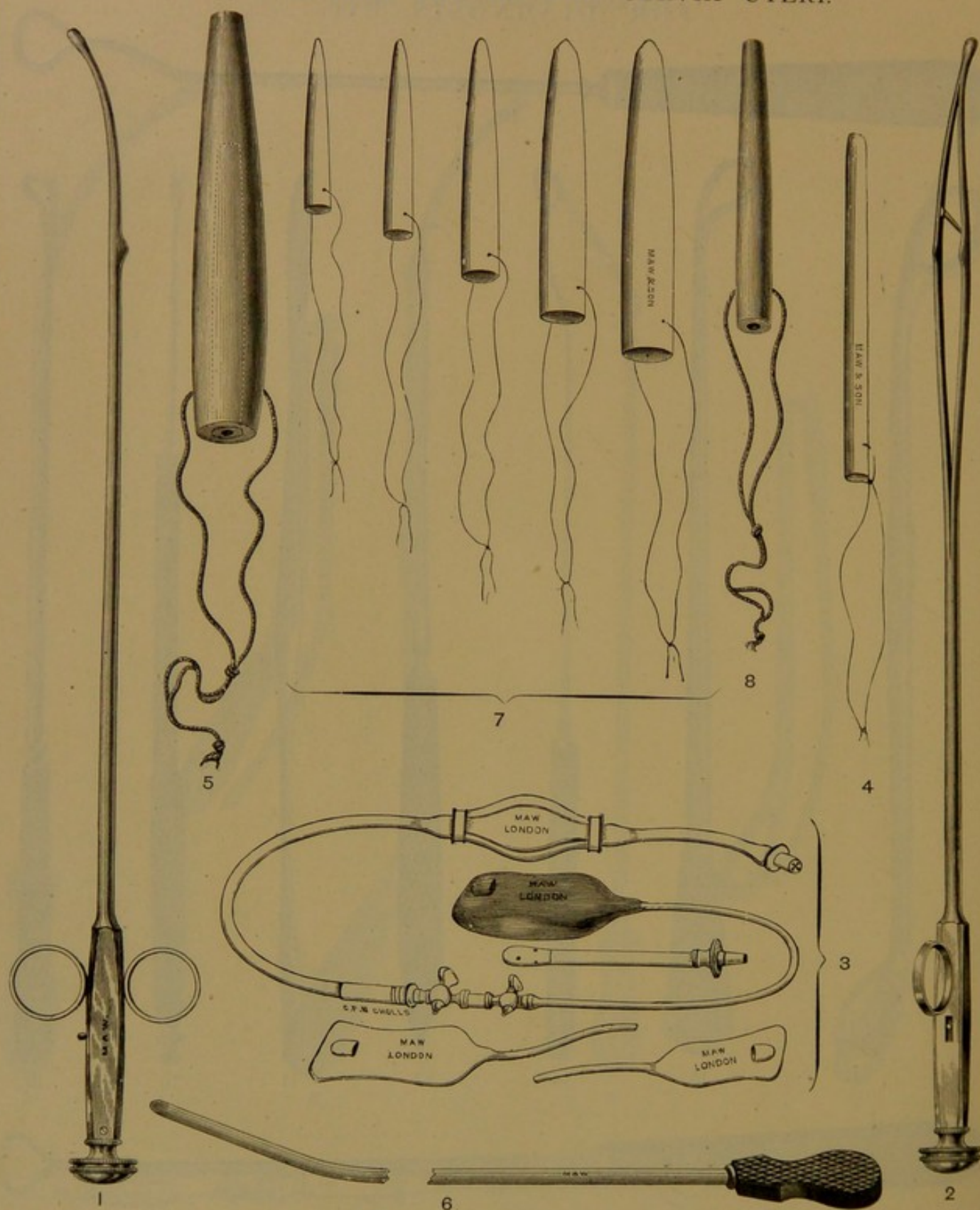


Fig. 1. DILATOR, GREENHALGH'S.
 Fig. 2. DILATOR, PRIESTLEY'S.
 Fig. 3. HYDROSTATIC BAGS, WITH TUBE FOR
 PERCHLORIDE OF IRON, BARNES'.
 Fig. 4. SEA TANGLE TENT.

Fig. 5. SEA TANGLE AND SPONGE TENT,
 WILTSHIRE'S.
 Fig. 6. SOUND, HEYWOOD SMITH'S.
 Fig. 7. SPONGE TENTS.
 Fig. 8. TUPELO TENT.

FOR DILATING THE OS AND CERVIX UTERI (*Continued*).

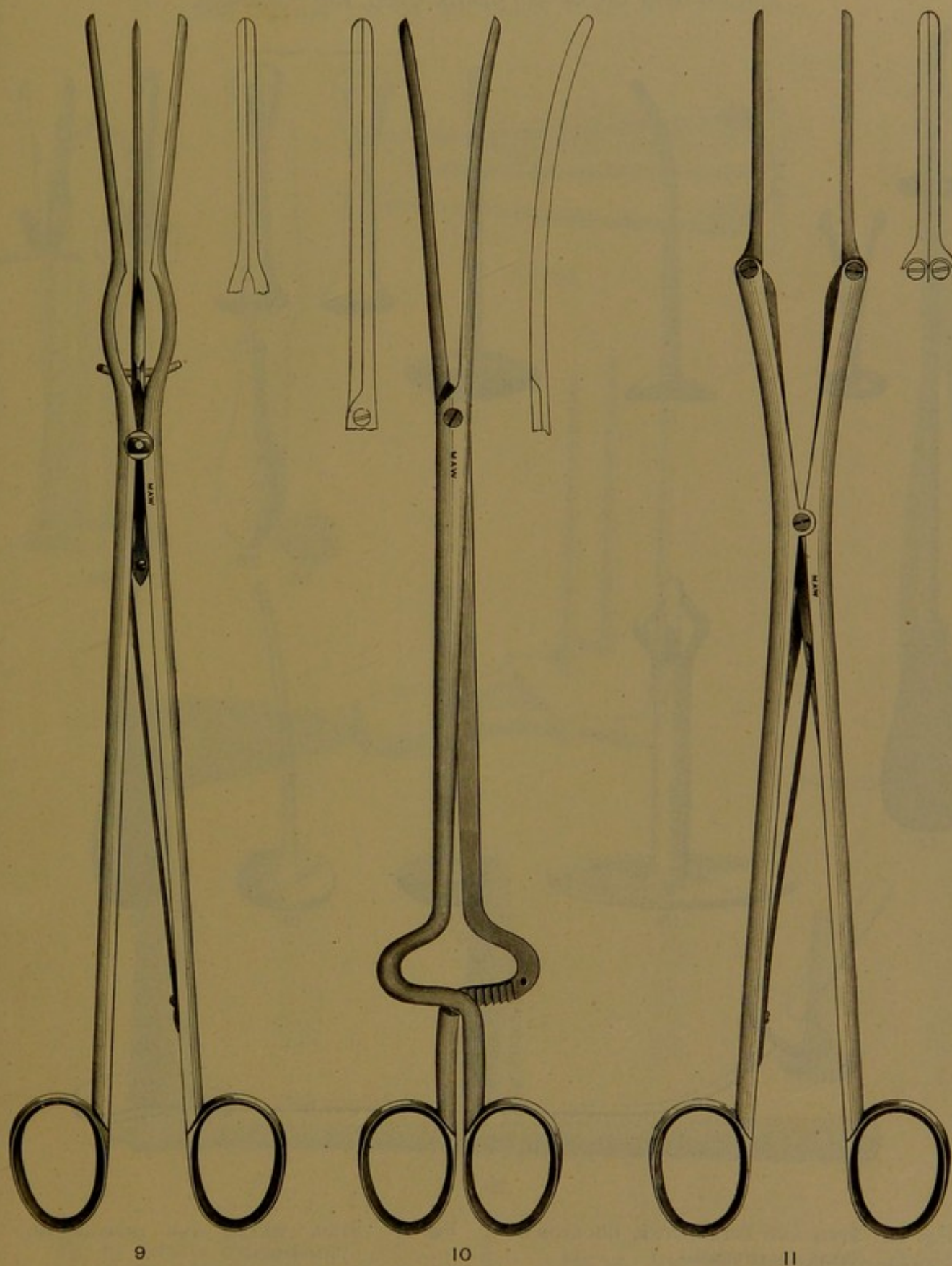


Fig. 9. FORCEPS, BUCH'S, MODIFIED BY HUGUIER. || Fig. 10. FORCEPS, WITH RACK FASTENING.
Fig. 11. FORCEPS, PARALLEL BLADES.

FOR DILATING THE OS AND CERVIX UTERI, ETC. (*Continued*).

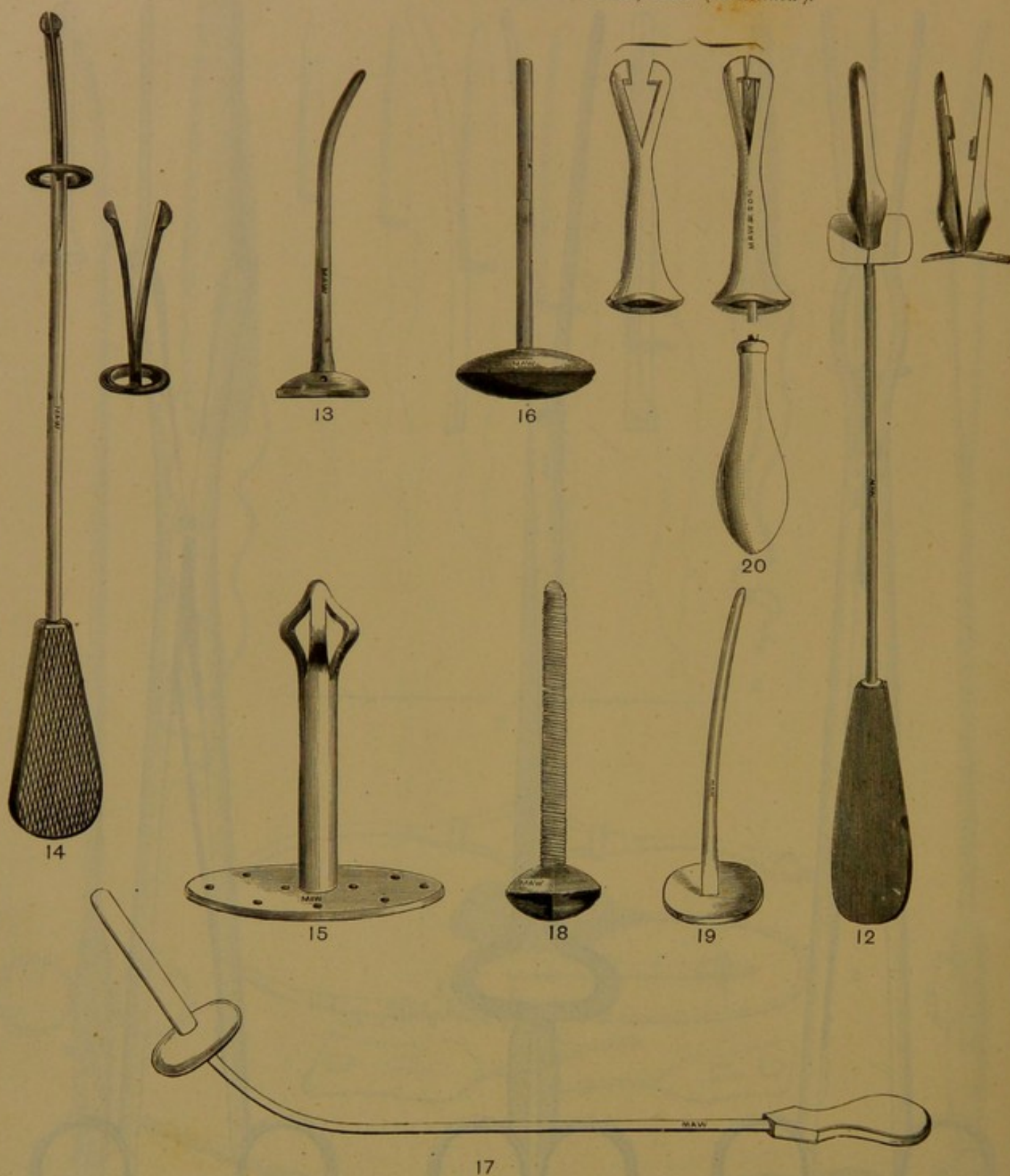


Fig. 12. STEM AND INTRODUCER, BOULTON'S.
 Fig. 13. STEM, CHAMBER'S.
 Fig. 14. STEM AND INTRODUCER, CHAMBER'S.
 Fig. 15. STEM, GREENHALGH'S.
 Fig. 16. STEM, GALVANIC, SIMPSON'S.

Fig. 17. STEM, METAL, AND INTRODUCER, SIMPSON'S.
 Fig. 18. STEM, SPIRAL, SIMPSON'S.
 Fig. 19. STEM, DISC OF SOFT RUBBER.
 Fig. 20. STEM, VULCANITE, AND INTRODUCER.

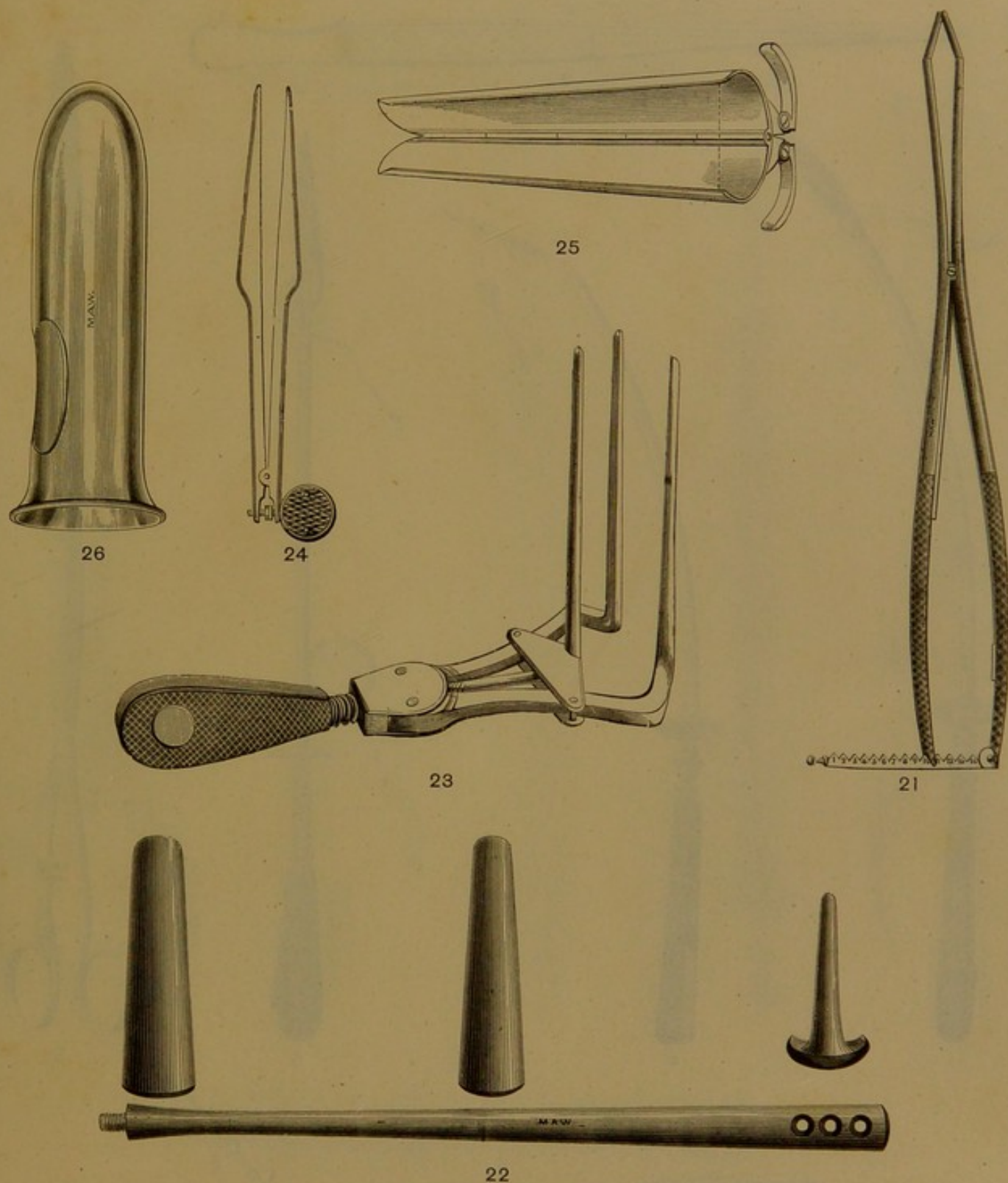
FOR DILATING THE OS AND CERVIX UTERI, ETC. (*Continued*).

Fig. 21. CERVIX DILATOR.

Fig. 22. OS AND CERVIX DILATORS,
MOLESWORTH'S.

Fig. 23. URETHRA DILATOR.

Fig. 24. URETHRA DILATOR, SIMPSON'S.

Fig. 25. VAGINA DILATOR.

Fig. 26. VAGINA DILATOR, SIMS'.

TENT CARRIERS.



Fig. 1. BARNES'.

Fig. 2. FORCEPS, SPRING CATCH.

Fig. 3. FORCEPS, RACK FASTENING.

Fig. 4. GODSON'S.

Fig. 5. MAW'S.

Fig. 6. MAW'S, STEEL PROBE.

METROTOMES FOR INCISING THE CERVIX UTERI.

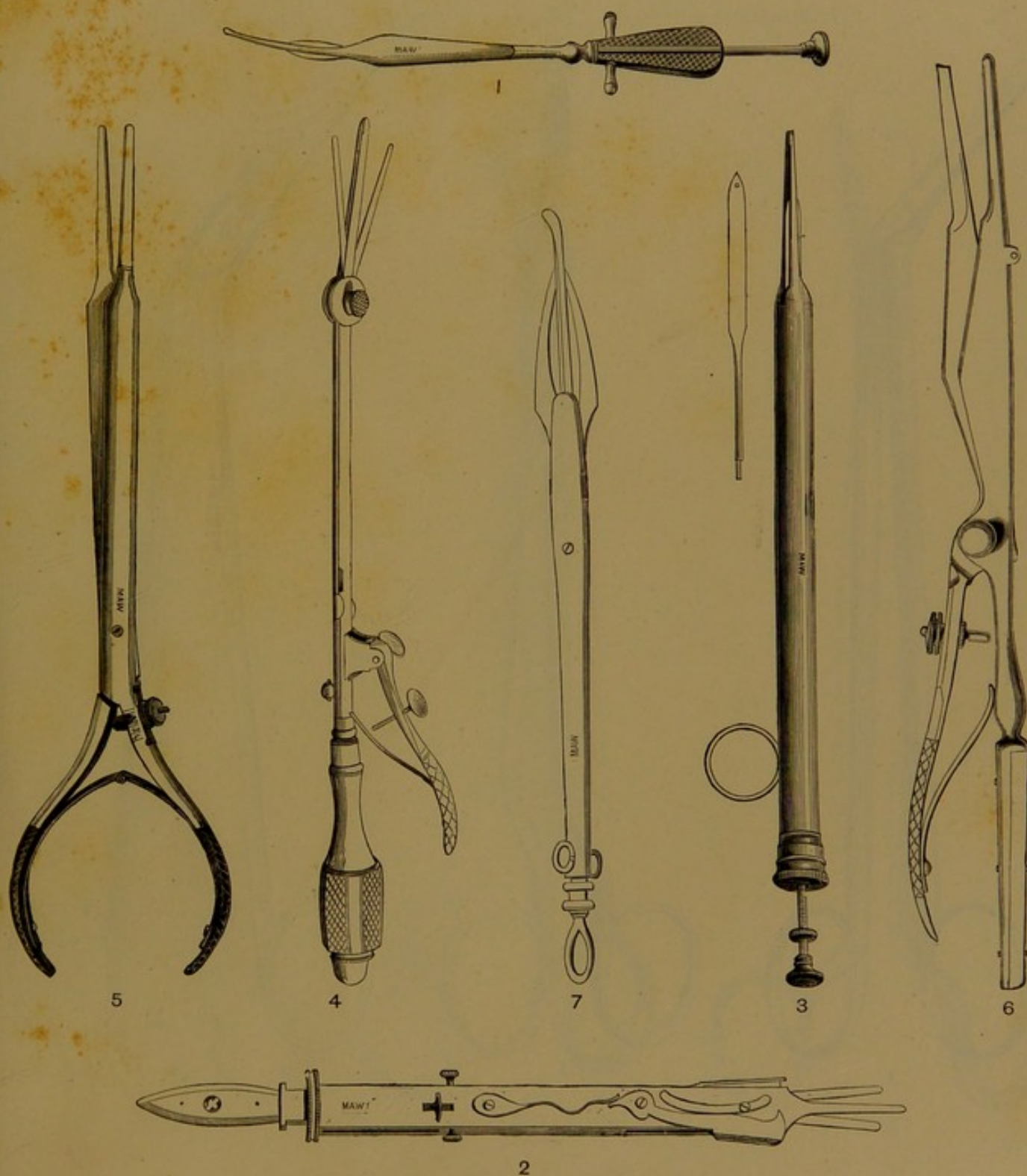


Fig. 1. COGHLAN'S.
 Fig. 2. GREENHALGH'S.
 Fig. 3. PEASLEE'S.
 Fig. 4. ROUTH'S.

Fig. 5. SAVAGE'S.
 Fig. 6. SIMPSON'S.
 Fig. 7. SIMS'.

SCISSORS FOR INCISING THE OS AND CERVIX UTERI.

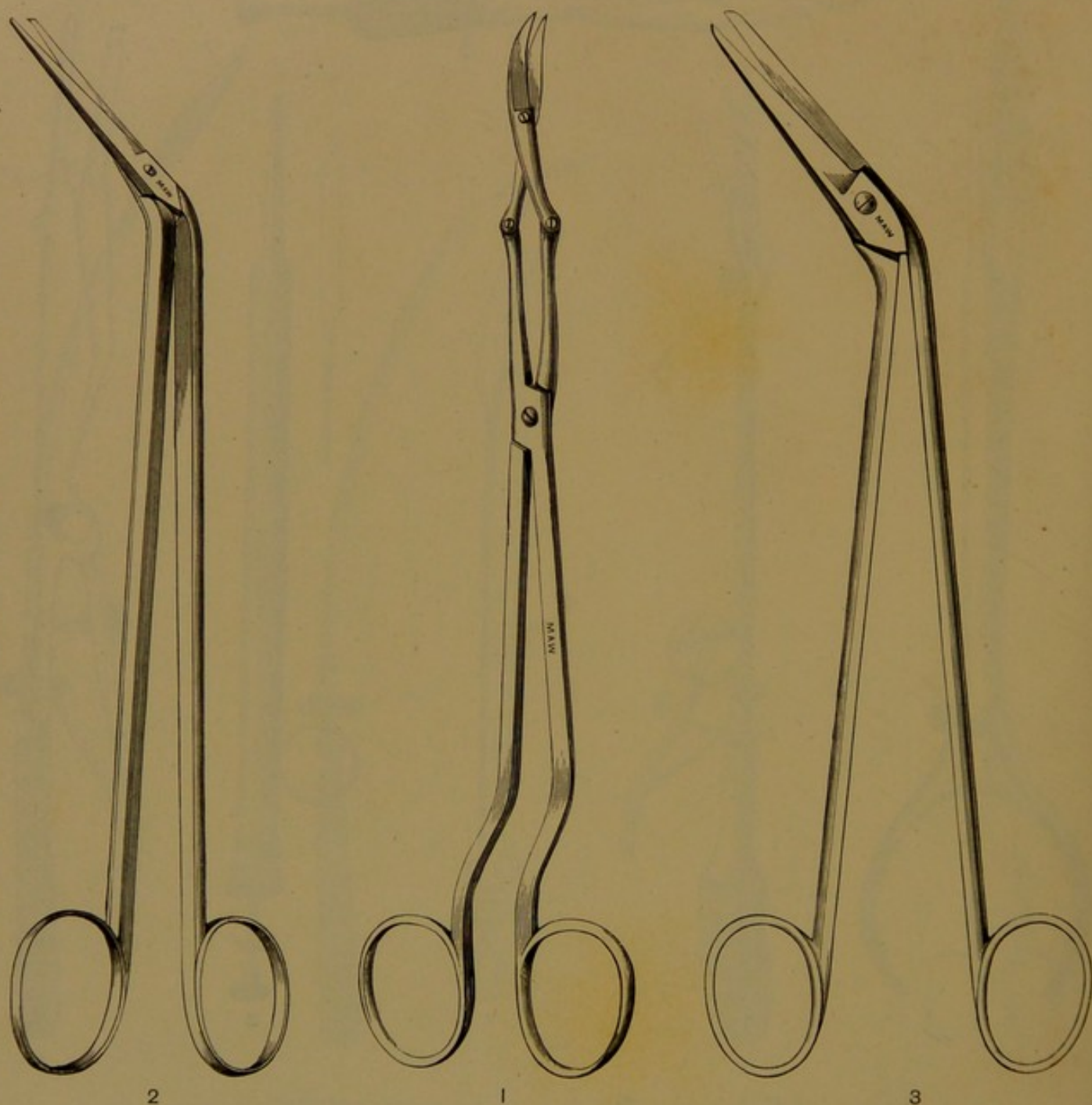


Fig. 1. CURVED BLADES AND IMPROVED MOVEMENT.

Fig. 2. SIMS', CURVED ON THE FLAT.

Fig. 3. SIMS', ELBOW CURVED.

SCISSORS FOR INCISING THE OS AND CERVIX UTERI (*Continued*).

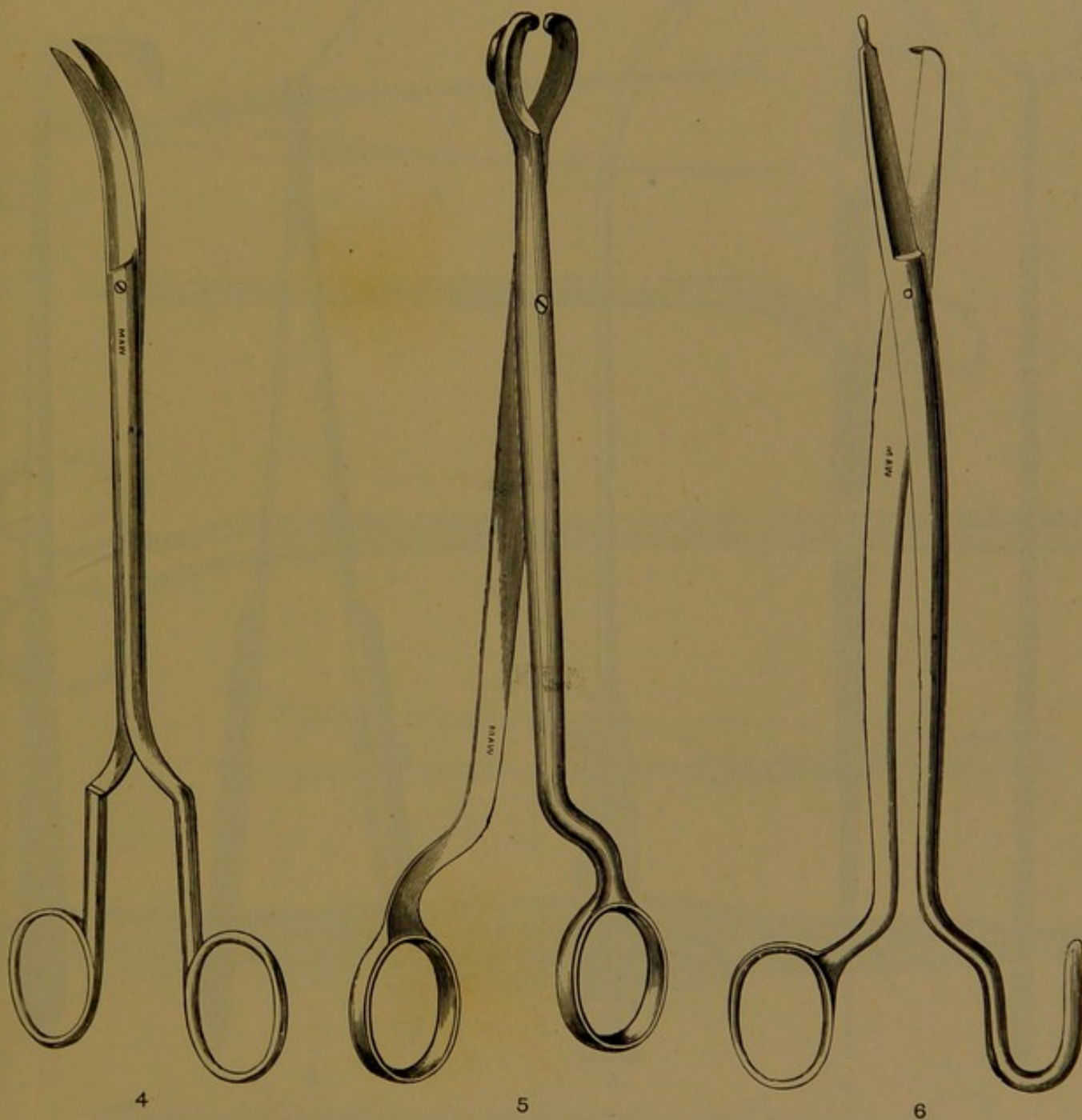


Fig. 4. CONCAVE BLADES.

Fig. 5. GRISTOCK'S.

Fig. 6. KÜCHENMEISTER'S.

FOR PUNCTURING AND SCARIFYING THE UTERUS.

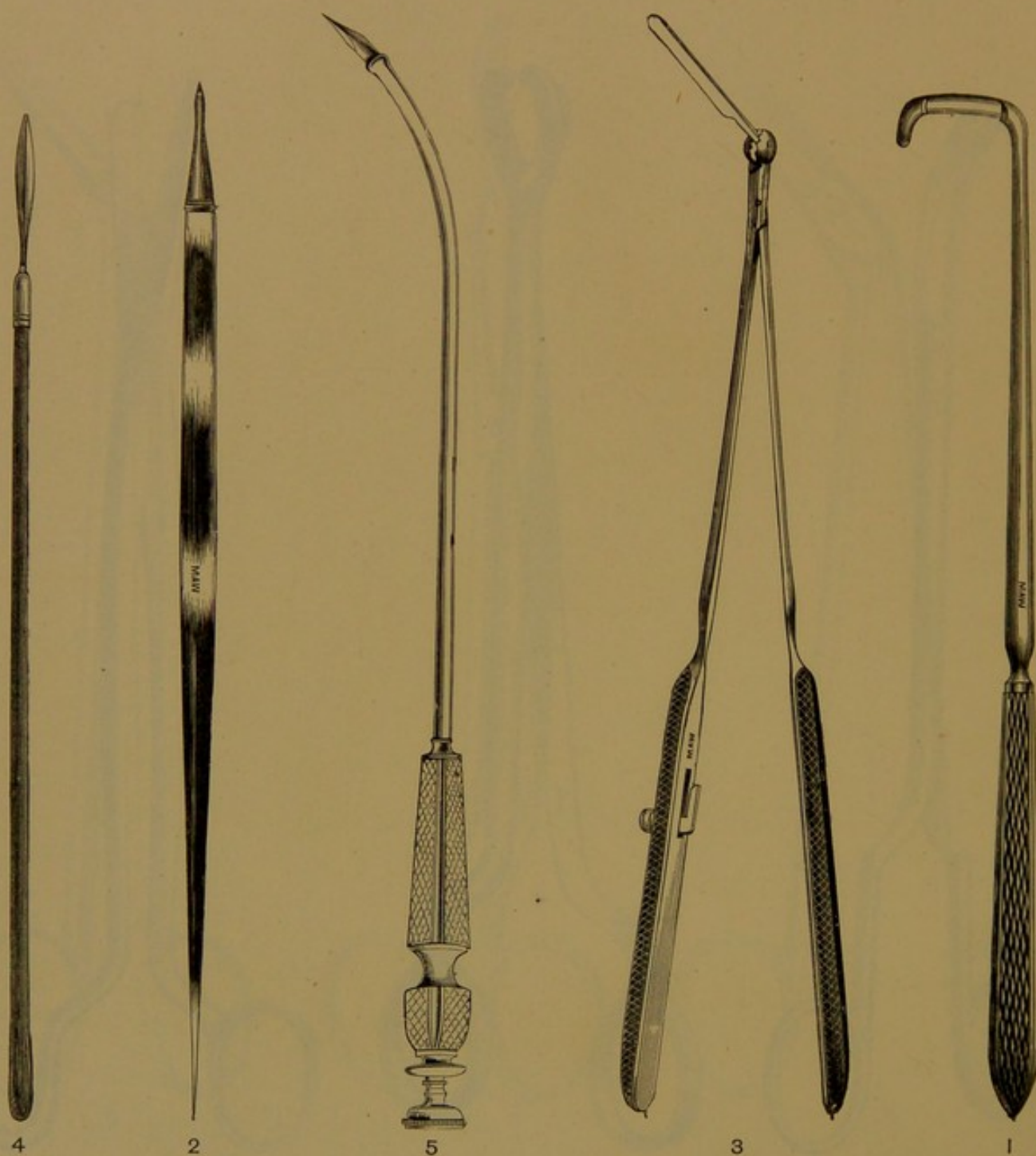


Fig. 1. POLYPTOME, SIMPSON'S.
 Fig. 2. QUILL FOR INDUCING PREMATURE
 LABOUR.
 Fig. 3. SCARIFYING KNIFE.

Fig. 4. SCARIFYING LANCET, PALFREY'S.
 Fig. 5. TROCAR FOR INDUCING PREMATURE
 LABOUR, LEE'S.

FOR THE APPLICATION OF SOLUTIONS TO THE UTERUS, ETC.

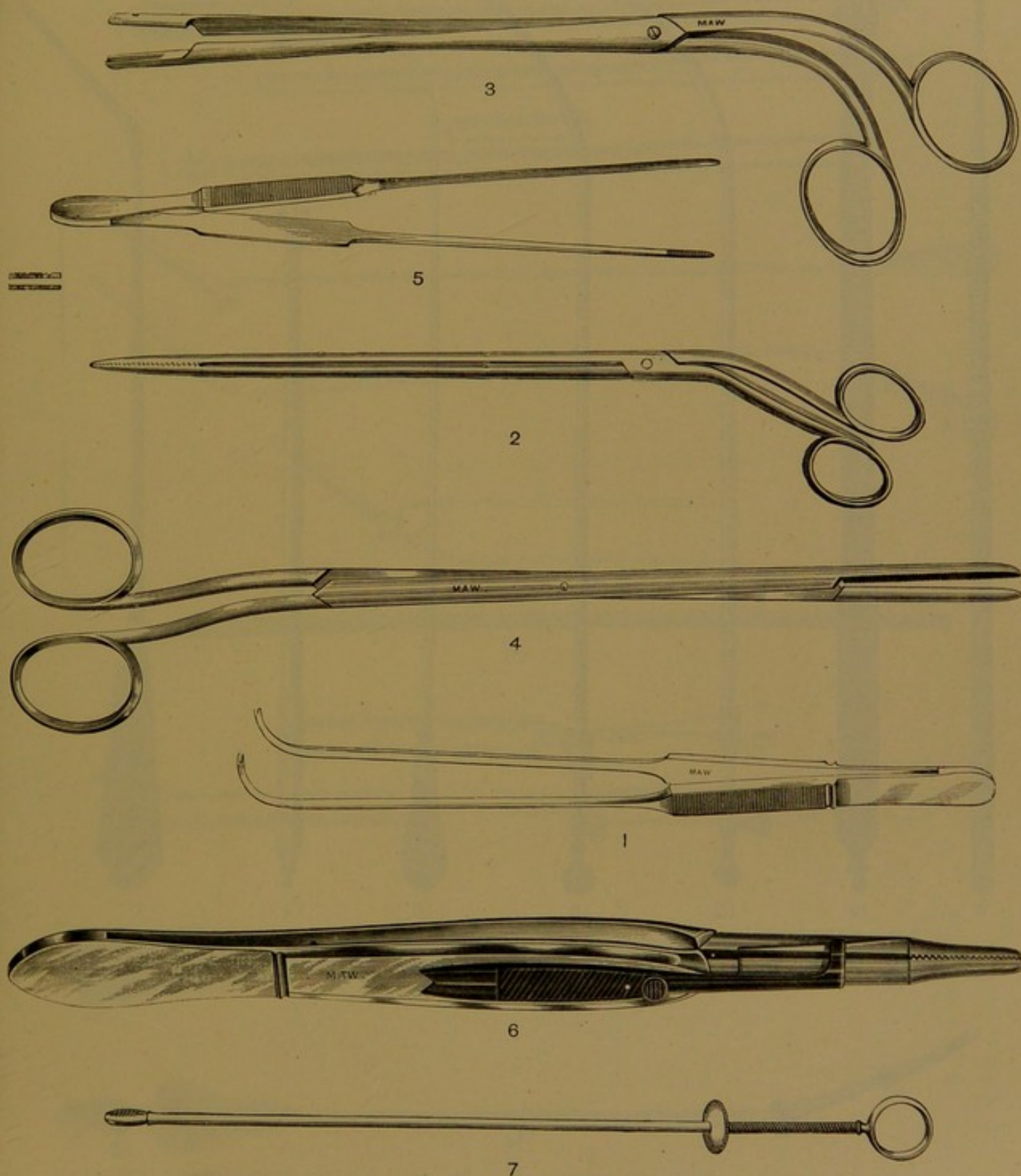


Fig. 1. FORCEPS FOR WOOL OR SPONGE.
 Fig. 2. FORCEPS, HANDLE BENT TO USE WITH SPECULUM.
 Fig. 3. FORCEPS, SAVAGE'S.

Fig. 4. FORCEPS, WITH CONCAVE BLADES.
 Fig. 5. FORCEPS, STRAIGHT, SERRATED ENDS.
 Fig. 6. FORCEPS, WITH SLIDE.
 Fig. 7. FORCEPS, WITH SPRING HANDLE.

FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, ETC., TO THE UTERUS.

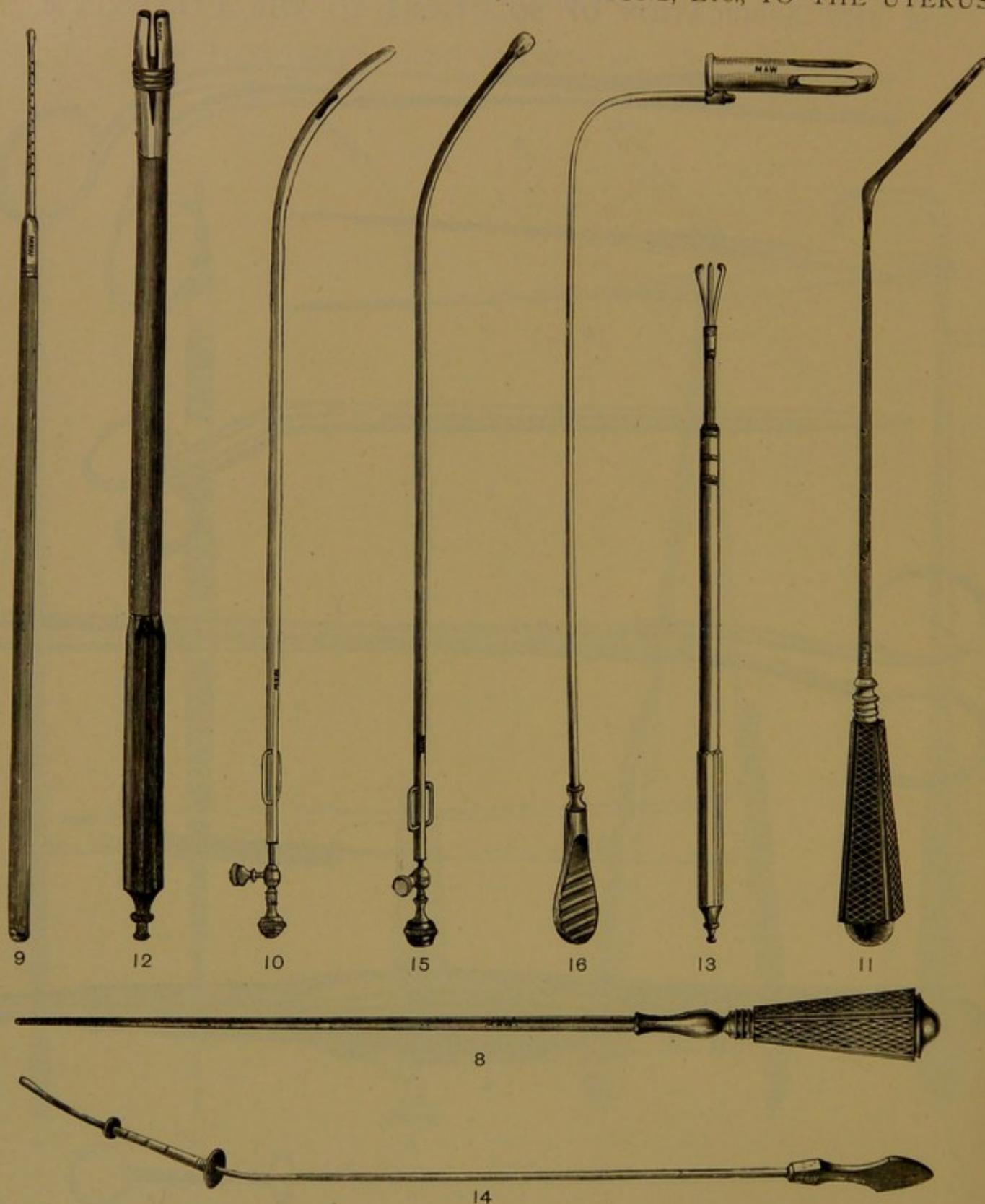


Fig. 8. NITRATE OF SILVER CAUTERY, BARNES'.

Fig. 9. NITRATE OF SILVER OR OINTMENT PROBE, PLAYFAIR'S.

Fig. 10. OINTMENT POSITOR, BARNES'.

Fig. 11. PORTE-CAUSTIQUE, CHIARI'S.

Fig. 12. POTASSA FUSA HOLDER, PALFREY'S.

Fig. 13. } SPONGE AND WOOL-HOLDERS.

Fig. 14. }

Fig. 15. TUBE FOR SULPHATE OF ZINC POINTS, BARNES'.

Fig. 16. TUBE FOR CAUSTIC, PEASLEE'S.

FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, ETC., TO THE UTERUS (*Continued*).

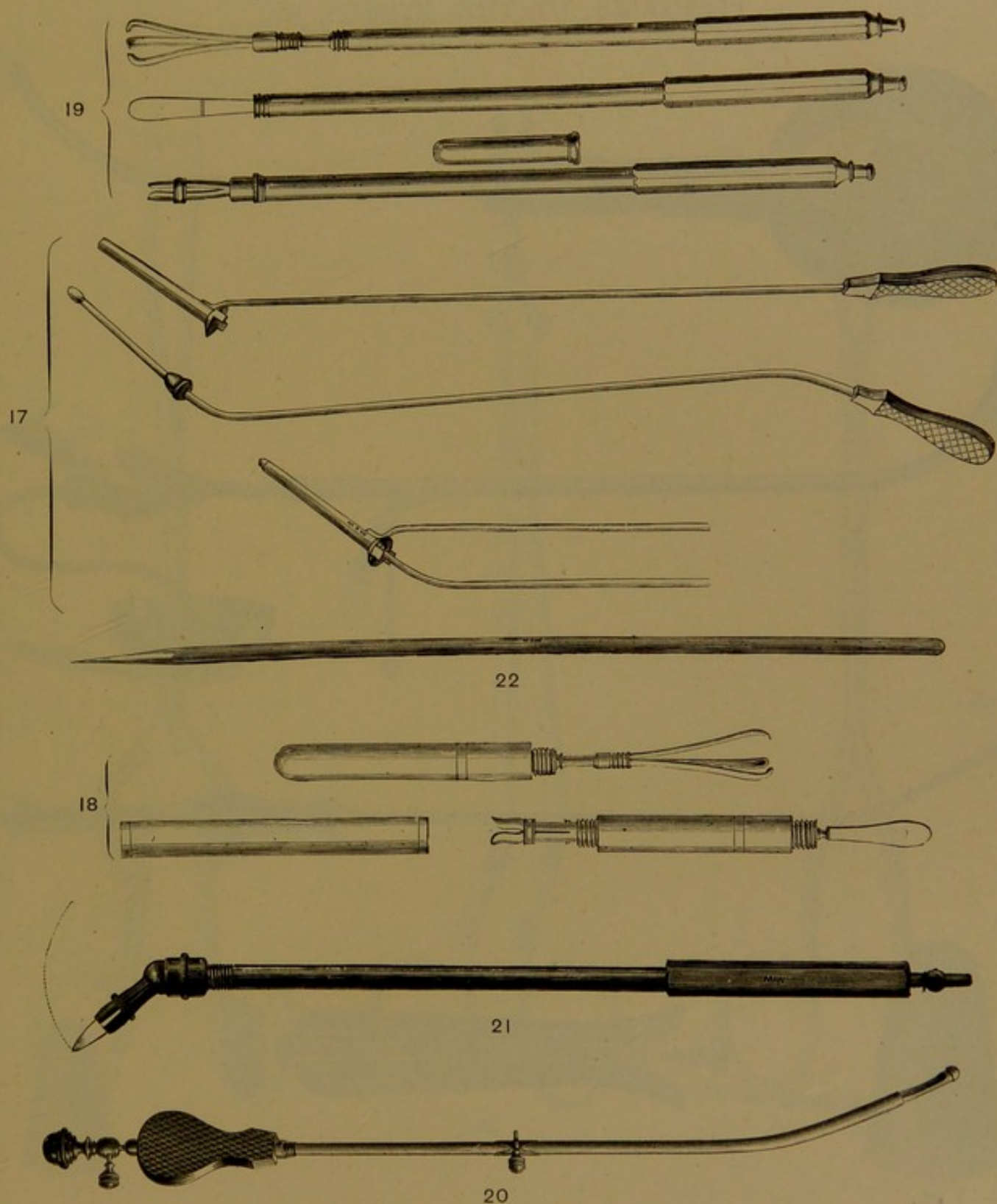


Fig. 17. CANULA, FOR NITRIC ACID, LOOME ATTHILL'S.

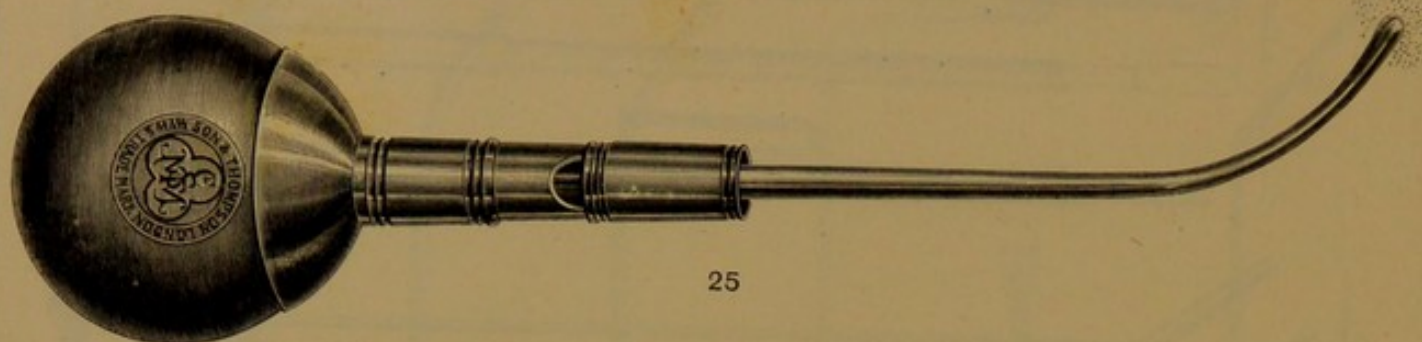
Fig. 18. } CAUSTIC, SPONGE-HOLDERS, AND
Fig. 19. } LANCETS, BENNETT'S.

Fig. 20. CAUSTIC CATHETER, FLEXIBLE.

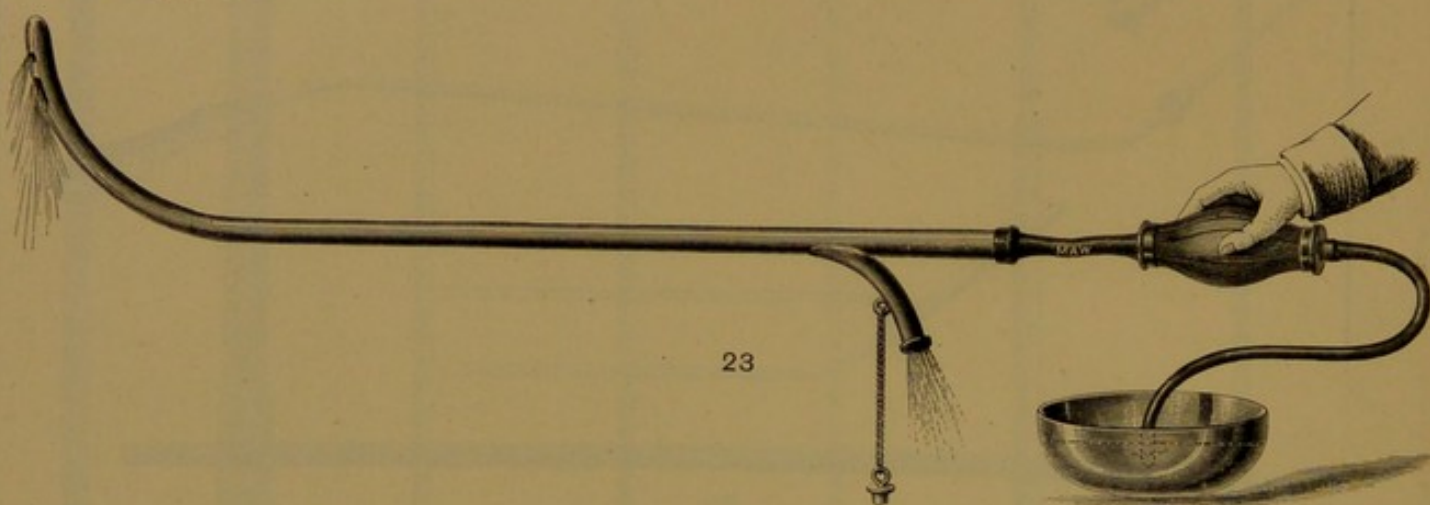
Fig. 21. CAUSTIC-HOLDER, VULCANITE.

Fig. 22. GLASS ROD, FOR NITRIC ACID.

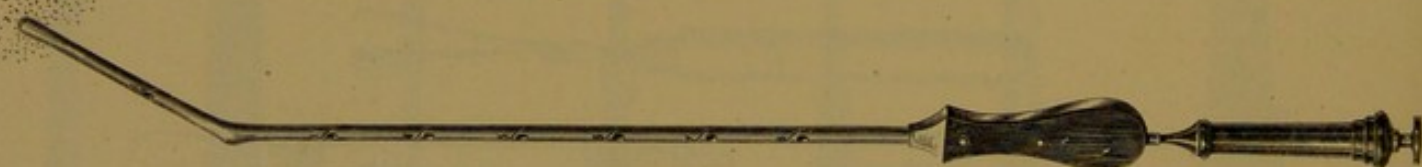
FOR THE APPLICATION OF CAUSTIC, SOLUTIONS, POWDERS, AND
PESSARIES TO THE UTERUS, ETC.



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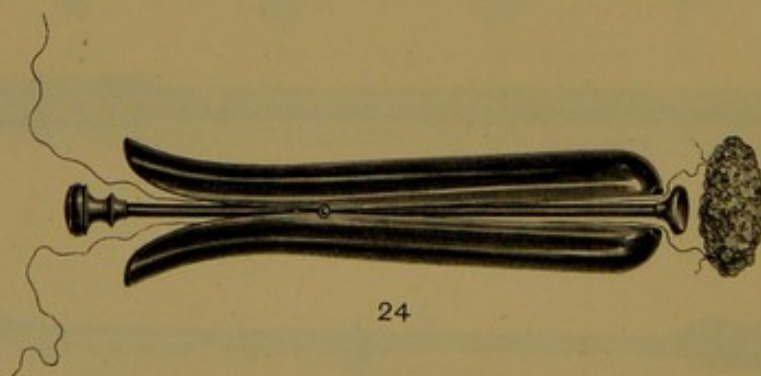
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Fig. 23. CATHETER, DOUBLE CHANNEL.
Fig. 24. INSTRUMENT TO FACILITATE THE
APPLICATION OF MEDICATED WOOL
TO THE VAGINA, BARNES'.

Fig. 25. INSUFFLATER, CLAY'S.
Fig. 26. } PESSARIES, MEDICATED.
Fig. 27. }
Fig. 28. SYRINGE AND SOUND, POTTER'S.

FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC.

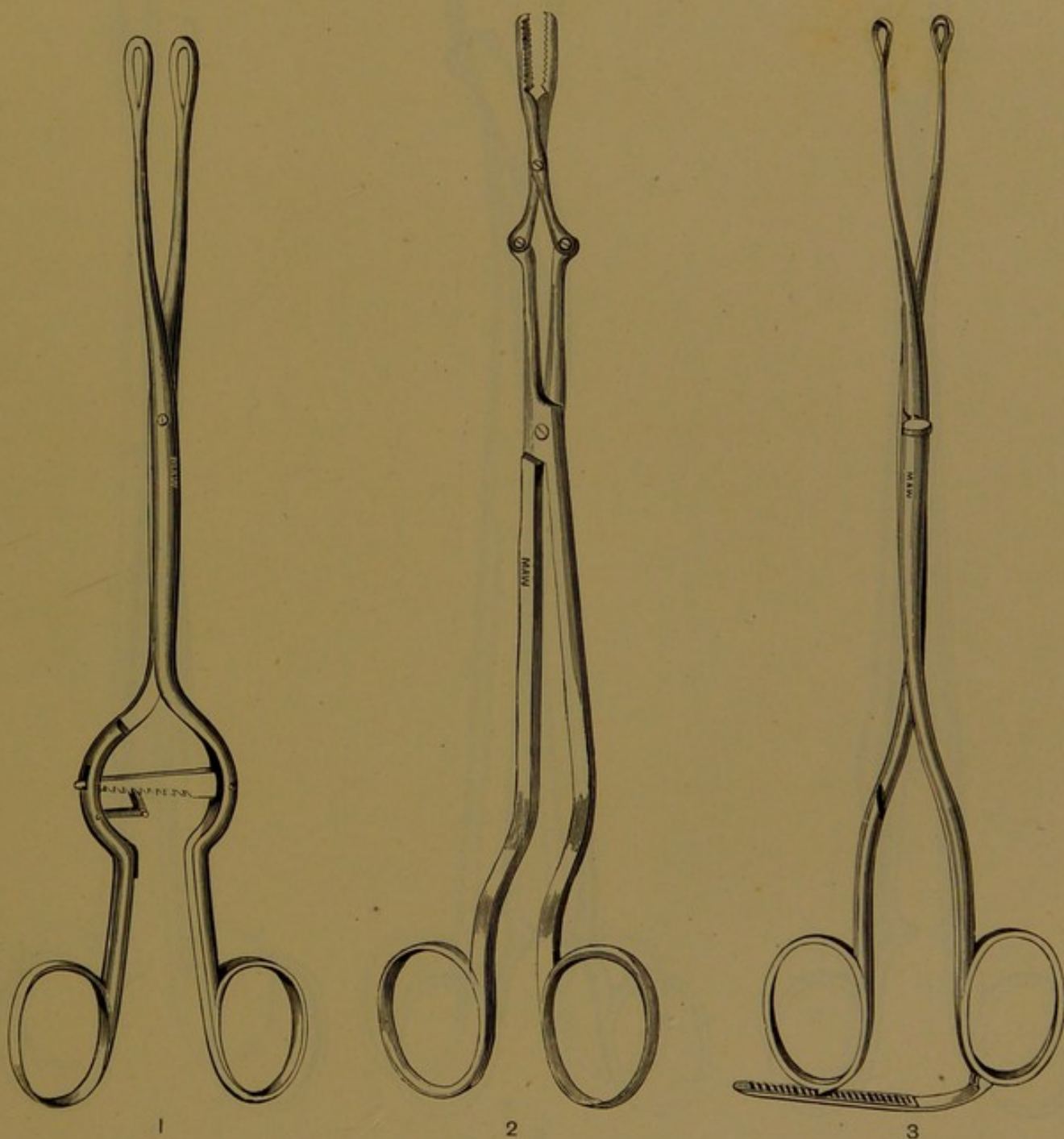
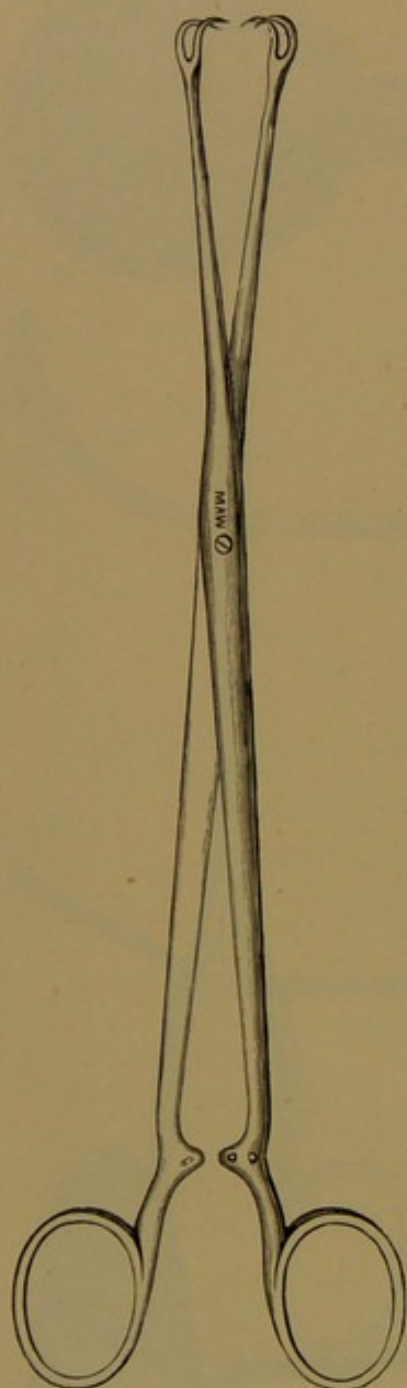
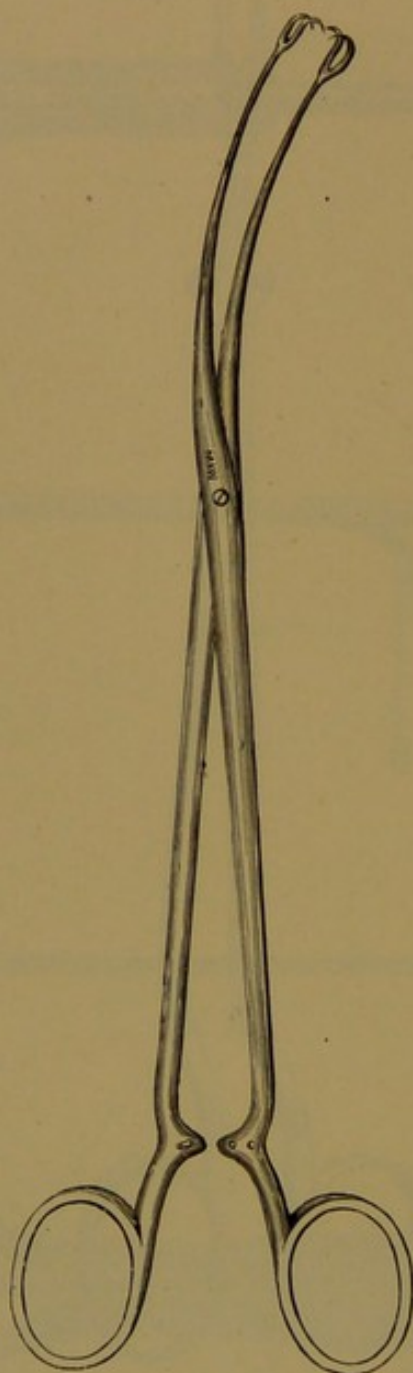


Fig. 1. FORCEPS, BROAD FENESTRATED BLADES.
Fig. 2. FORCEPS, WITH IMPROVED MOVEMENT.
Fig. 3. FORCEPS, MOVABLE BLADES.

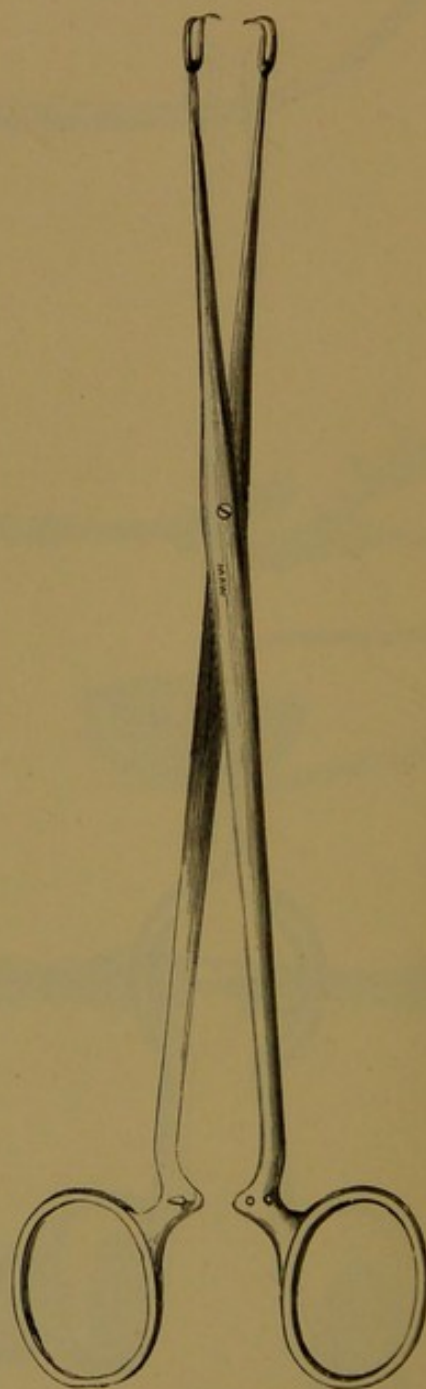
FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).



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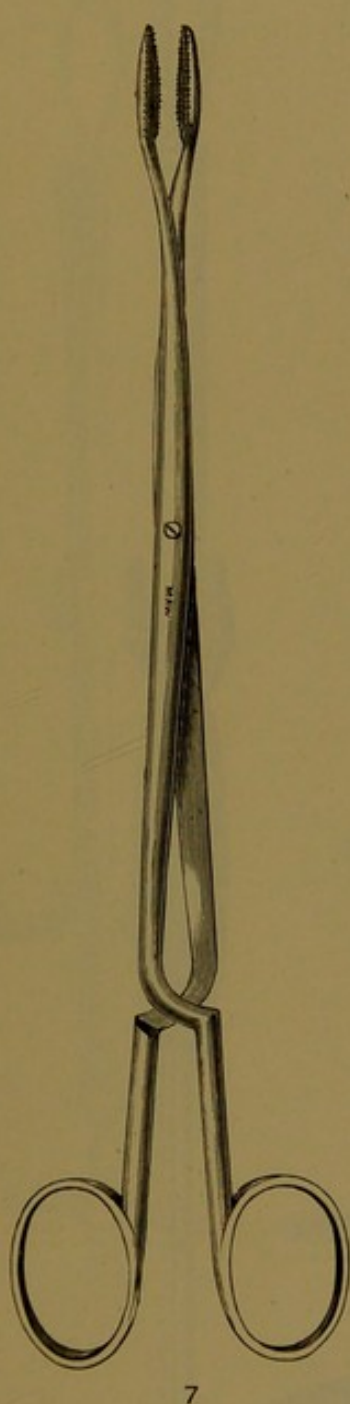
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Fig. 4. VULSELLUM, WITH CATCH.

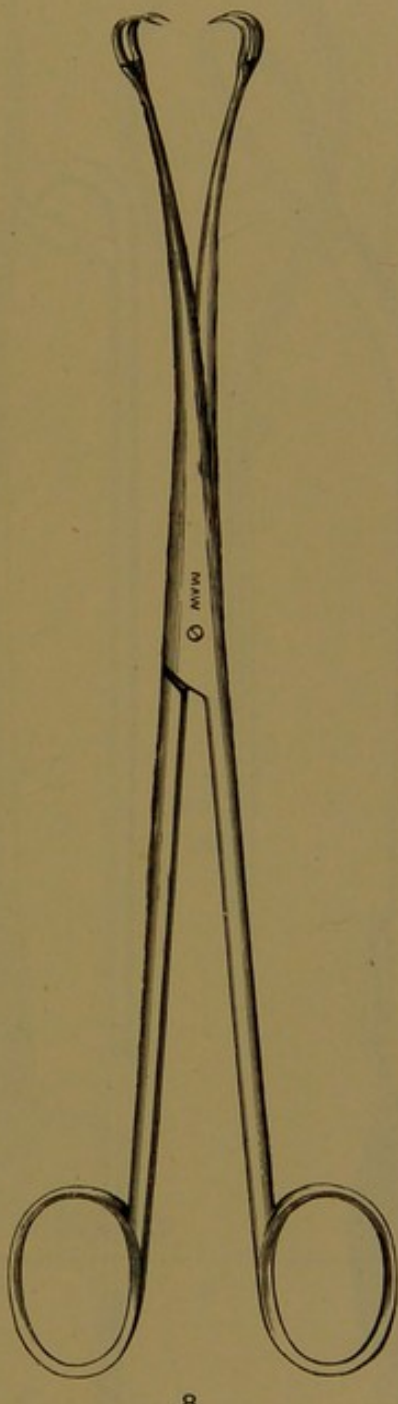
Fig. 5. VULSELLUM, CURVED, WITH CATCH.

Fig. 6. VULSELLUM, NARROW POINTS, WITH CATCH.

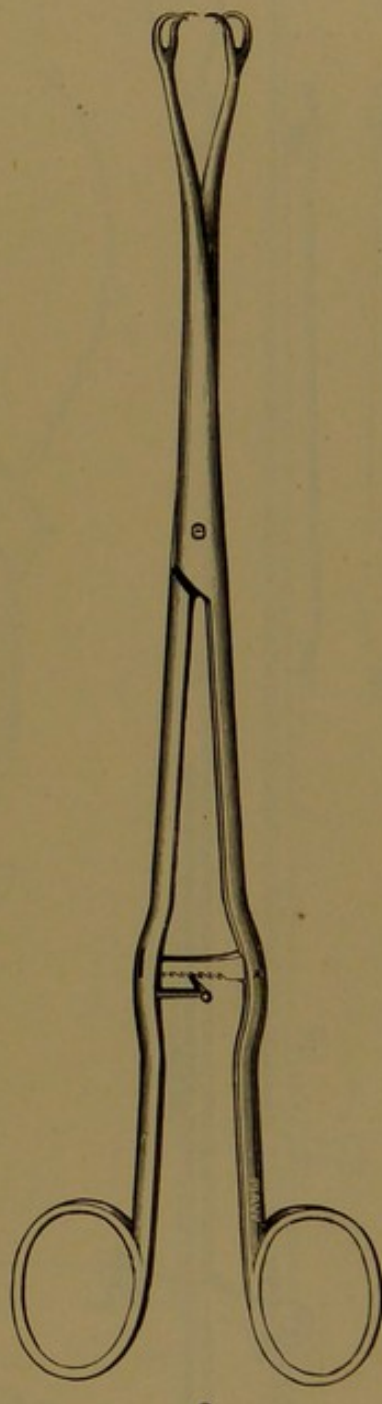
FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).



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Fig. 7. FORCEPS, SERRATED ENDS.

Fig. 8. VULSELLUM, PLAIN.

Fig. 9. VULSELLUM, WITH RACK-FASTENING.

ECRASEURS FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC.

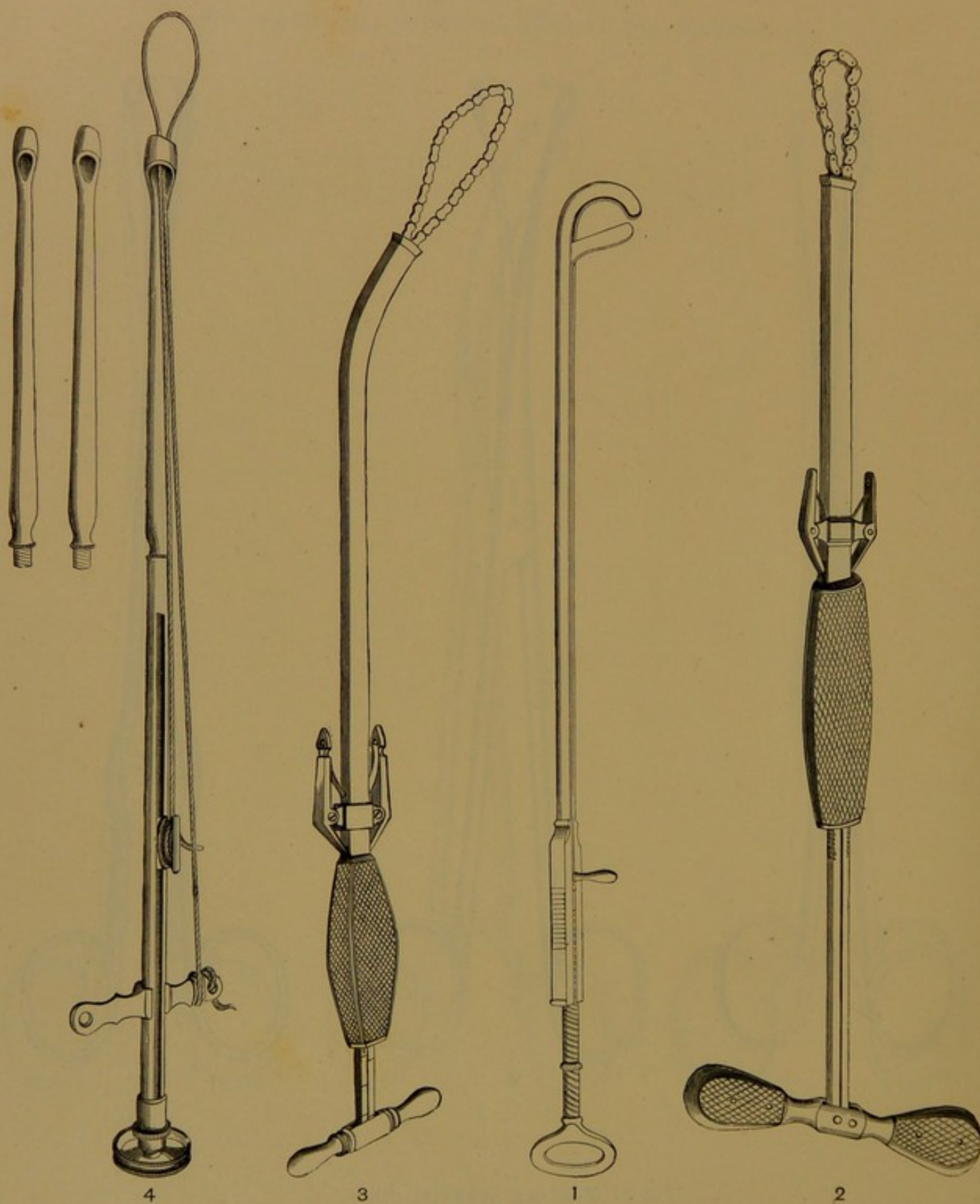


Fig. 1. AVELING'S.

Fig. 2. CHASSAIGNAC'S.

Fig. 3. CHASSAIGNAC'S.

Fig. 4. HICK'S.

ECRASEURS FOR THE REMOVAL OF POLYPUS, TUMOURS, ETC. (*Continued*).

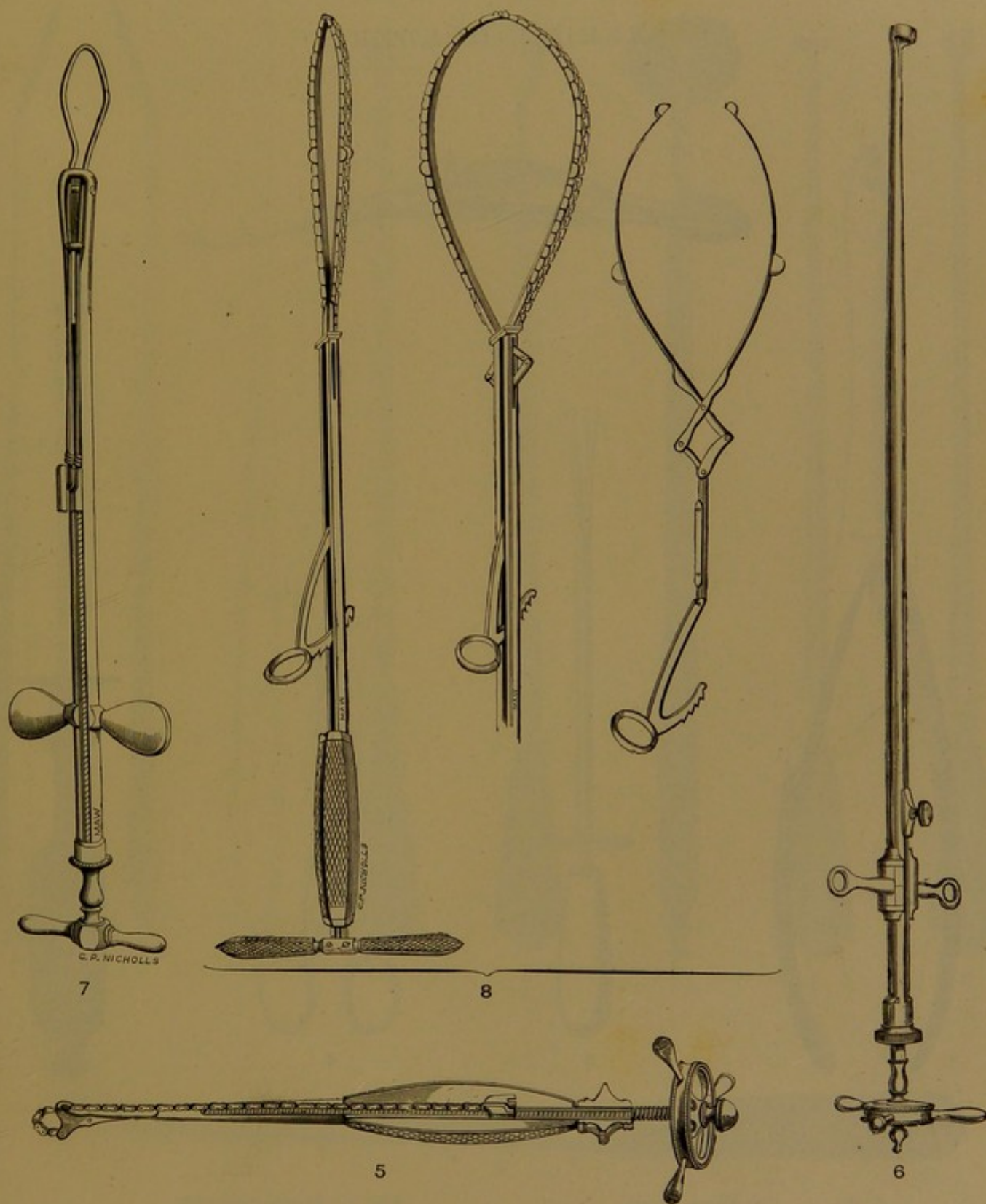
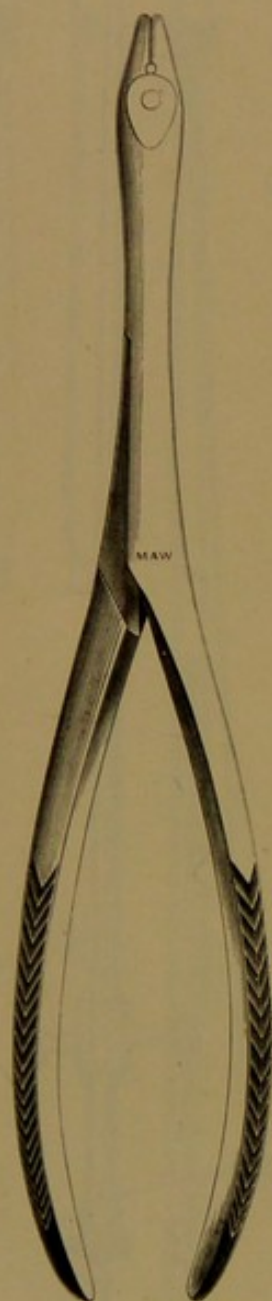


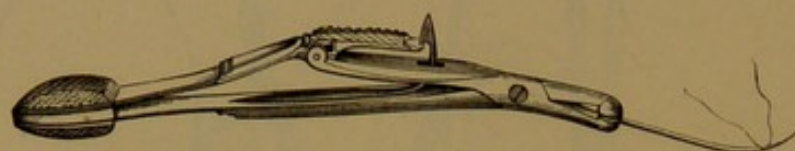
Fig. 5. CHASSAIGNAC'S.
Fig. 6. HICK'S.

Fig. 7. MEADOW'S.
Fig. 8. SIMS'.

NEEDLE-HOLDERS.



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Fig. 1. CIRCULAR JOINT.

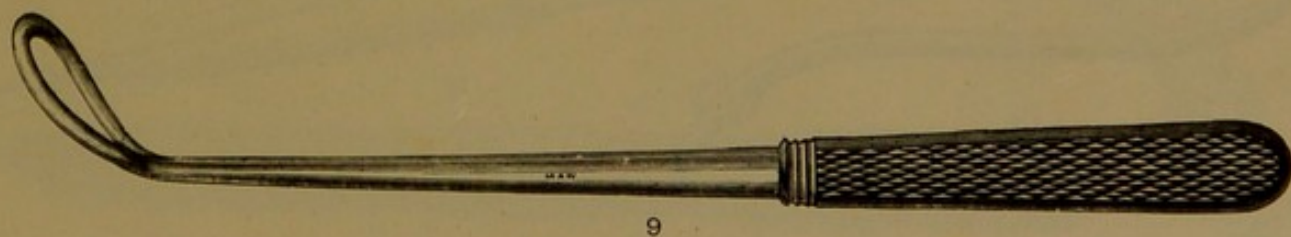
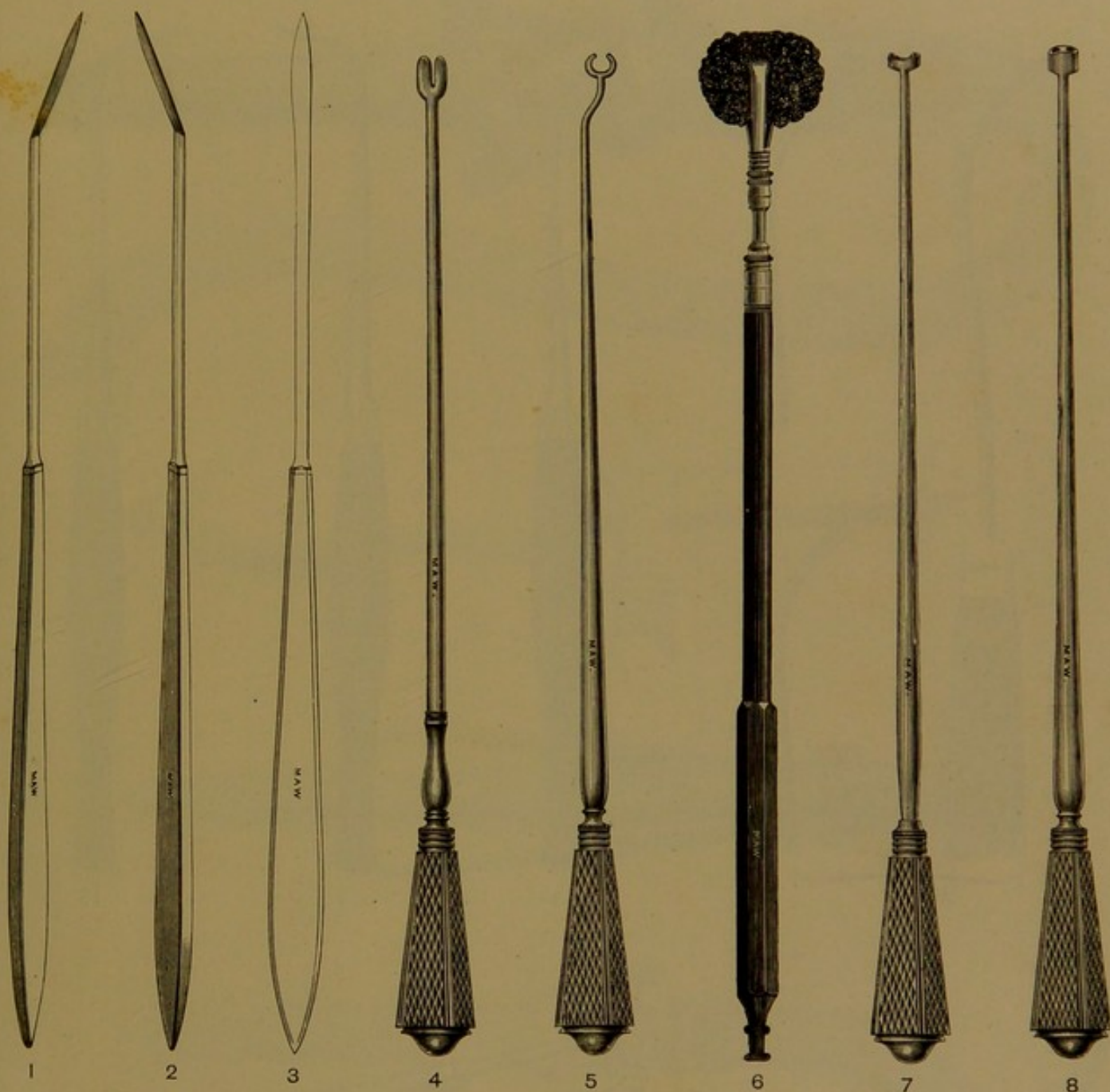
Fig. 2. EBONY-MOUNTED.

Fig. 3. IVORY-MOUNTED.

Fig. 4. LUER'S.

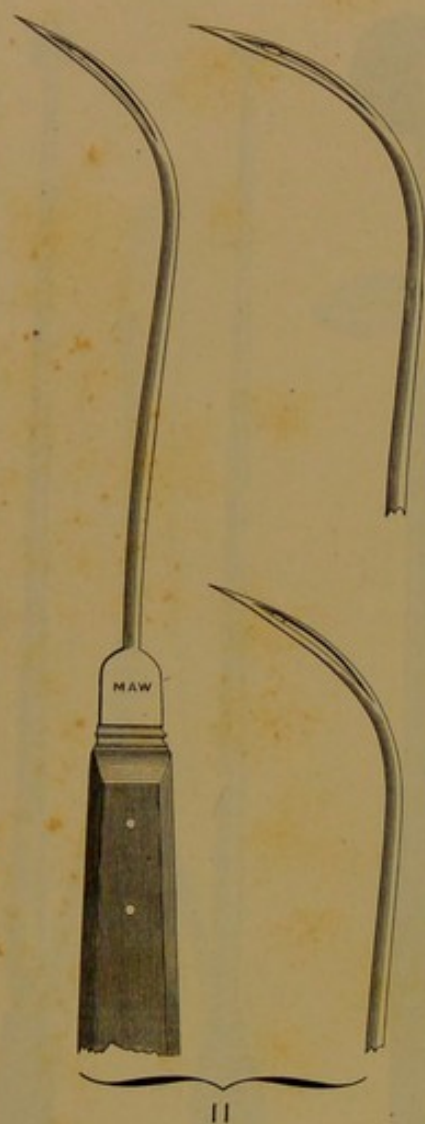
Fig. 5. MAW'S IMPROVED.

FOR VESICO-VAGINAL FISTULA AND RUPTURED PERINEUM.



Figs. 1 } BISTOURIES FOR PARING THE EDGES.
to 3. }
Fig. 4. FORK TO AID PASSAGE OF SUTURES.
Fig. 5. FULCRUM.

Fig. 6. SPONGE-HOLDER.
Fig. 7. SUTURE-ADJUSTER.
Fig. 8. SUTURE-TWISTER.
Fig. 9. TRACTOR.

FOR VESICO-VAGINAL FISTULA AND RUPTURED PERINEUM (*Continued*).

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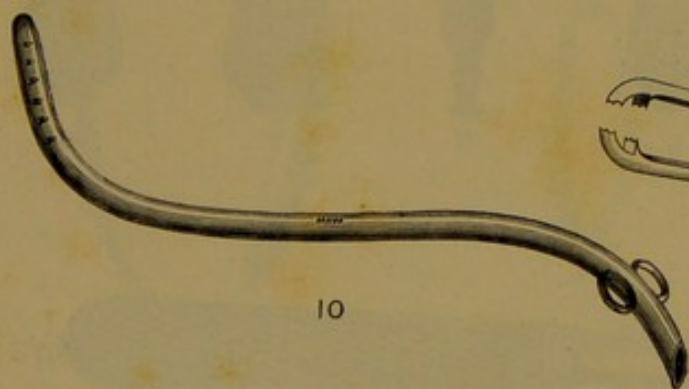
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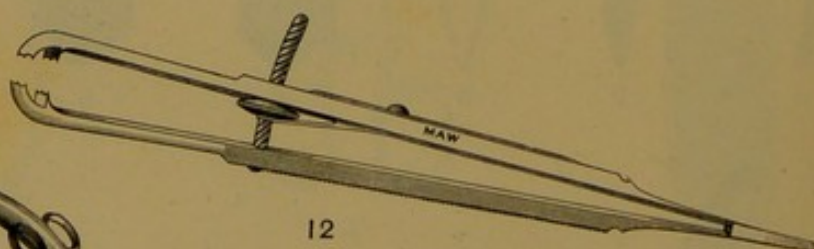
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Fig. 10. CATHETER, SIMS'.

Fig. 11. DEEP QUILL SUTURE NEEDLES, BROWN'S.

Fig. 12. FORCEPS FOR SEIZING THE EDGES, THOMAS'.

Fig. 13. TUBULAR NEEDLE, SIMPSON'S.

Fig. 14. TUBULAR NEEDLE, LEFT, SIMPSON'S.

Fig. 15. TUBULAR NEEDLE, RIGHT, SIMPSON'S.

TROCARS FOR TAPPING OVARIAN CYSTS.

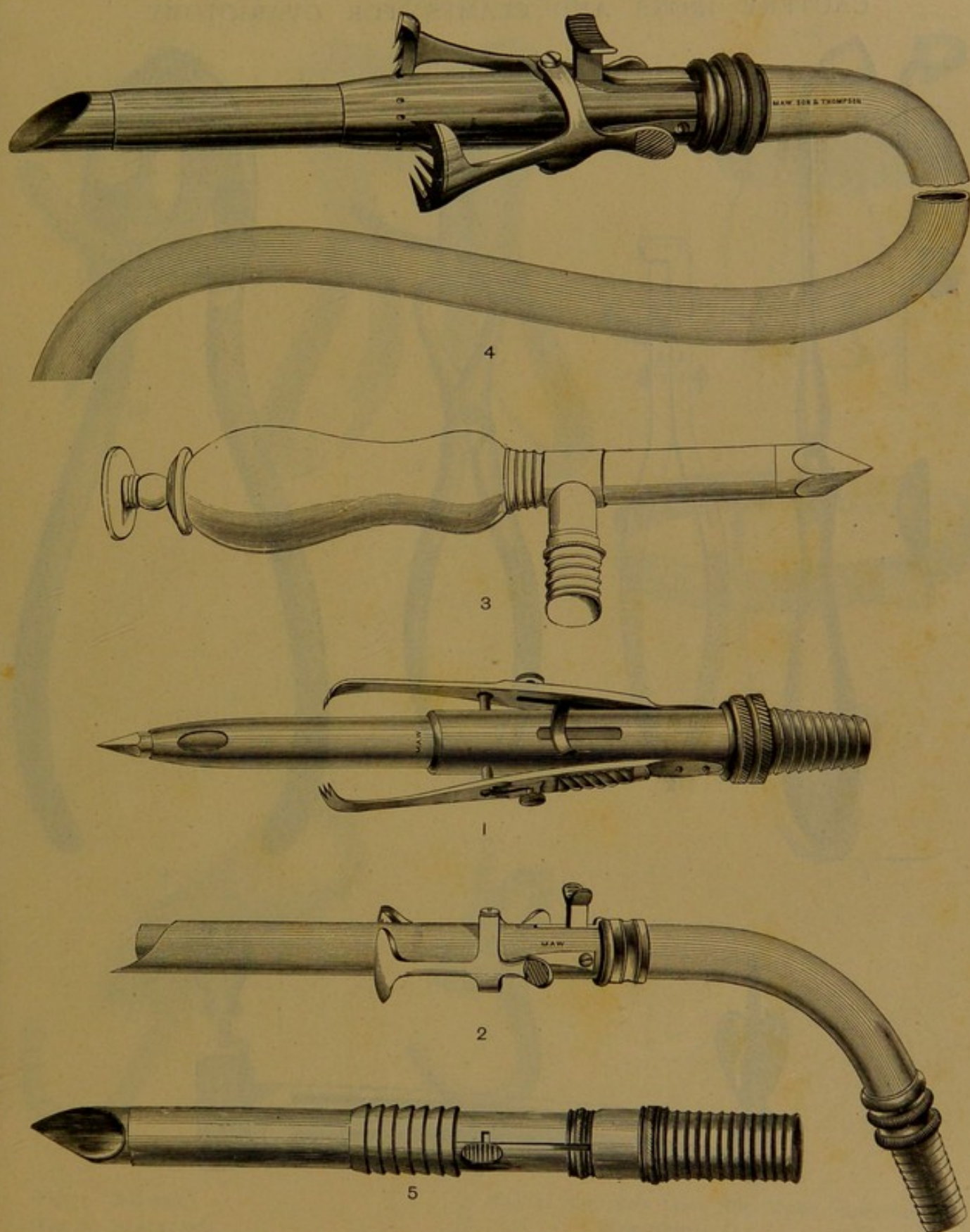


Fig. 1. LAWSON TAIT'S.

||

Figs. 2 to 5. SPENCER WELLS'.

CAUTERY IRONS AND CLAMPS FOR OVARIOTOMY.

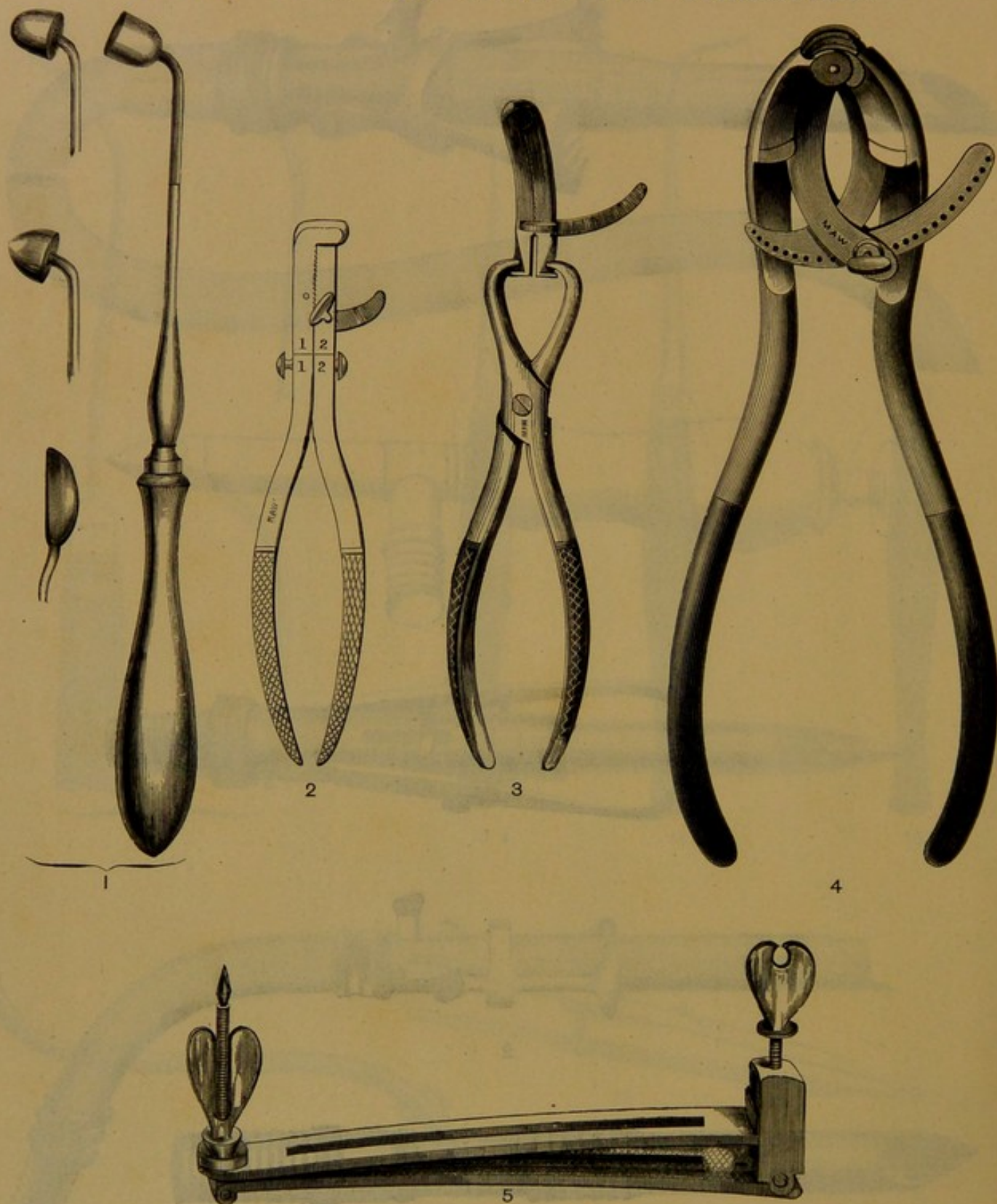


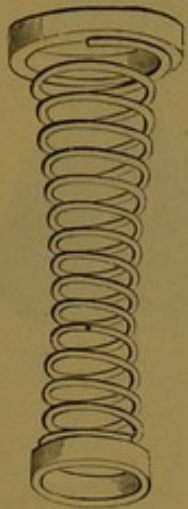
Fig. 1. CAUTERY IRONS.

||

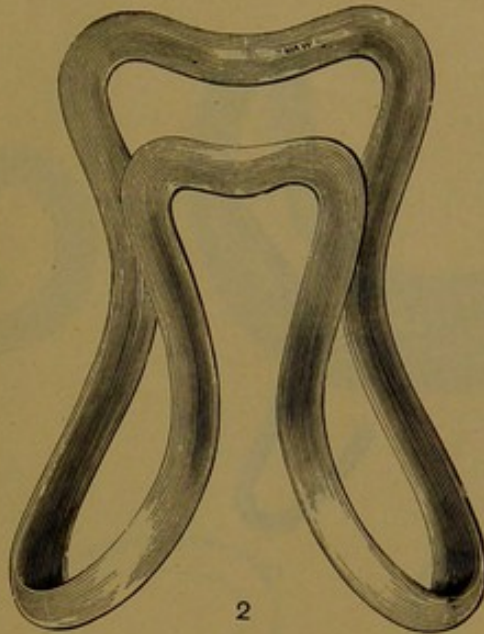
Fig. 2. CLAMP, HUTCHINSON'S.

Figs. 3 to 5. CLAMPS, SPENCER WELLS'.

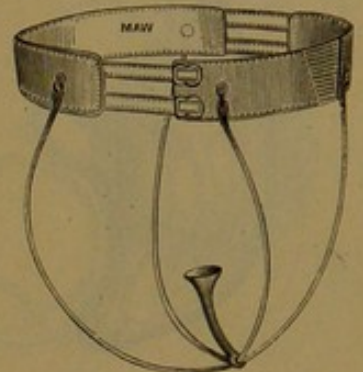
PESSARIES.



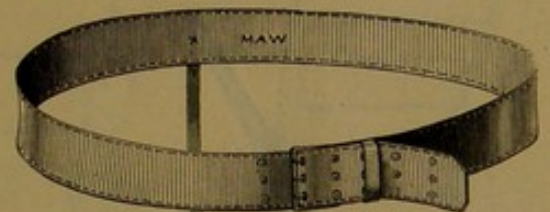
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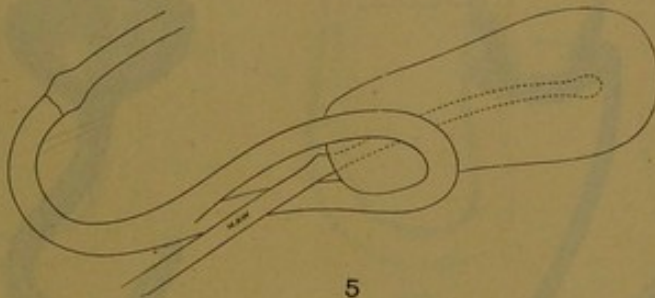
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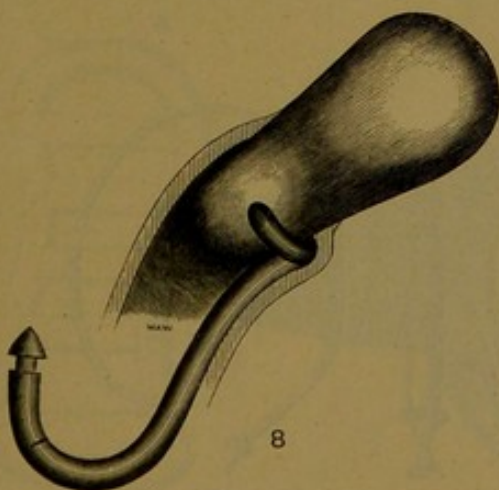
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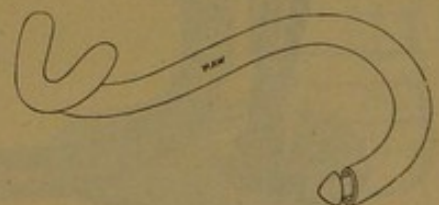
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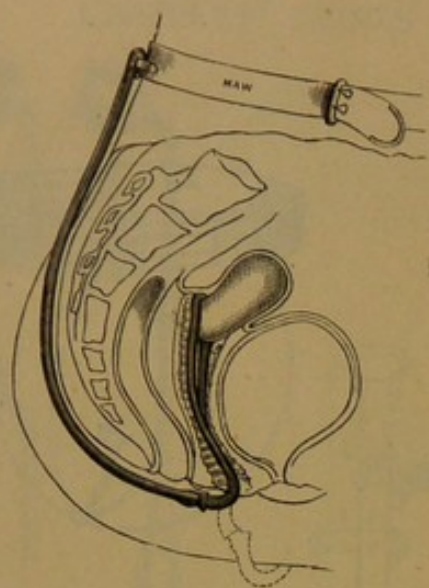


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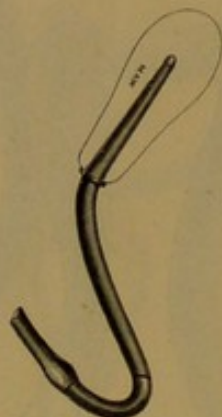
- Fig. 1. BARNES'.
 Fig. 2. BLACKBEE'S.
 Fig. 3. CLAY'S.
 Fig. 4. CUTTER'S LOOP (for Anteversion).

- Fig. 5. CUTTER'S LOOP (Fig. shows application for Anteversion).
 Fig. 6. CUTTER'S (for Anteversion and Flexion).
 Fig. 7. CUTTER'S T STEM.
 Fig. 8. CUTTER'S T STEM APPLIED TO UTERUS.

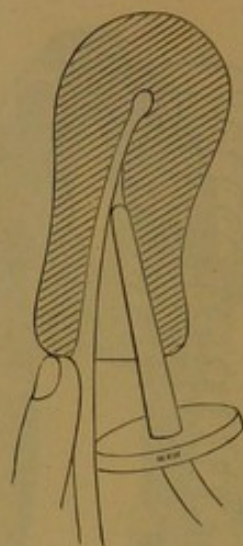
PESSARIES (Continued).



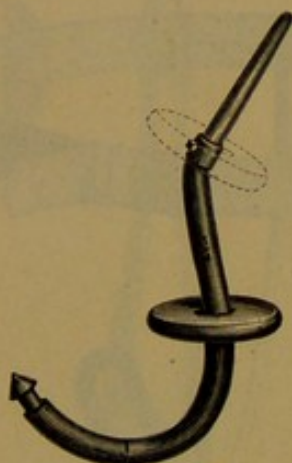
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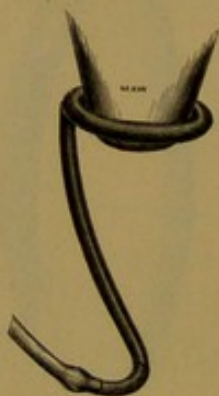
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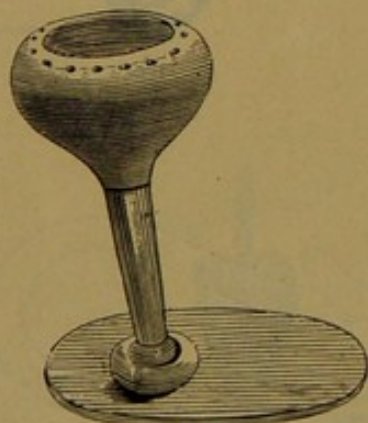
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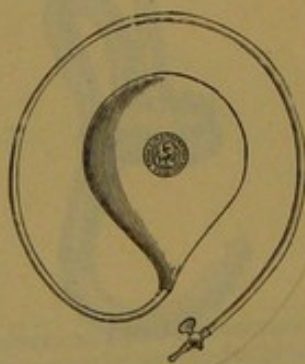
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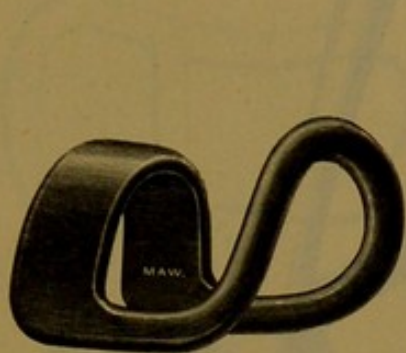


16

- Fig. 9. CUTTER'S CUP (for Prolapsus).
 Fig. 10. CUTTER'S LOOP (for Retroversion).
 Fig. 11. CUTTER'S RING (for Prolapsus).
 Fig. 12. CUTTER'S STEM (for Retroflexion).
 Fig. 13. CUTTER'S STEM, MOVABLE DISC (for Retroflexion).

- Fig. 14. CUTTER'S STEM (Fig. shows application for Retroflexion).
 Fig. 15. DUFFIN'S.
 Fig. 16. GARIEL'S, GLOBULAR, WITH PUMP.
 Fig. 17. GARIEL'S, PYRIFORM, WITH PUMP.

PESSARIES (Continued).



18



19



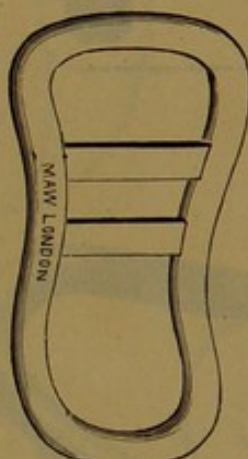
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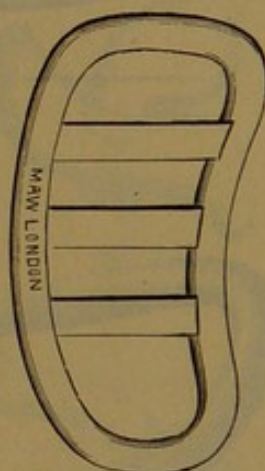
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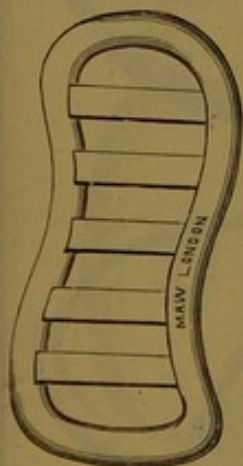
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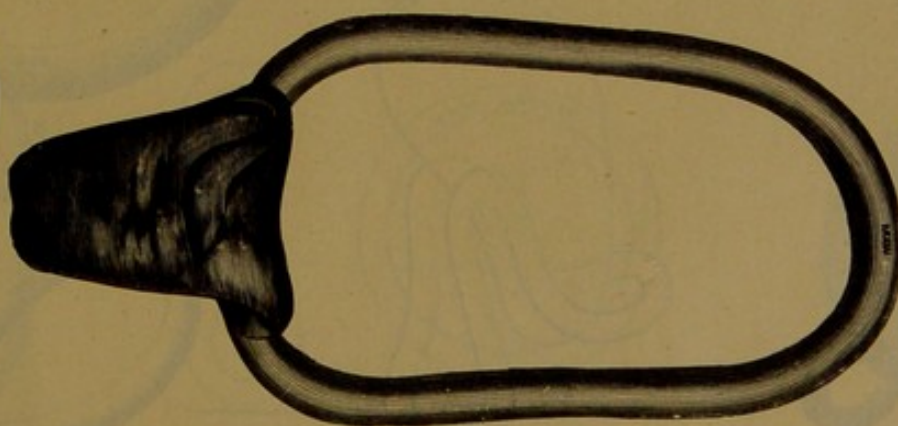
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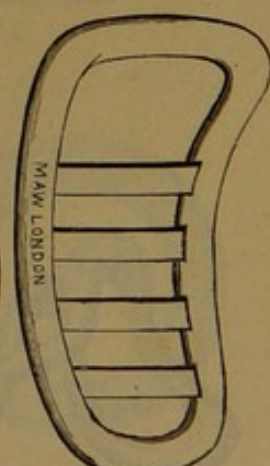
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Fig. 18. GALABIN'S (for Anteversion).

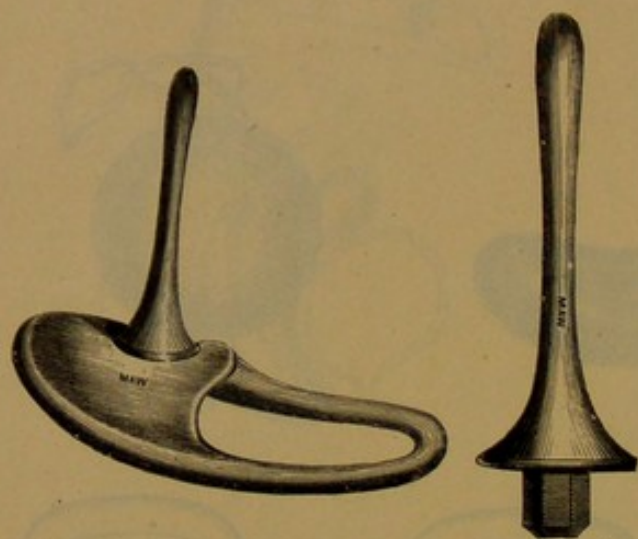
Fig. 19. GALABIN'S (for Prolapsus).

Fig. 20. GLOBULAR.

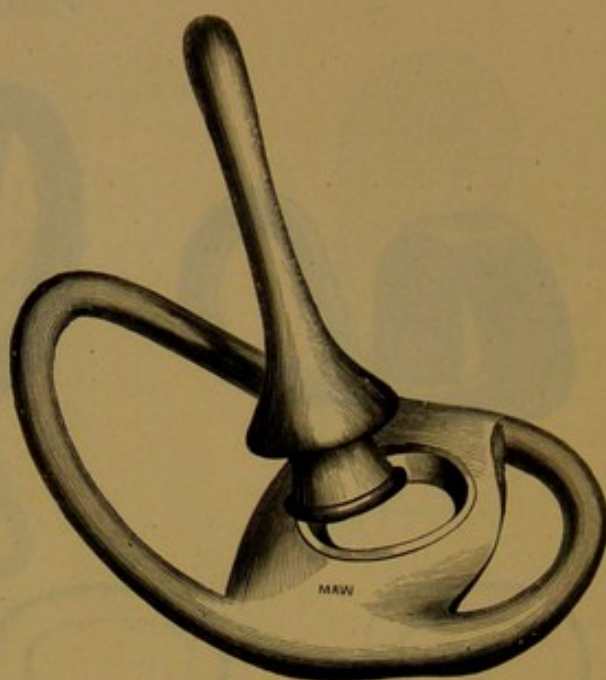
Figs. 21 } GREENHALGH'S.
to 26. }

Fig. 27. HEWITT'S, IMPROVED.

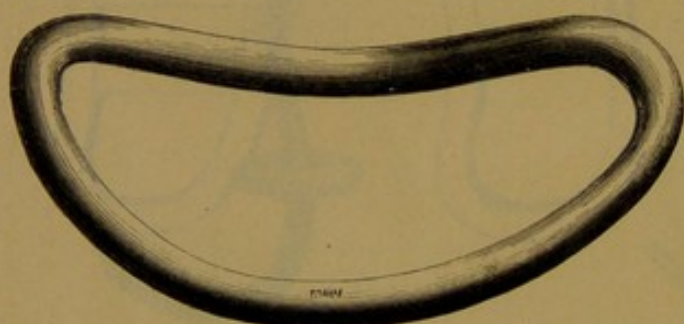
PESSARIES (Continued).



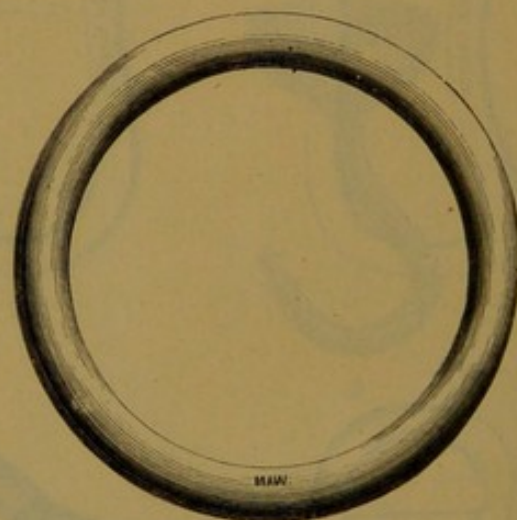
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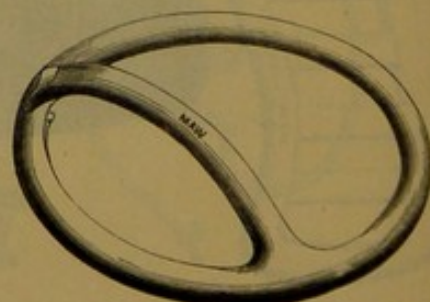
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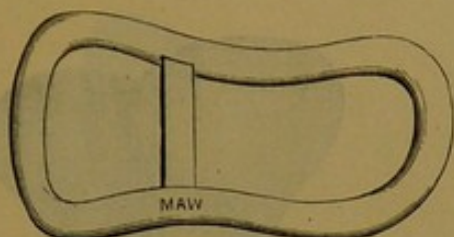


34

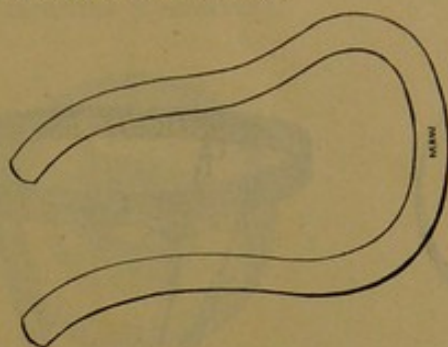
Fig. 28. } HEWITT'S CRADLE.
 Fig. 29. }
 Fig. 30. HEWITT'S LEVER.

Fig. 31. HEWITT'S RING.
 Fig. 32. } HEWITT'S STEM.
 Fig. 33. }
 Fig. 34. HITCHCOCK'S.

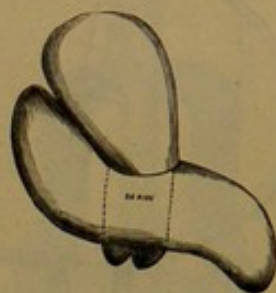
PESSARIES (Continued).



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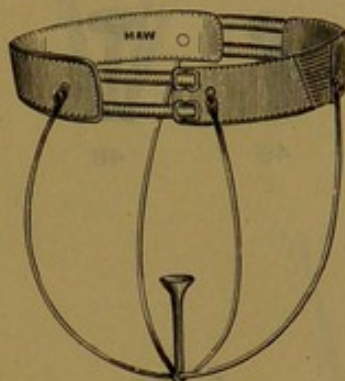
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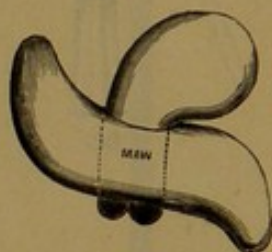
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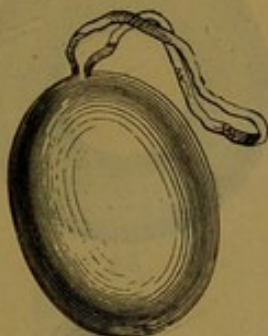
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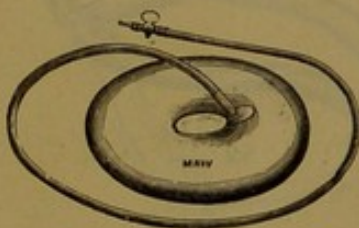
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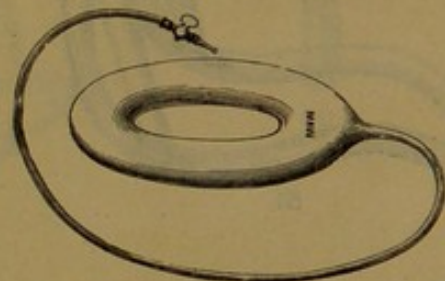
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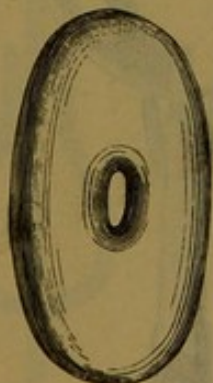
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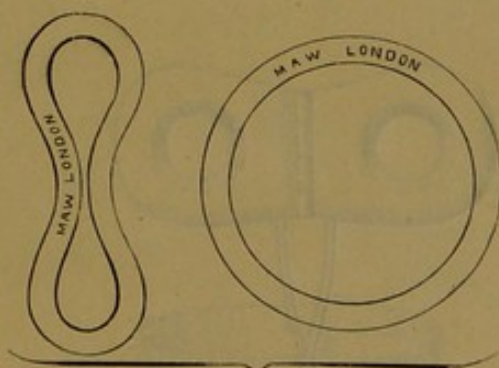
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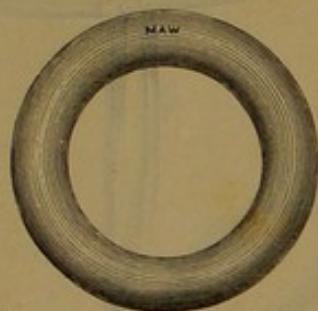
42



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46



44

- Fig. 35. HODGE'S LEVER.
Fig. 36. HODGE'S LEVER, WITH BAR.
Fig. 37. HODGE'S LEVER, OPEN.
Fig. 38. HURD'S.

- Fig. 39. HURD'S.
Fig. 40. NAPIER'S.
Fig. 41. OVAL.
Fig. 42. OVAL, WITH TUBE TO INFLATE.
Fig. 43. OVIFORM.

- Fig. 44. RING, SOFT RUBBER.
Fig. 45. RING, WITH TUBE TO INFLATE.
Fig. 46. RING, WATCH-SPRING, WITH SOFT RUBBER COVERING.

PESSARIES (Continued).

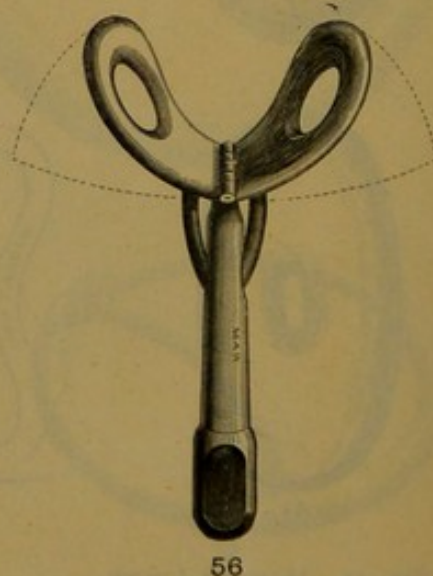
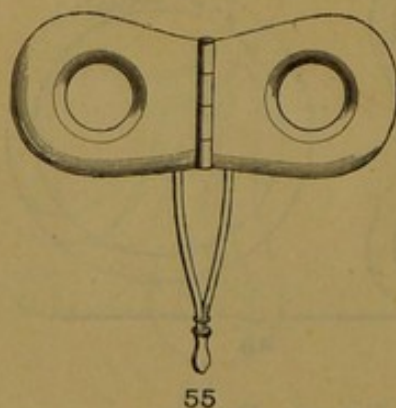
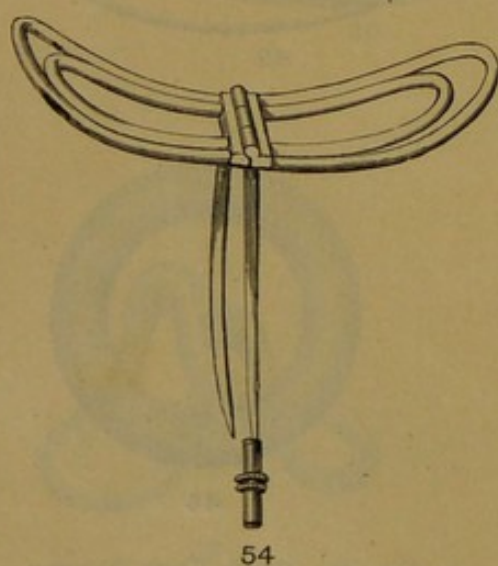
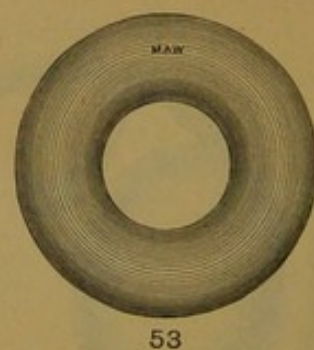
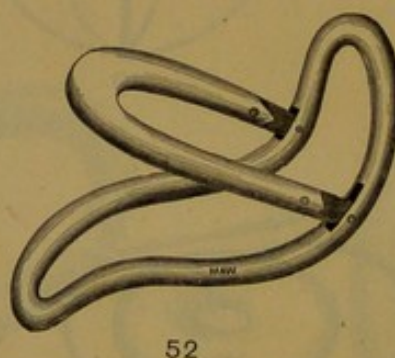
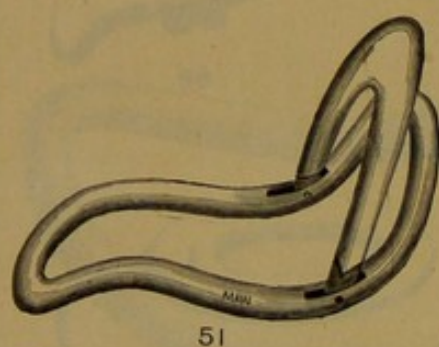
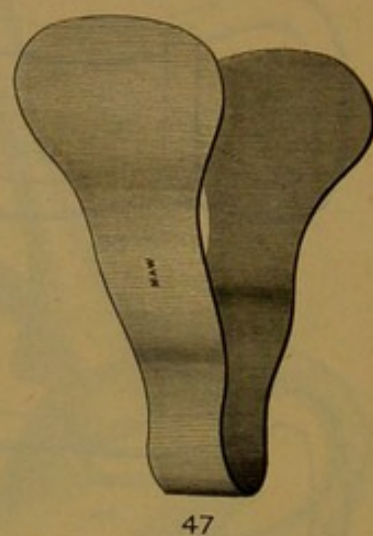
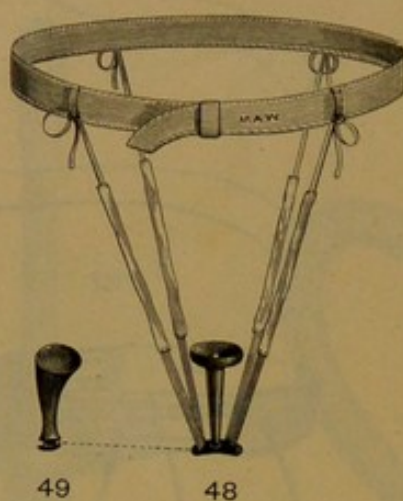
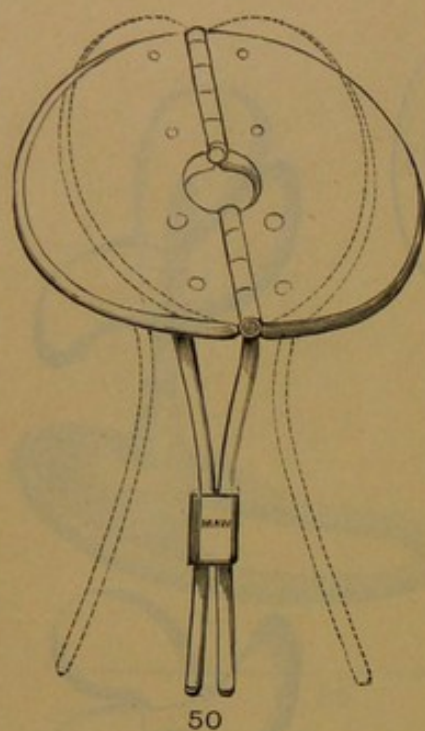
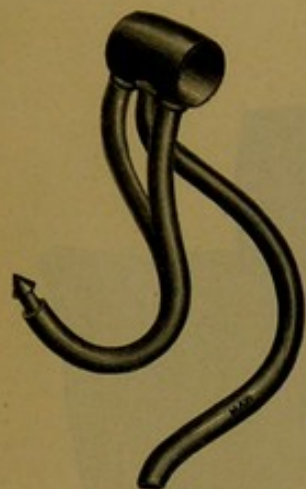


Fig. 47. MAW'S.
 Fig. 48. } SCHOFIELD'S.
 Fig. 49. }
 Fig. 50. SKINNER'S.

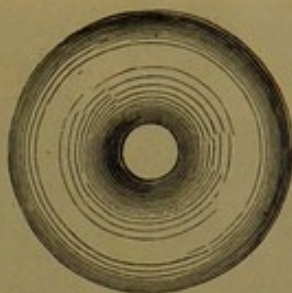
Fig. 51. THOMAS', CLOSED.
 Fig. 52. THOMAS', OPEN.
 Fig. 53. WHALEBONE, SOFT
 RUBBER COVERING.

Fig. 54. } ZWANK'S, METAL.
 Fig. 55. }
 Fig. 56. ZWANK'S, VULCANITE.

PESSARIES (Continued).



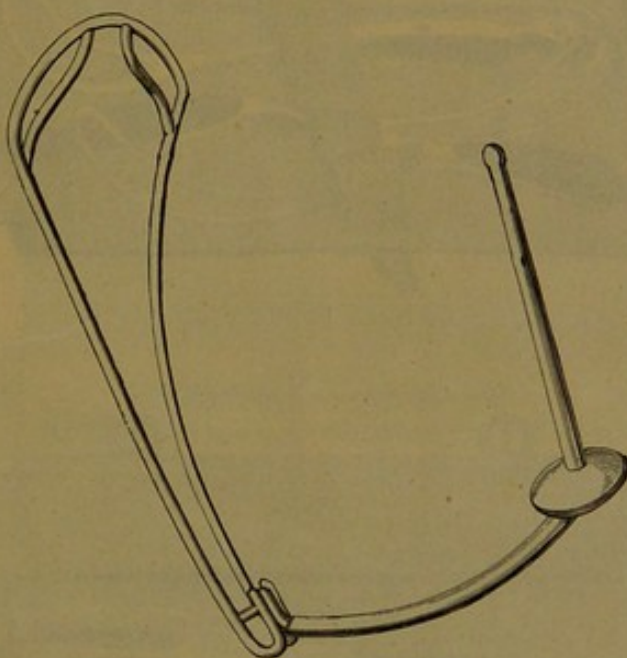
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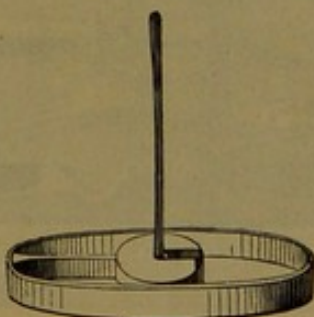
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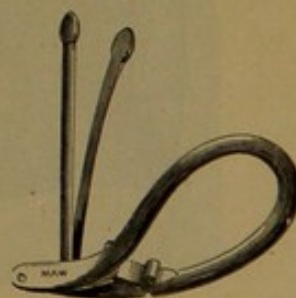
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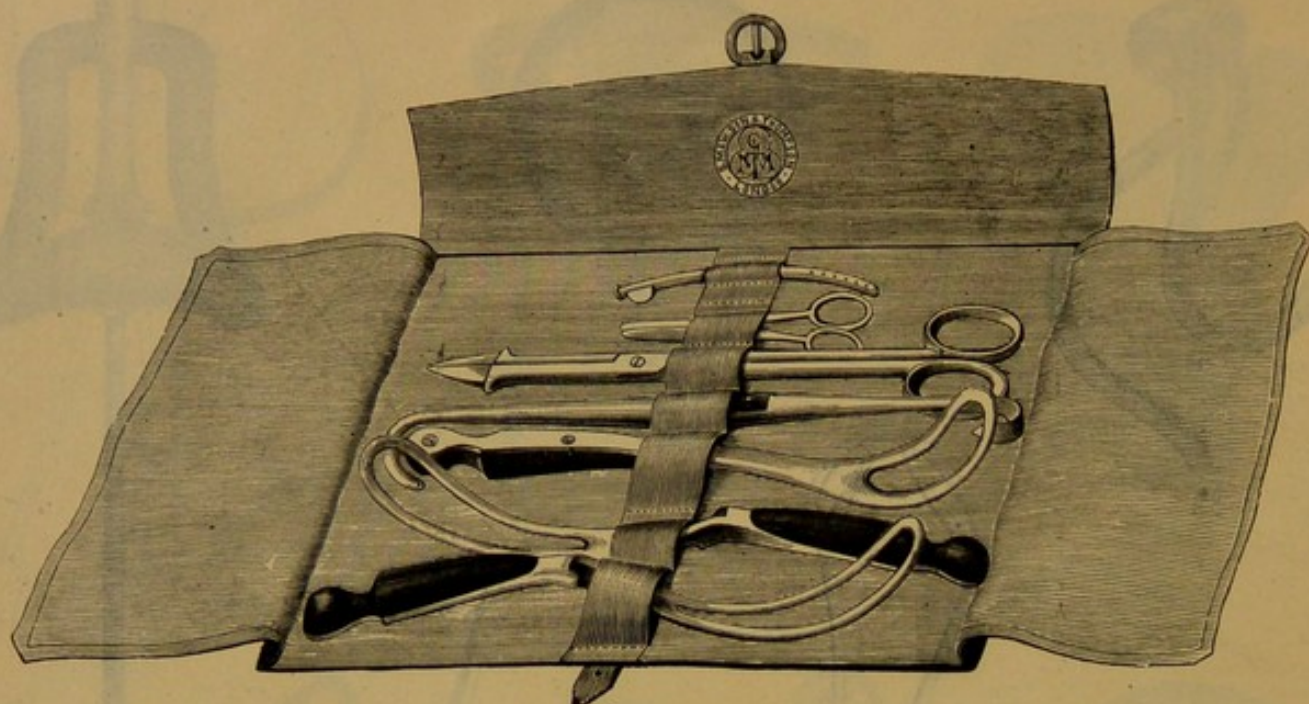


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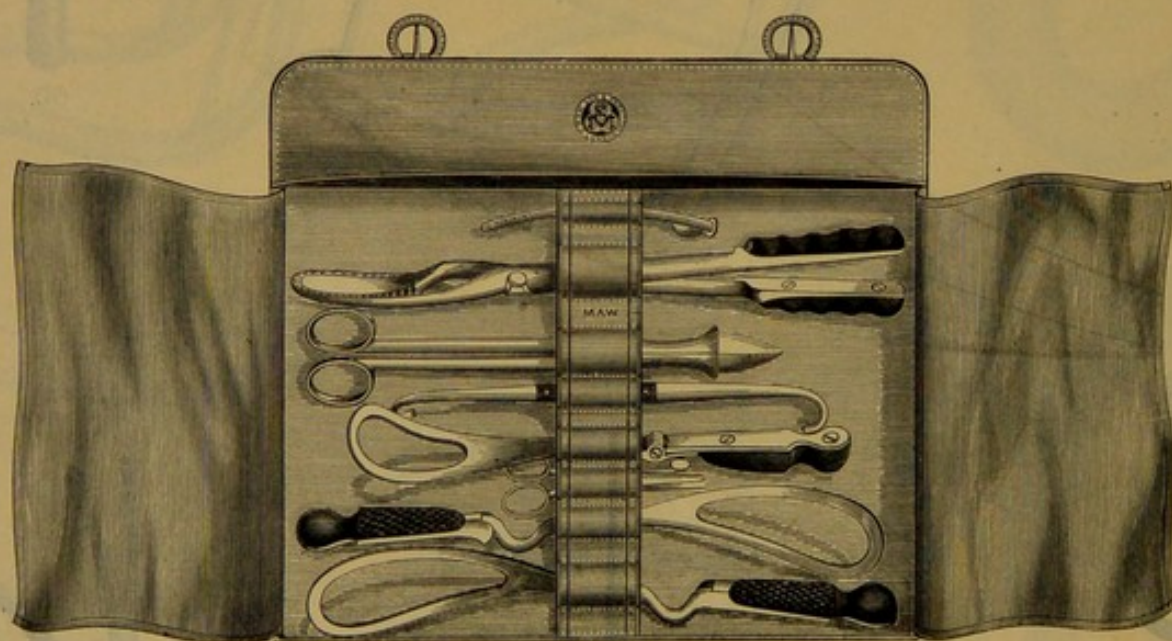
Fig. 57. BLAKE'S.
 Fig. 58. CIRCULAR.
 Fig. 59. CUTTER'S (modified by Thomas for Anteversion. The Bar is inflatable to form a Cushion).

Fig. 60. LIVINGSTONE'S (the long Stem, *a*, is withdrawn after introduction).
 Fig. 61. MEADOWS'.
 Fig. 62. } SIMPSON'S.
 Fig. 63. }

OBSTETRIC BAGS AND CASES.



1



2

FIG. 1.

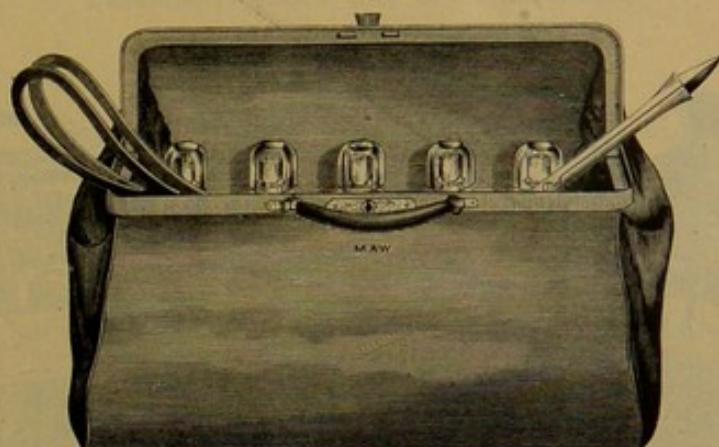
CATHETER.
CROTCHET AND BLUNT HOOK.
FORCEPS, SHORT.
PERFORATOR, DENMAN'S.
SCISSORS.
VECTIS.

FIG. 2.

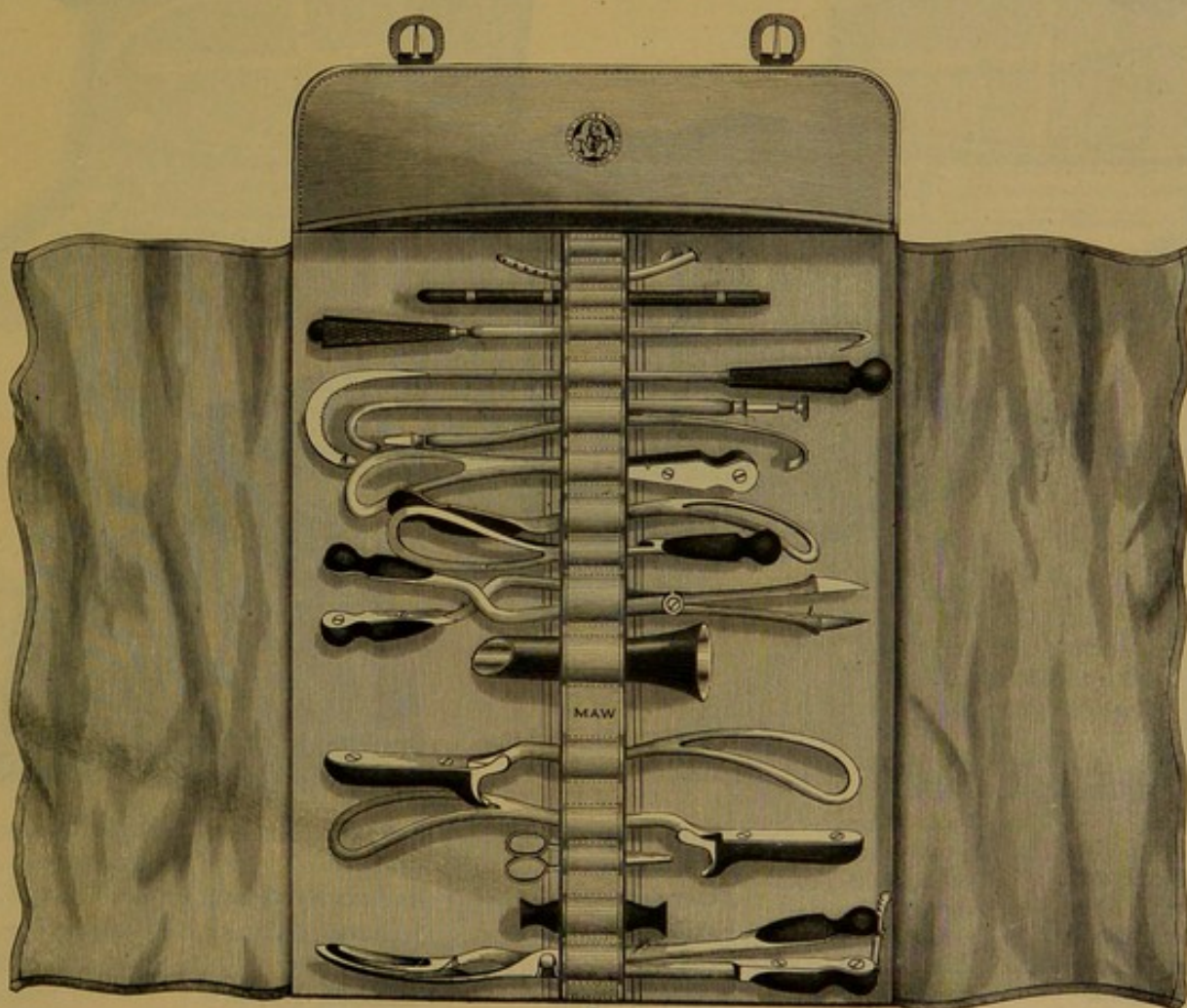
CATHETER.
CROTCHET AND BLUNT
HOOK.
FORCEPS, CRANIOTOMY.

FORCEPS, LONG.
PERFORATOR, DENMAN'S.
SCISSORS.
VECTIS.

OBSTETRIC BAGS AND CASES (*Continued*).



4



3

FIG. 3.

CATHETER.
CAUSTIC, SPONGE-
HOLDER, AND
UTERUS KNIFE.
CROTCHET.

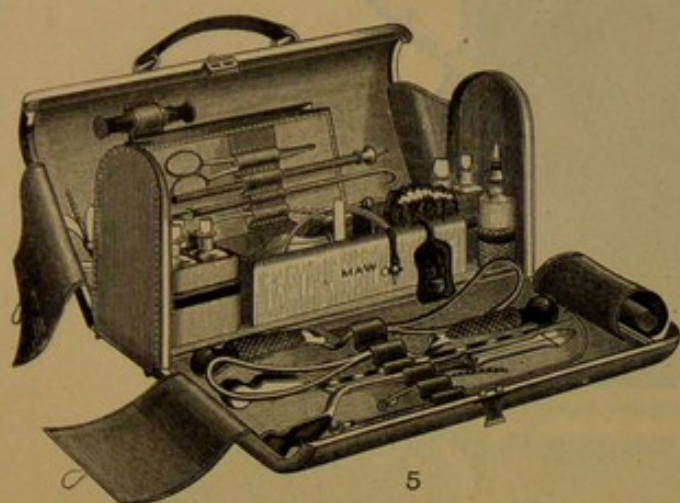
DECAPITATOR.
FORCEPS, CRANIO-
TOMY, BARNES'.
FORCEPS (Two).
HOOK, BLUNT.

HOOK, FINE.
PERFORATOR.
SCISSORS.
SPECULUM.
VECTIS.

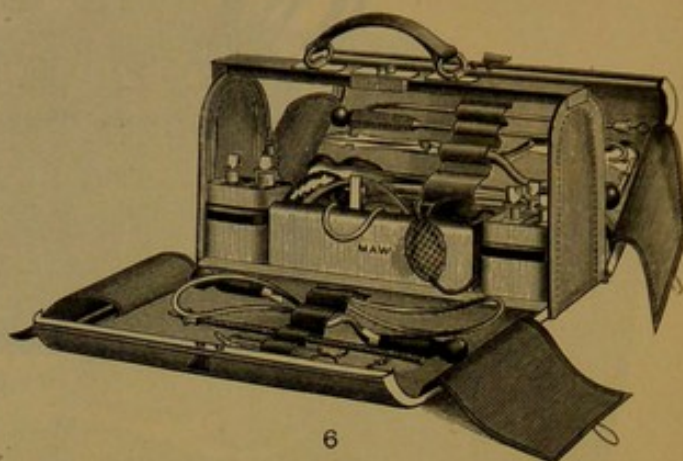
BOTTLES (Five).
CATHETER.
CAUSTIC, SPONGE-
HOLDER, AND UTERUS
KNIFE.
CROTCHET.

FIG. 4.

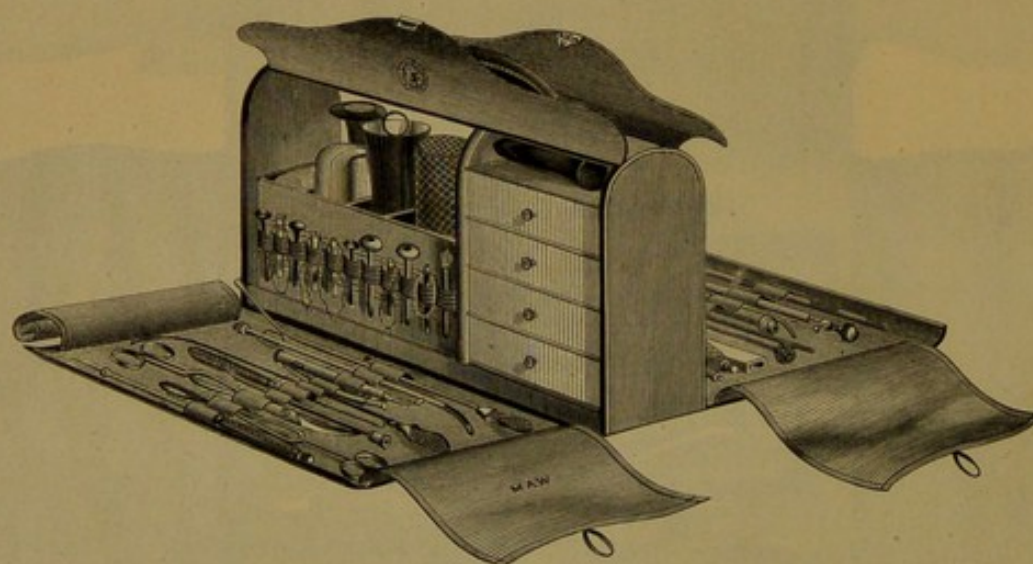
FORCEPS, CRANIOTOMY.
FORCEPS, LONG.
HOOKS, BLUNT (Two).
PERFORATOR.
SPECULUM, BARNES'.
VECTIS.

OBSTETRIC BAGS AND CASES (*Continued*).

5



6



7

FIG. 5.—BARNES'.

CATHETER.	GLASS BOTTLES (Six).	AIR PESSARY, INDIA-RUBBER.
CHLOROFORM INHALER, SKINNER'S.	HOOK, BLUNT.	CATHETER.
CROTCHET.	HYDROSTATIC BAGS.	CAUSTIC CATHETER.
DROP BOTTLE.	PERFORATOR.	CHLOROFORM INHALER.
FORCEPS, CRANIOTOMY.	QUILL FOR INDUCING PREMATURE LABOUR.	COTTON WOOL.
FORCEPS, LONG.	SCISSORS.	ECRASEUR.

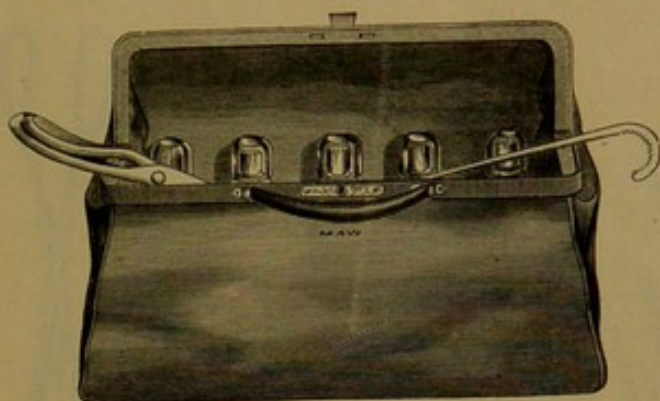
FIG. 6.—GREENHALGH'S.

BOTTLES (Six).	HOOK, BLUNT.	ENDOSCOPE.
CATHETER.	PERFORATOR.	GLASS BRUSH.
CHLOROFORM INHALER.	SCISSORS.	GLASS ROD.
DROP BOTTLE.	SPRAY APPARATUS, FOR ETHER.	HOOK, SIMS'.
FORCEPS, CRANIOTOMY.	UTERUS SYRINGE.	LAMINARIA TENTS.
FORCEPS, LONG.		LINT & LINT-HOLDER.

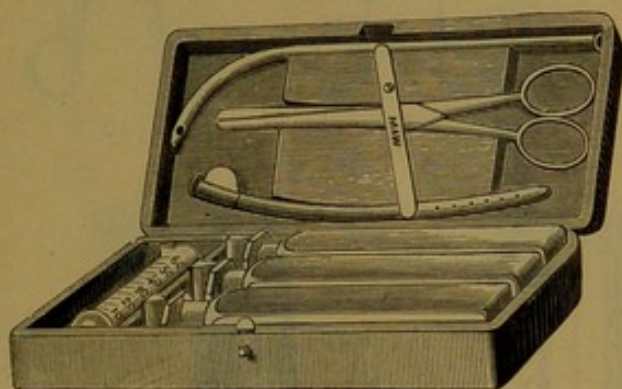
FIG. 7.—MAW'S.

NEEDLES & NEEDLE-HOLDER.	SPONGE TENTS.
OINTMENT CARRIER.	STETHOSCOPE.
PESSARIES, GALVANIC STEM.	TENT CARRIER.
PESSARIES, HODGE'S.	THERMOMETER.
PESSARIES, THOMAS'.	TUBE FOR SULPHATE OF ZINC.
SCISSORS.	UTERUS INJECTOR.
SILK AND THREAD.	UTERUS KNIFE.
SPECULUM.	UTERUS SOUND, METAL.
SPECULUM FORCEPS.	UTERUS SOUND, WHALEBONE.
SPONGE, ON WHALEBONE STEM.	VAGINA DILATOR, SIMS'.

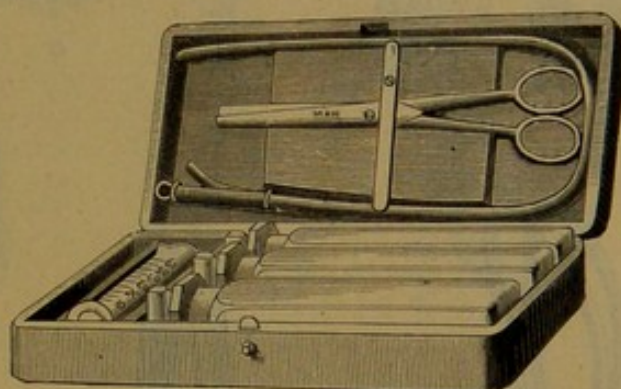
OBSTETRIC BAGS AND CASES (Continued).



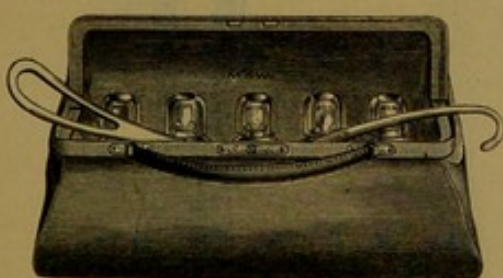
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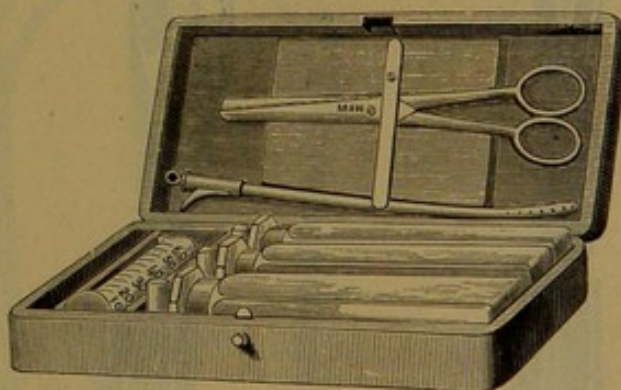
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9



12

FIG. 8.—MAW'S.

BOTTLES (Five).	HOOK, BLUNT.
CATHETER.	PERFORATOR.
CROTCHET.	SCISSORS.
FORCEPS, CRANIOTOMY.	UTERUS SYRINGE.
FORCEPS, LONG.	

FIG. 9.—MAW'S.

BOTTLES (Five).	FORCEPS, LONG.
CROTCHET AND BLUNT	UTERUS SYRINGE.
HOO.	VECTIS.

FIG. 10.

BOTTLES (Three).	SCISSORS.
CATHETER, SILVER.	TRACHEA TUBE.
MEASURE.	

FIG. 11.

BOTTLES (Three).	MEASURE.
CATHETER, ELASTIC.	SCISSORS.

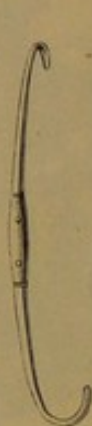
FIG. 12.

BOTTLES (Three).	MEASURE.
CATHETER, METAL.	SCISSORS.

OBSTETRIC INSTRUMENTS.



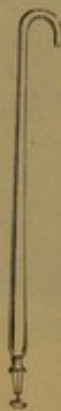
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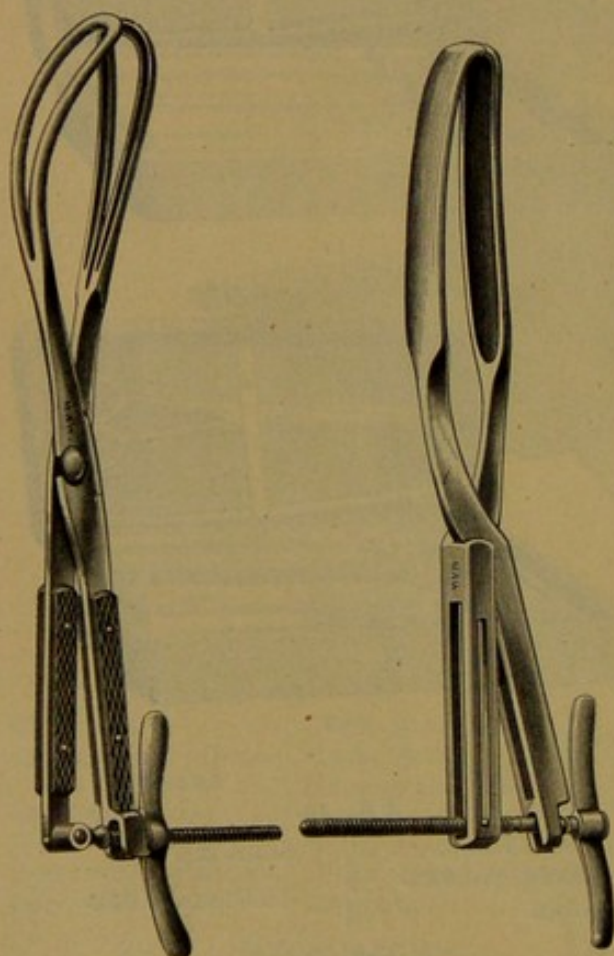
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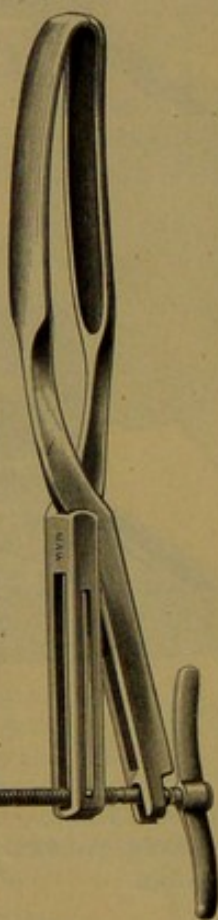
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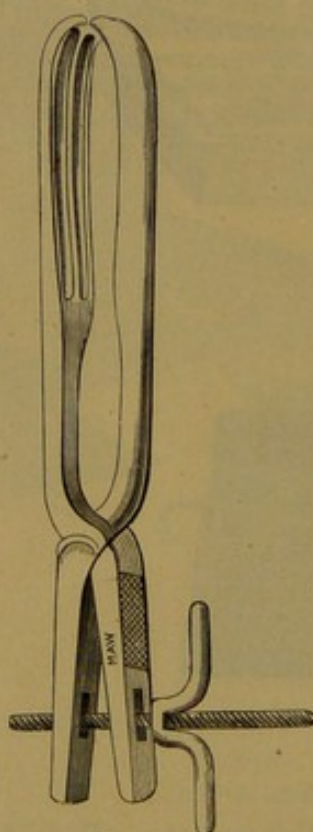
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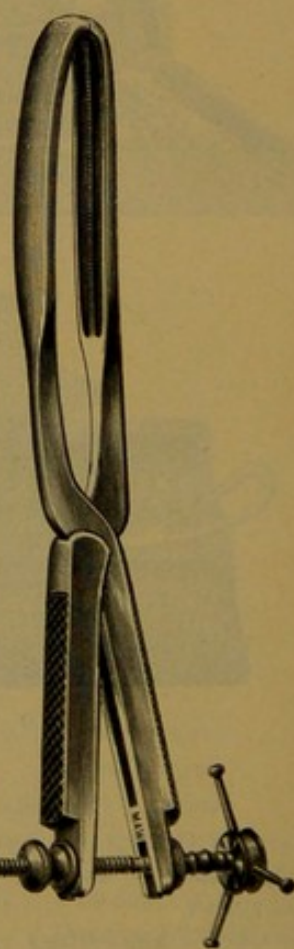
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3



4



2

Fig. 1. CEPHALOTRIBE, WITH FENESTRA.
 Fig. 2. CEPHALOTRIBE, HICK'S.
 Fig. 3. CEPHALOTRIBE, CURVED, KIDD'S.
 Fig. 4. CEPHALOTRIBE, STRAIGHT, KIDD'S.

Fig. 5. CROTCHET AND HOOK.
 Fig. 6. } CROTCHET AND HOOK,
 Fig. 7. } FITTING ONE HANDLE.

Fig. 8. } FORCEPS,
 Fig. 9. } OVUM.
 Fig. 10. }

OBSTETRIC INSTRUMENTS (*Continued*).



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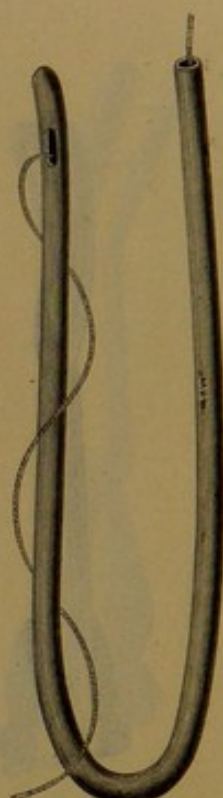
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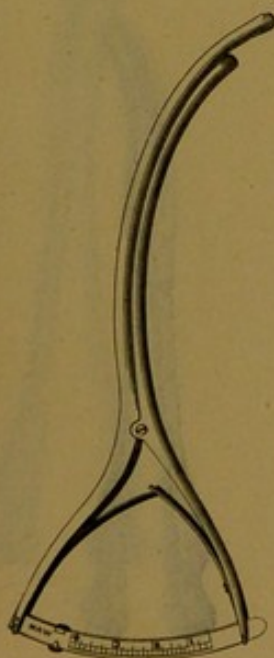
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Fig. 11. CEPHALOMETER.

Fig. 12. BLUNT HOOK.

Fig. 13. FINE HOOK, OLDHAM'S.

Fig. 14. FORCEPS, OVUM.

Fig. 15. FUNIS TUBE,
ROBERTSON'S.

Fig. 16. PELVIMETER, EARLE'S.

Fig. 17. SCISSORS, BLUNT POINTS.

Fig. 18. VECTIS, LEVER'S.

Fig. 19. VECTIS, LOWND'S.

Fig. 20. VECTIS, SYMOND'S.

CRANIOTOMY FORCEPS.

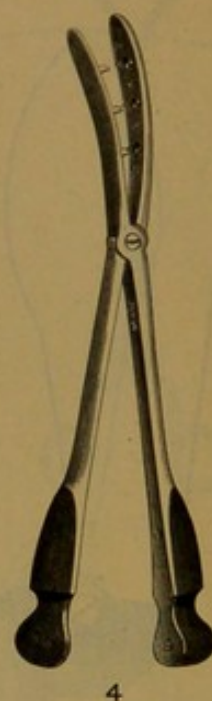
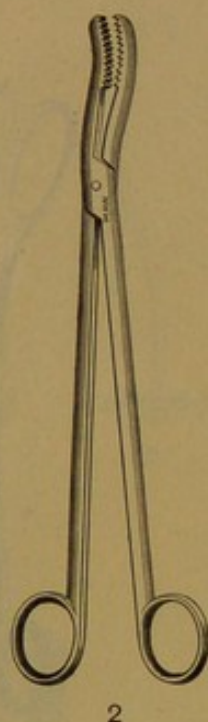


Fig. 1. BARNES'.
 Fig. 2. CHURCHILL'S.
 Fig. 3. DAVIS'.
 Fig. 4. HOLMES'.

Fig. 5. LEE'S.
 Fig. 6. LEVER'S.
 Fig. 7. MATHEWS DUNCAN'S.
 Fig. 8. SIMPSON'S.

CRANIOTOMY FORCEPS, HOOKS, ETC.



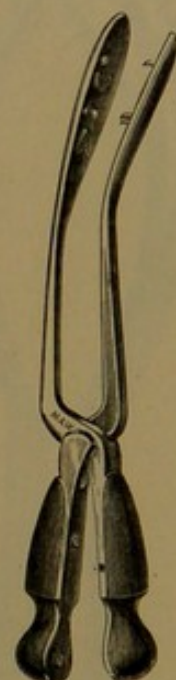
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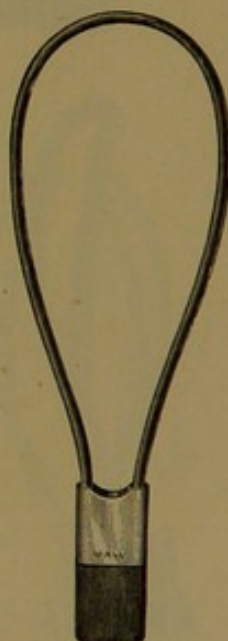
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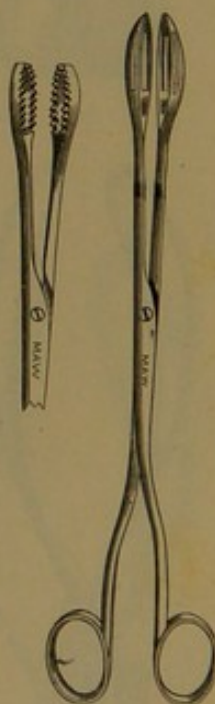
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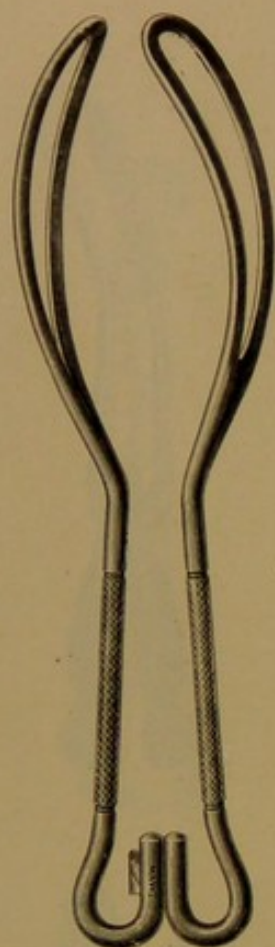
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- Fig. 9. BARNES' IMPROVED.
 Fig. 10. MURPHY'S.
 Fig. 11. PRIESTLEY'S.
 Fig. 12. RAMSBOTHAM'S.
 Fig. 13. WALLER'S.

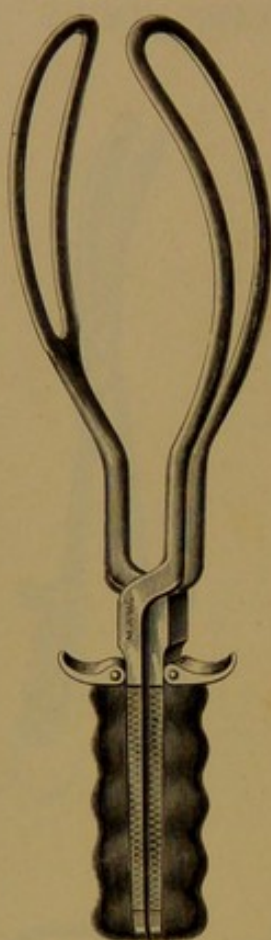
- Fig. 14. FILLET.
 Fig. 15. FORCEPS, OVUM.
 Fig. 16. HOOK, DECAPITATING, LEVER'S.
 Fig. 17. HOOK, DECAPITATING, RAMSBOTHAM'S.

Fig. 1, page 256, read HALL DAVIS' for BARNES'.

OBSTETRIC FORCEPS.



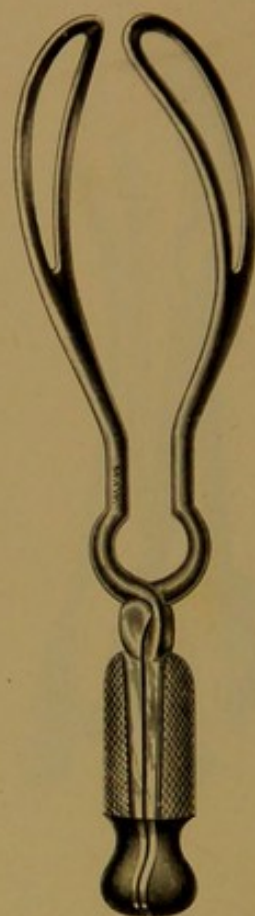
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Fig. 1. ASSALINI'S.
Fig. 2. BARCLAY'S.
Fig. 3. BARNES'.

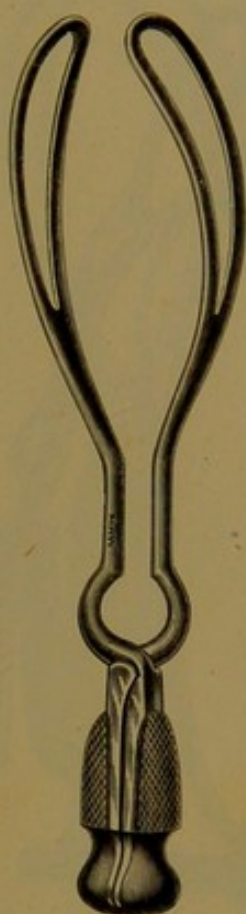
Fig. 4. BARNES', WITH MORGAN'S
TRACTORS.
Fig. 5. BRAITHWAITE'S.

Fig. 6. CLARKE'S.
Fig. 7. CLARKE'S, CURVED
HANDLE.

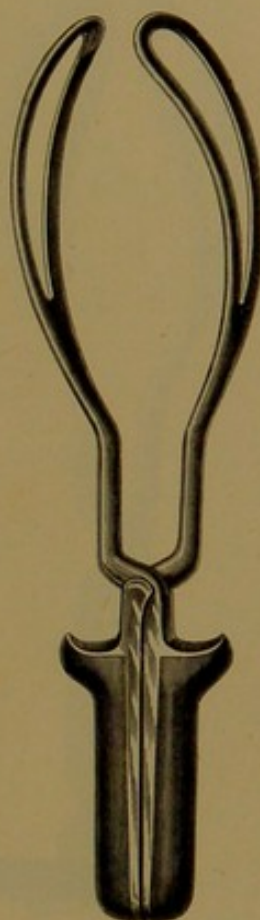
OBSTETRIC FORCEPS (Continued).



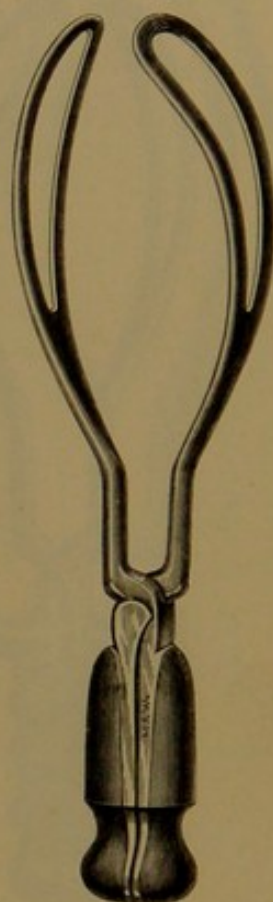
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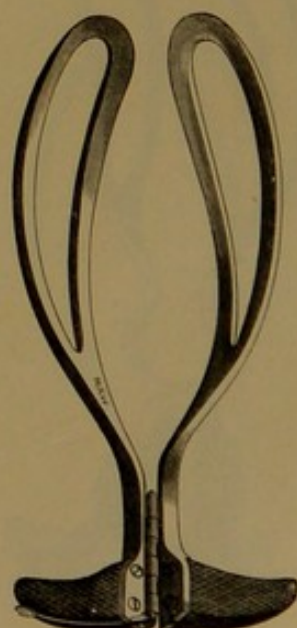
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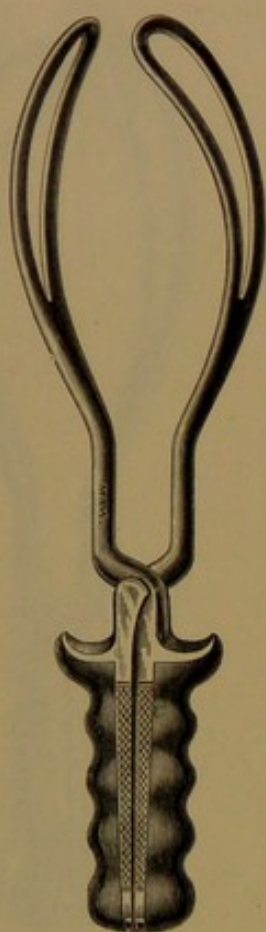
Fig. 8. BEATTY'S.
Fig. 9. BLUNDELL'S.

Fig. 10. CHURCHILL'S.
Fig. 11. DENMAN'S.

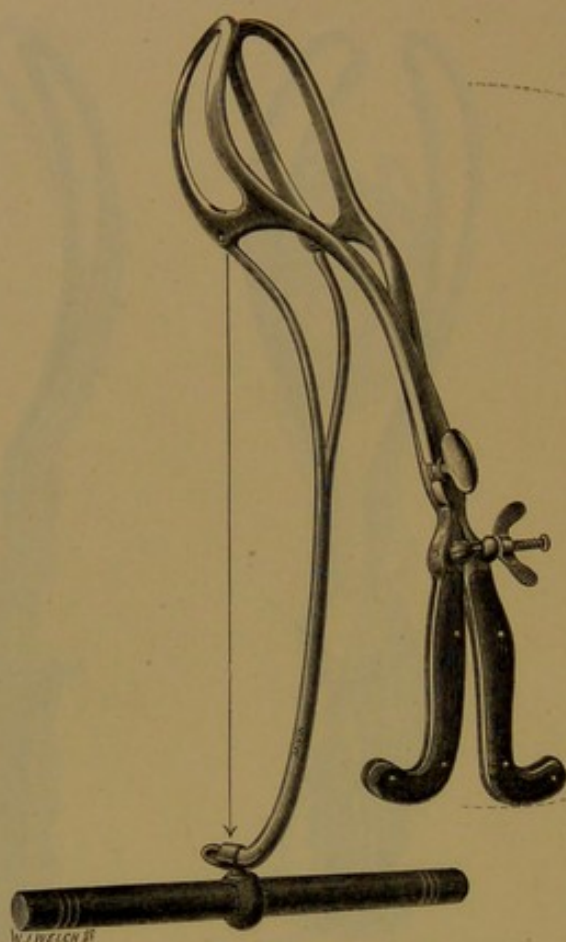
Fig. 12. DRAPER'S.
Fig. 13. GALABIN'S.

Fig. 14. LEVER'S.
Fig. 15. RAMSBOTHAM'S.

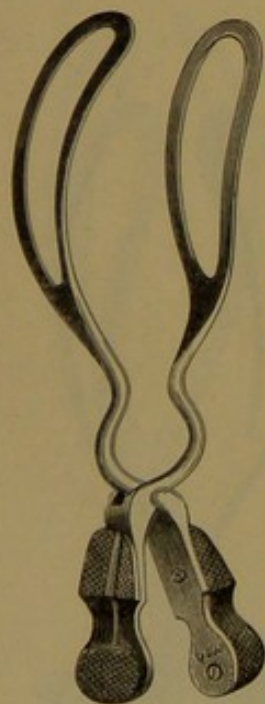
OBSTETRIC FORCEPS (Continued).



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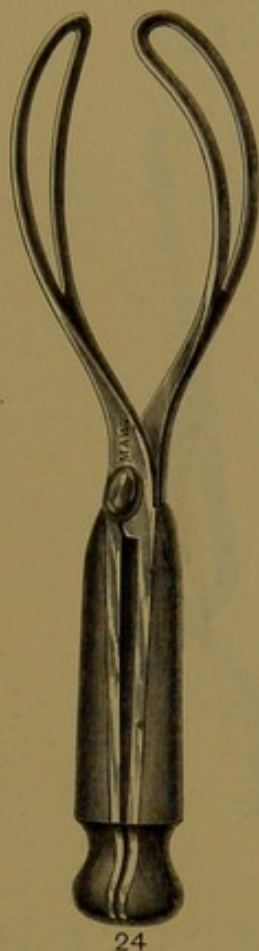
Fig. 16. GREENHALGH'S.
 Fig. 17. HEWITT'S.
 Fig. 18. INGLIS'.

Fig. 19. MADDEN'S.
 Fig. 20. SIMPSON'S.
 Fig. 21. TARNIER'S.

OBSTETRIC FORCEPS (Continued).



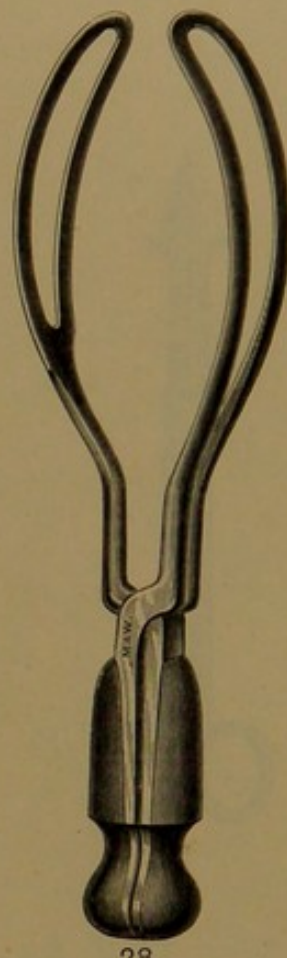
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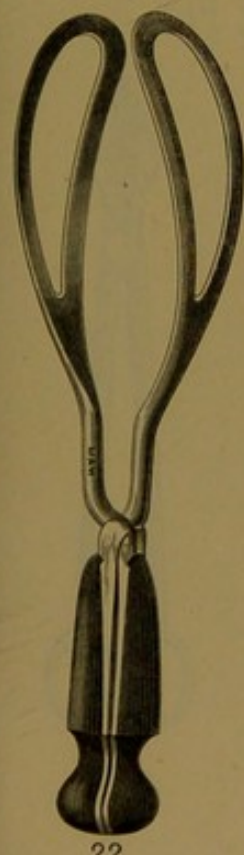
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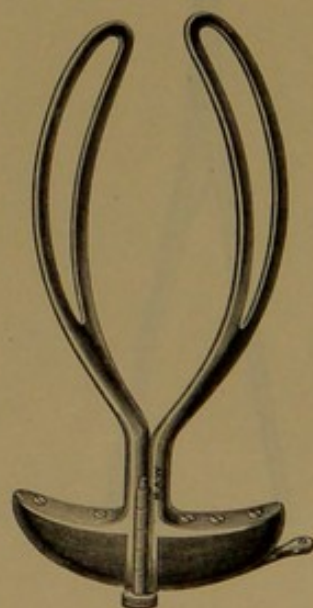
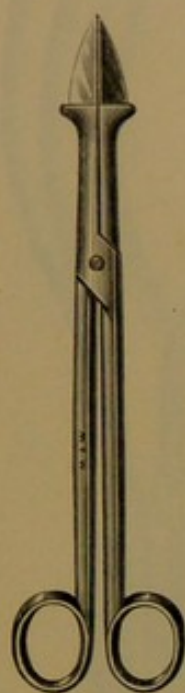


Fig. 22. MURPHY'S.
Fig. 23. PAGAN'S.

Fig. 24. RIGBY'S.
Fig. 25. SIMPSON'S SHORT.
Fig. 26. VACHER'S.

Fig. 27. WALLER'S.
Fig. 28. ZIEGLER'S.

PERFORATORS.



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Fig. 1. DENMAN'S.
 Fig. 2. GREENHALGH'S.
 Fig. 3. HOLMES'.
 Fig. 4. OLDHAM'S.

Fig. 5. RIGBY'S.
 Fig. 6. SIMPSON'S.
 Fig. 7. SMELLIE'S, CURVED.
 Fig. 8. SMELLIE'S, STRAIGHT.

SECTION XI.



DISLOCATION, FRACTURE, AND
DEFORMITY APPARATUS.

CONTENTS OF SECTION XI.

APPLIANCES FOR ARTIFICIAL ARMS, HANDS,
ETC.

APPLIANCES FOR TALIPES.

ARM SLINGS.

ARM SOCKETS.

ARM SPLINTS.

ARTIFICIAL ARMS AND HANDS.

ARTIFICIAL FEET AND LEGS.

BED CLOTHES FRAMES.

BONNET'S SPLINTS.

CHEST EXPANDERS.

CLAVICLE APPARATUS, ELLIS'.

CORK SOLE BOOT.

CRADLES.

CRUTCH STICKS.

CRUTCHES.

DISLOCATION BANDAGES.

DISLOCATION PULLEYS.

ELBOW SPLINTS.

EXCISION APPARATUS.

EXTENSION APPARATUS.

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FOOT REST.

FOOT SLING.

HAND SPLINTS.

HUMERUS SPLINTS.

INSTRUMENTS FOR INFANTILE PARALYSIS.

INSTRUMENTS FOR WRITERS' SPASM.

INSTRUMENTS FOR WRY NECK.

JURY MAST FOR POTT'S DISEASE, SAYRE'S.

KNEE SPLINTS.

LEG SPLINTS.

LEG AND THIGH SPLINTS.

LEG SUPPORTS AND BOOTS.

LONSDALE'S SPLINT FOR FRACTURED PATELLA.

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MAW'S APPARATUS FOR FRACTURED NOSE.

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POROPLASTIC APPLIANCES.

POROPLASTIC SPLINTS.

RADIUS SPLINTS.

SAYRE'S APPARATUS.

SAYRE'S TRIPOD AND SUSPENSION APPARATUS.

SPINE APPARATUS.

SPLINTS FOR FRACTURED PATELLA.

STOUT LEATHER CAP FOR DISLOCATED OR FRACTURED PATELLA.

STOUT LEATHER CAP FOR DISLOCATED SHOULDER.

SUPPORTS FOR DISPLACEMENT OF TIBIA.

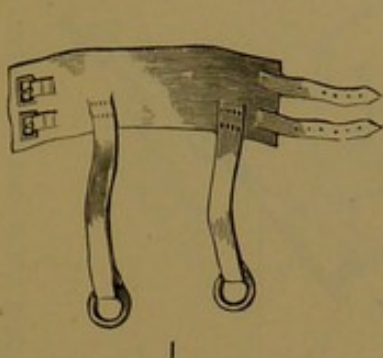
SUPPORTS FOR INWARD AND OUTWARD CURVATURE.

TENOTOMY SPLINT.

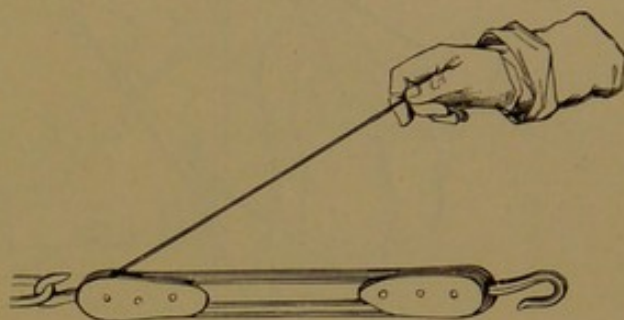
VALGUS PLATE.

VARUS PLATE.

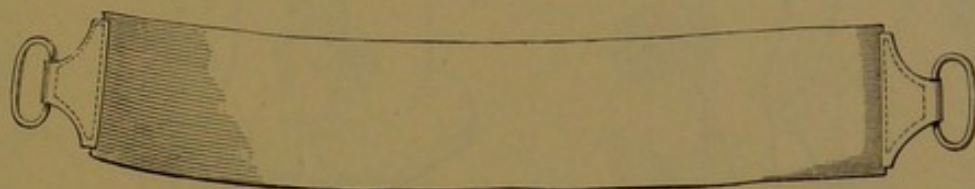
DISLOCATION APPARATUS.



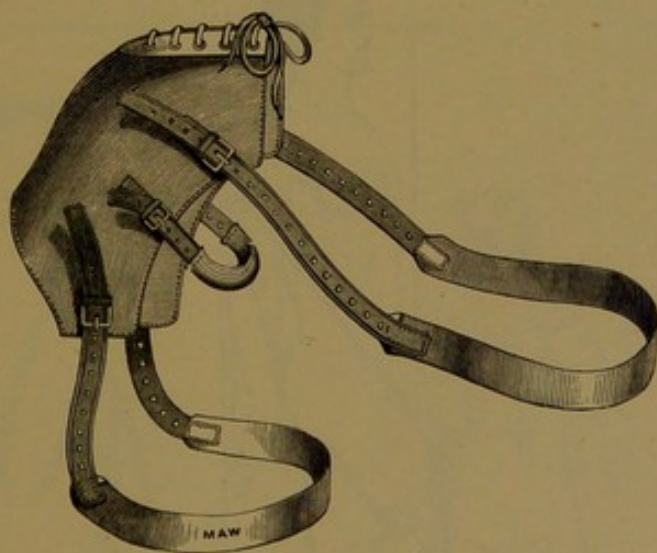
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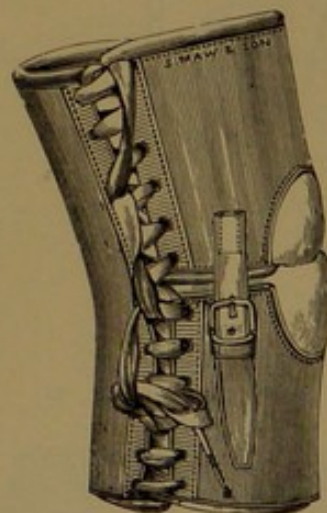
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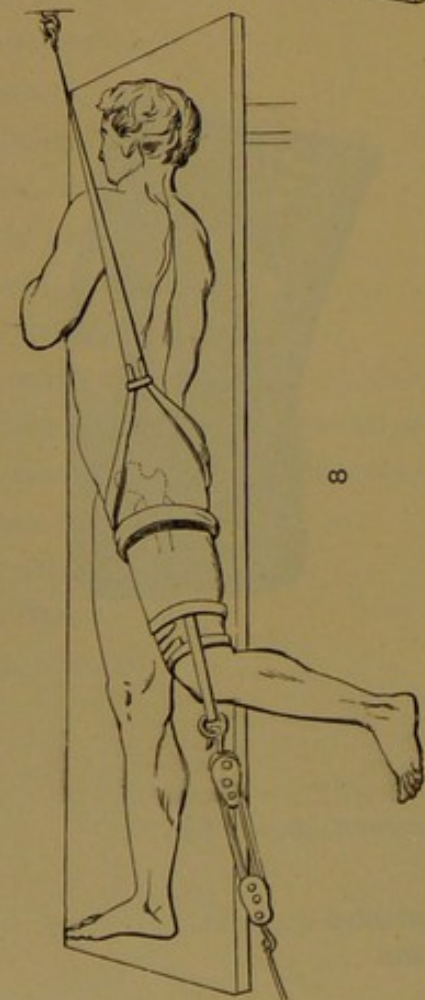
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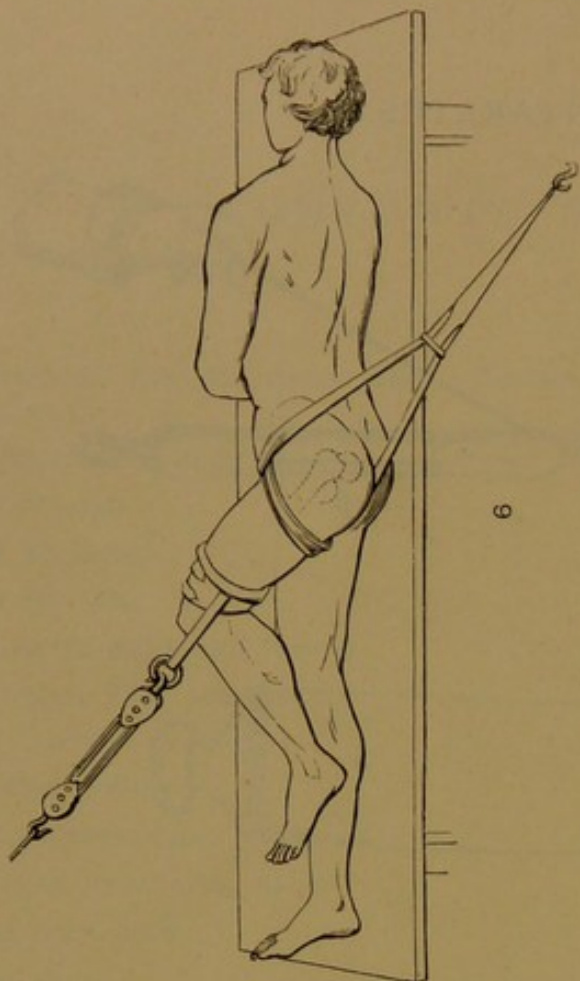
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- Fig. 1. } BANDAGES FOR USE WITH PULLEYS. (See Illustrations, page 266.)
 Fig. 2. }
 Fig. 3. PULLEYS.
 Fig. 4. STOUT LEATHER CAP FOR DISLOCATED OR FRACTURED PATELLA.
 Fig. 5. STOUT LEATHER CAP FOR DISLOCATED SHOULDER.

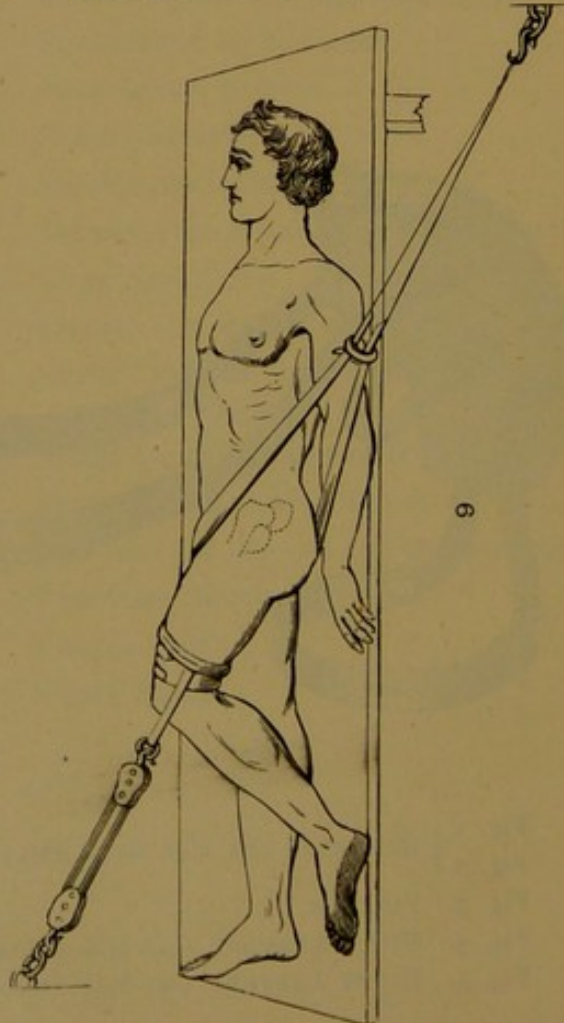
DISLOCATION APPARATUS (Continued).



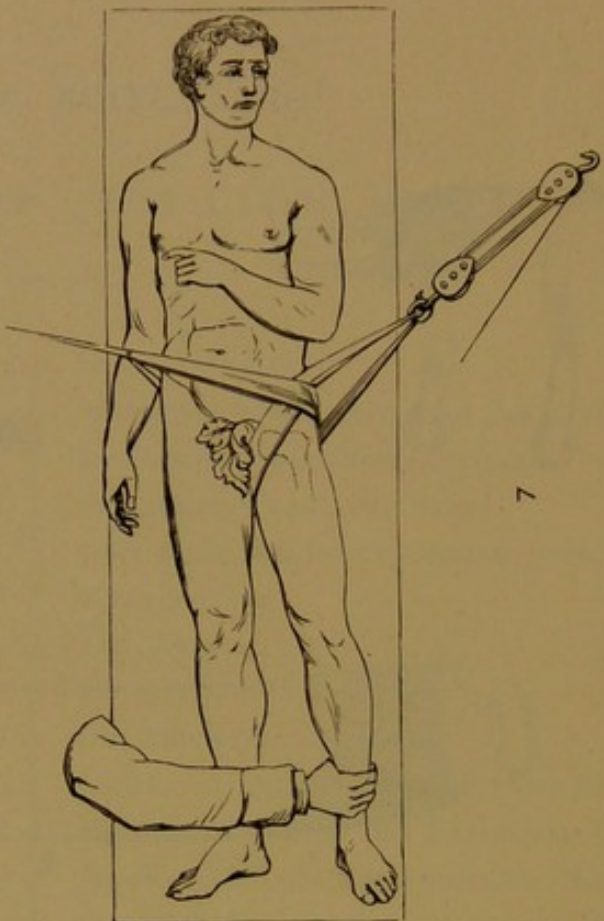
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Fig. 6. TO REDUCE A DISLOCATION INTO THE SCIATIC NOTCH.

Fig. 7. TO REDUCE A DISLOCATION INTO THE FORAMEN OVALE.

Fig. 8. TO REDUCE A DISLOCATION UPON THE OS PUBIS.

Fig. 9. TO REDUCE A DISLOCATION OF THE HEAD OF THE FEMUR UPON THE DORSUM ILLI.

CHEST EXPANDERS, CLAVICLE APPARATUS, FOOT SLING, AND REST.

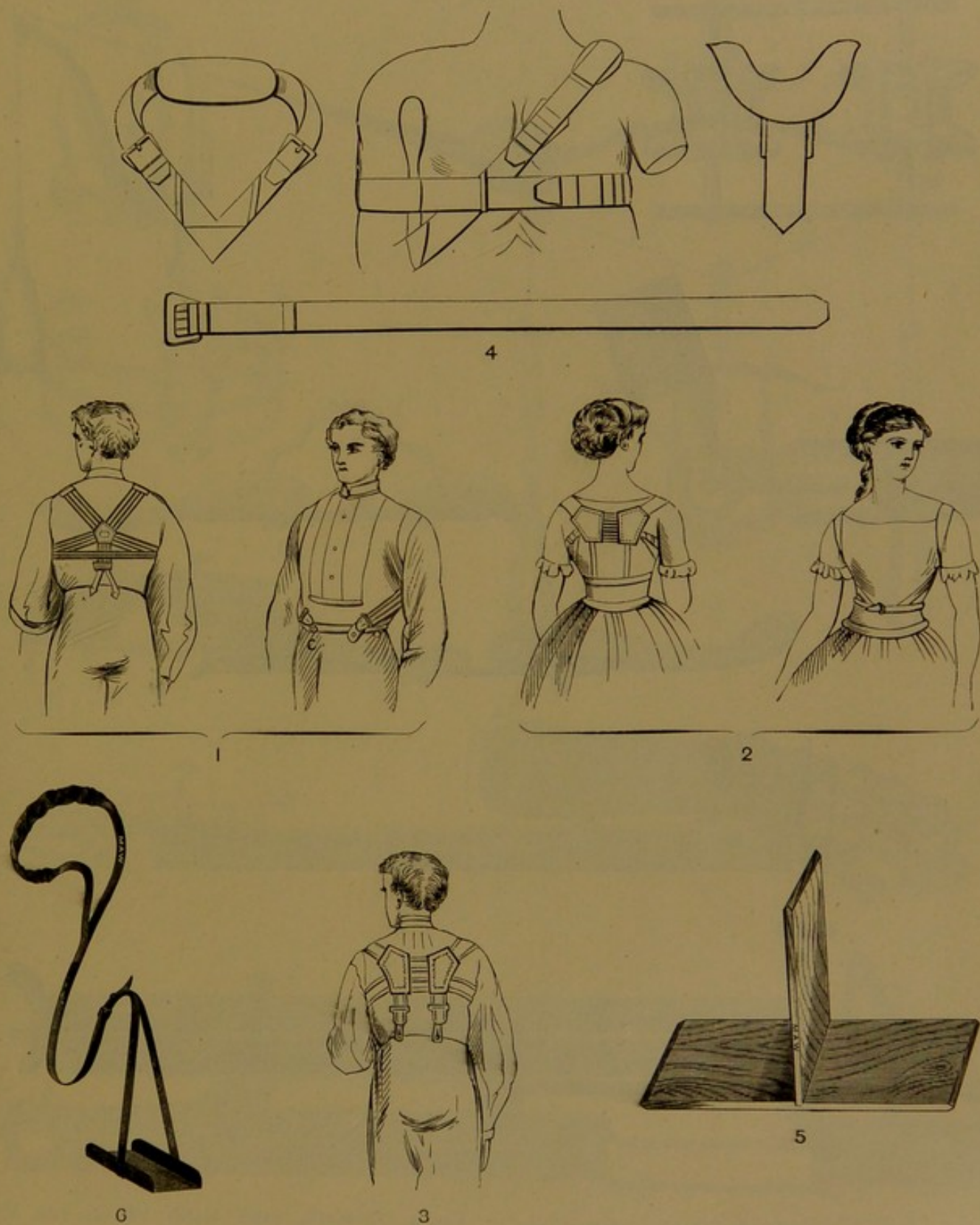


Fig. 1. CHEST EXPANDER.
 Fig. 2. } CHEST EXPANDERS, WITH STEEL PLATES
 Fig. 3. } AT BACK.

Fig. 4. CLAVICLE APPARATUS, ELLIS'.
 Fig. 5. FOOT REST.
 Fig. 6. FOOT SLING.

EXCISION AND EXTENSION APPARATUS.

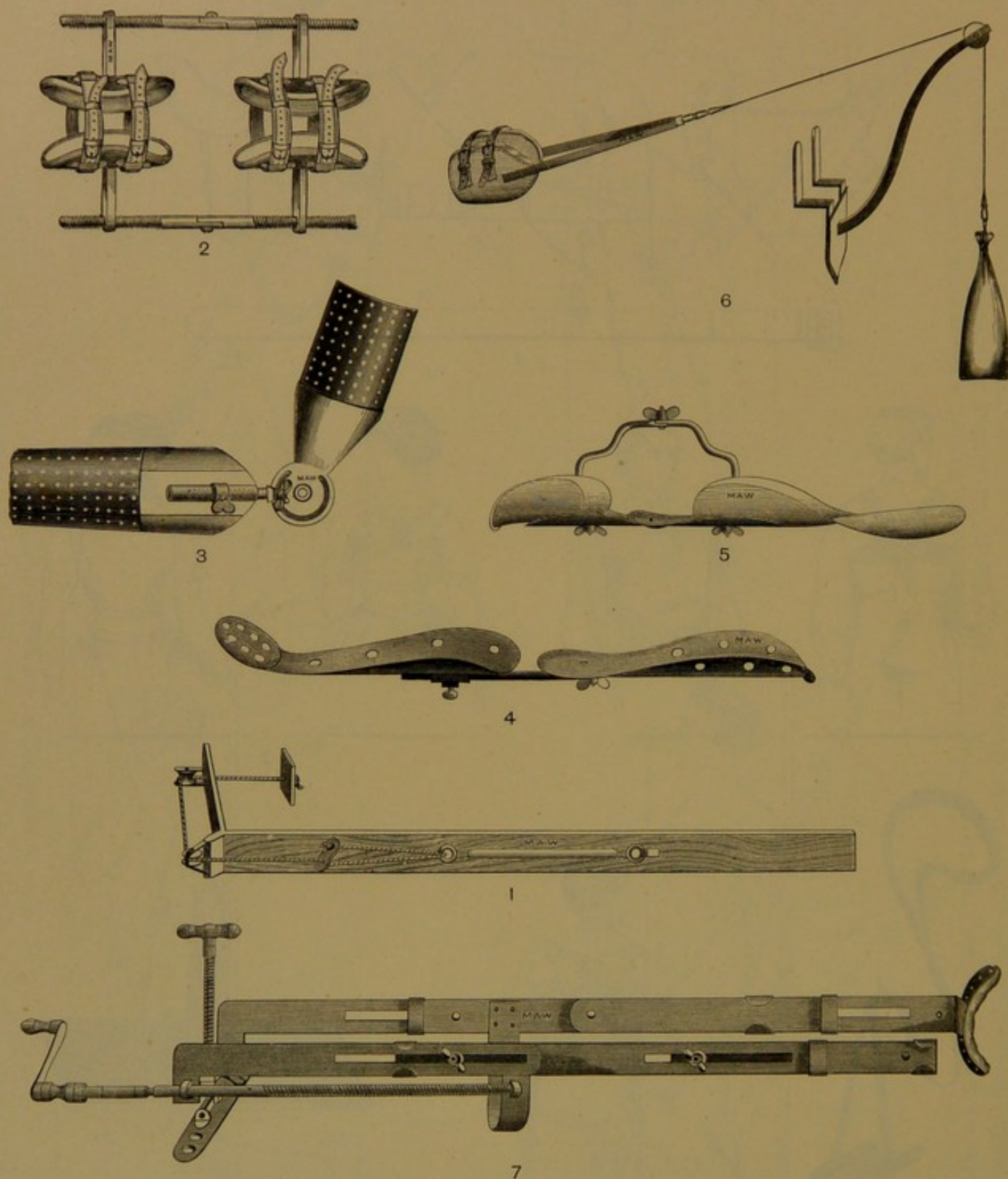


Fig. 1. CAMPBELL DE MORGAN'S, FOR DISEASE OF HIP-JOINT.

Fig. 2. HEATH'S, FOR EXCISION OF ELBOW.

Fig. 3. MASON'S, FOR EXCISION OF ELBOW.

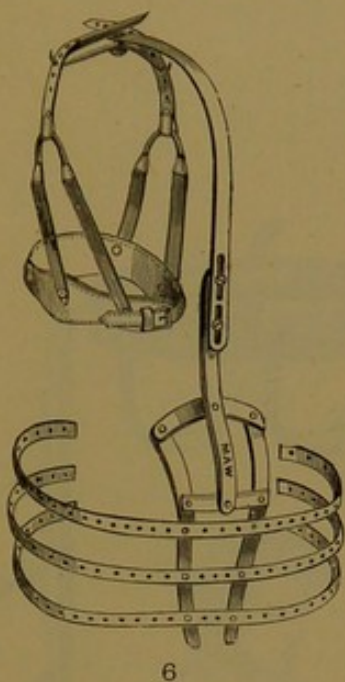
Fig. 4. MASON'S, WITH HAND PLATE, FOR EXCISION OF ELBOW.

Fig. 5. MAW'S, FOR EXCISION OF ELBOW.

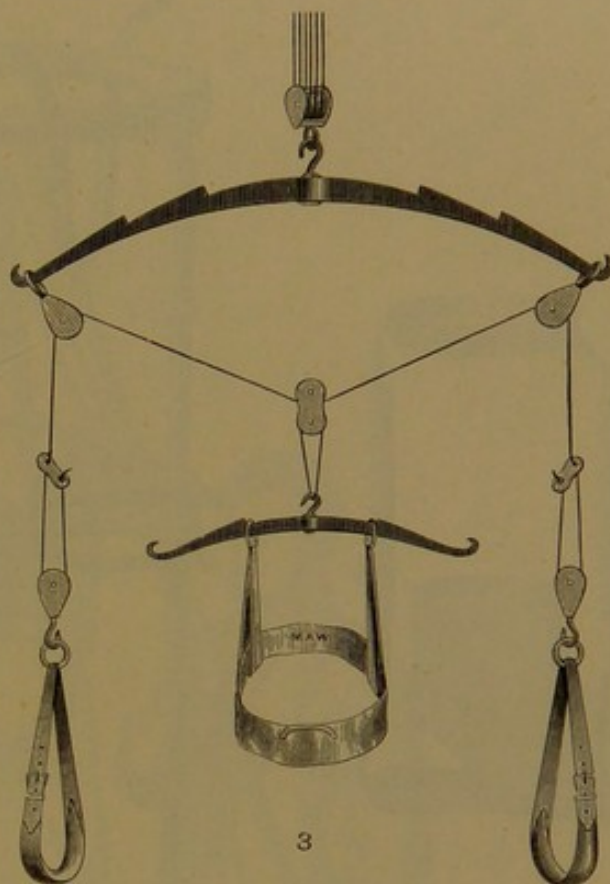
Fig. 6. MAW'S, FOR EXTENSION, WITH BRACKET TO FIX ON BEDSTEAD.

Fig. 7. STOKES', FOR EXTENSION.

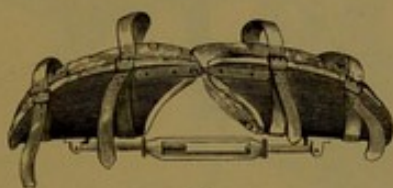
EXTENSION AND SUSPENSION APPARATUS.



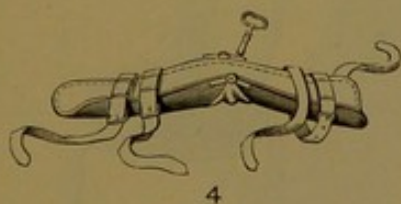
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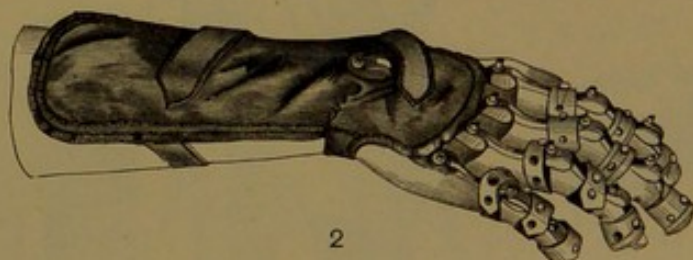
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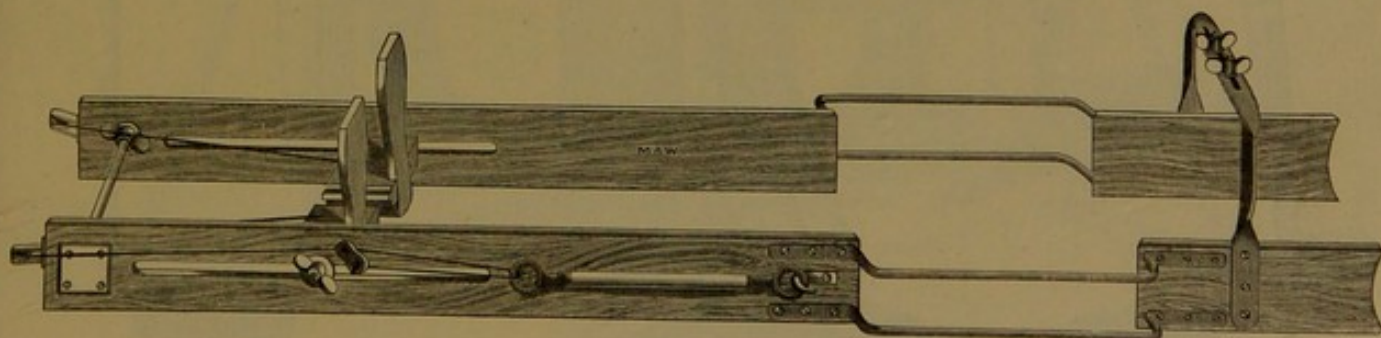
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Fig. 1. BRYANT'S SPLINT FOR PARALLEL EXTENSION.

Fig. 2. CONTRACTED FINGER SPLINT.

Fig. 3. GOLDING BIRD'S SUSPENSION APPARATUS.

Fig. 4. KNEE SPLINT, WITH RACK.

Fig. 5. KNEE SPLINT, WITH SCREW.

Fig. 6. SAYRE'S JURY MAST, FOR POTT'S DISEASE OF THE SPINE.

SAYRE'S APPARATUS.

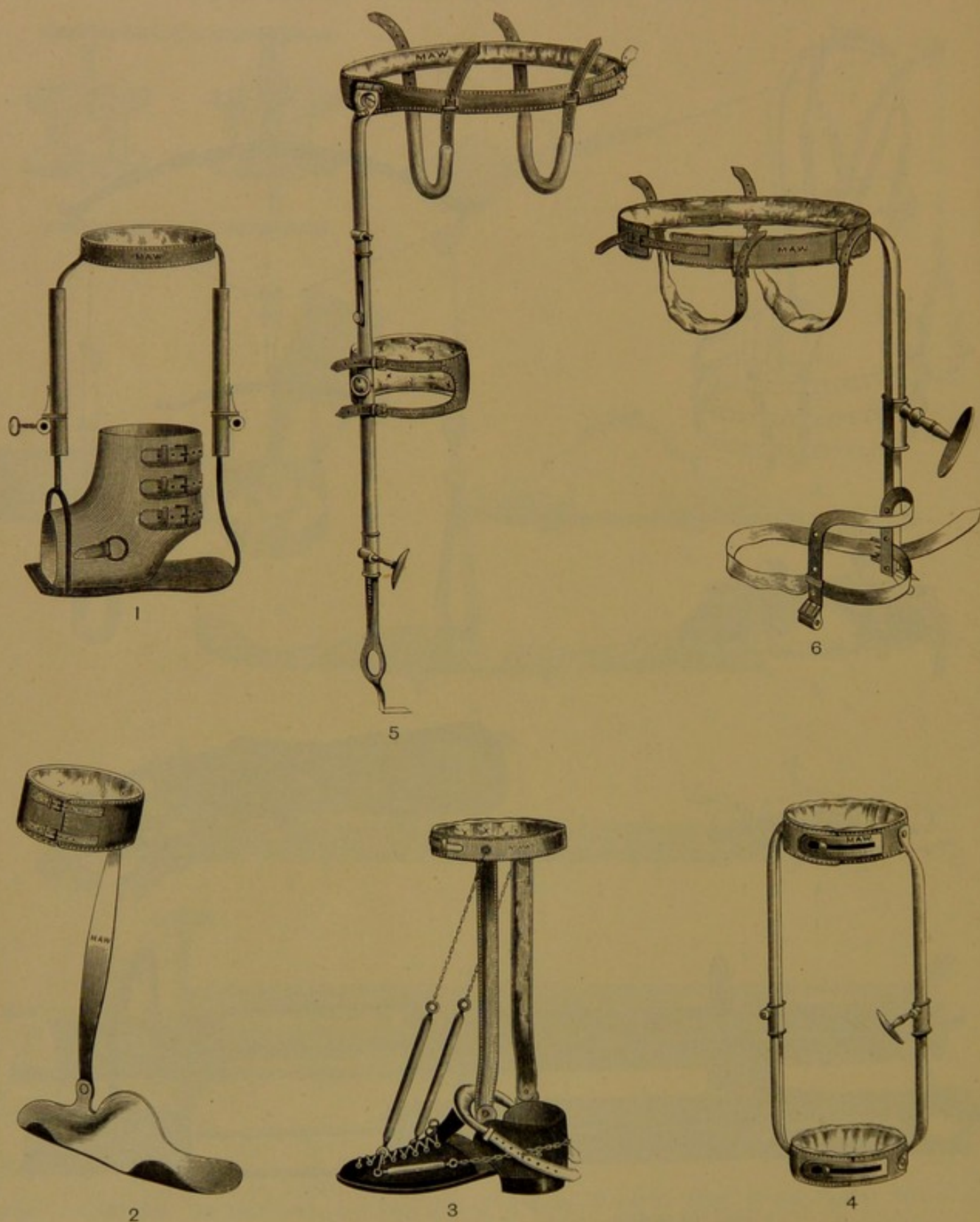
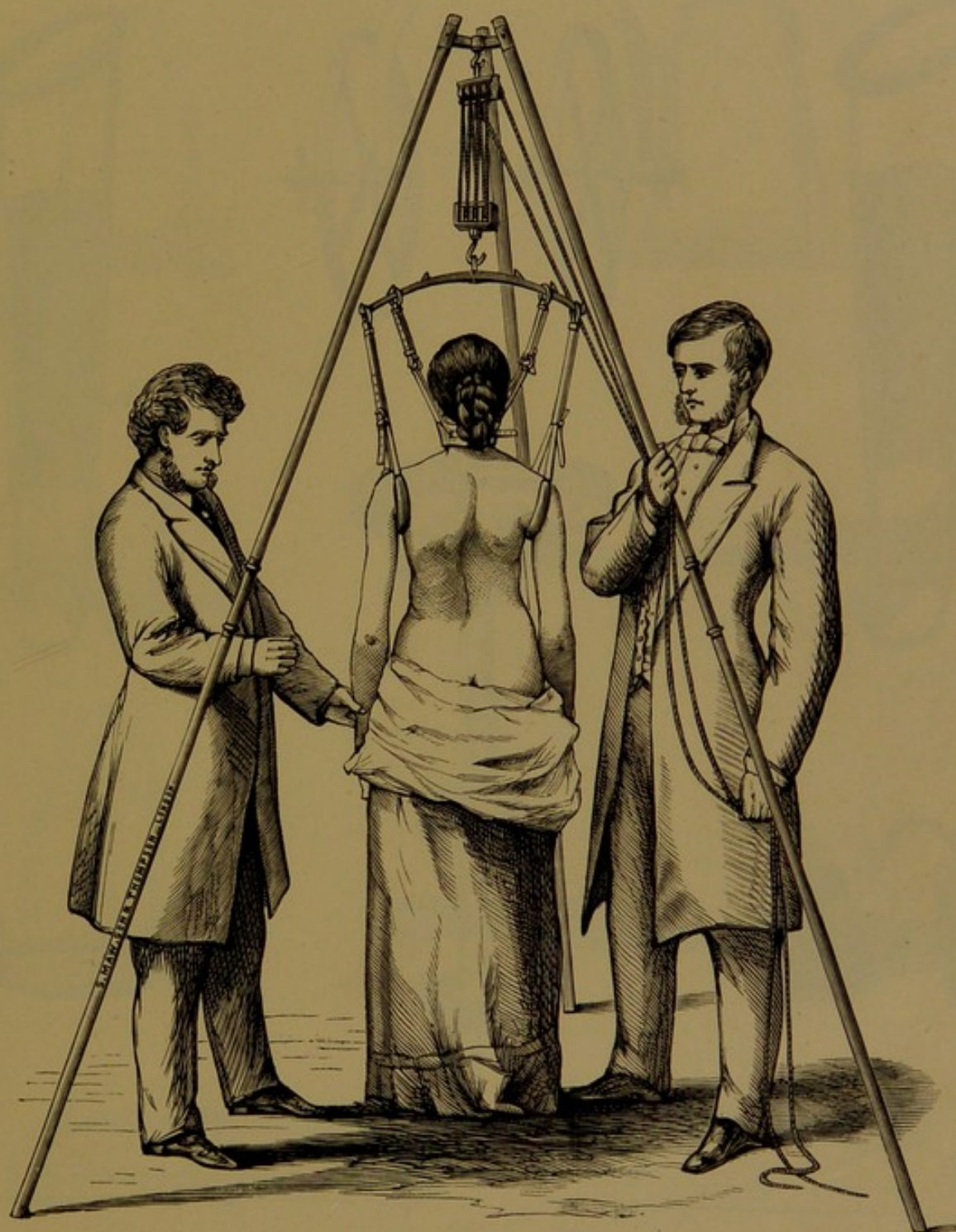


Fig. 1. FOOT SPLINT FOR EXTENSION.
 Fig. 2. FOOT SPLINT FOR TALIPES VALGUS.
 Fig. 3. FOOT SPLINT FOR TALIPES VARUS.

Fig. 4. KNEE SPLINT FOR EXTENSION.
 Fig. 5. SPLINT FOR EXTENSION AND ABDUCTION.
 Fig. 6. SPLINT FOR EXTENSION OF HIP.

SAYRE'S APPARATUS (Continued).



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Fig. 7. TRIPOD, PULLEYS, CROSS-BAR, LEATHER BAND FOR CHIN AND OCCIPUT, ETC., FOR SUSPENSION, WHEN APPLYING THE PLASTER OF PARIS JACKET.

H. O. THOMAS' EXTENSION APPARATUS, ETC.

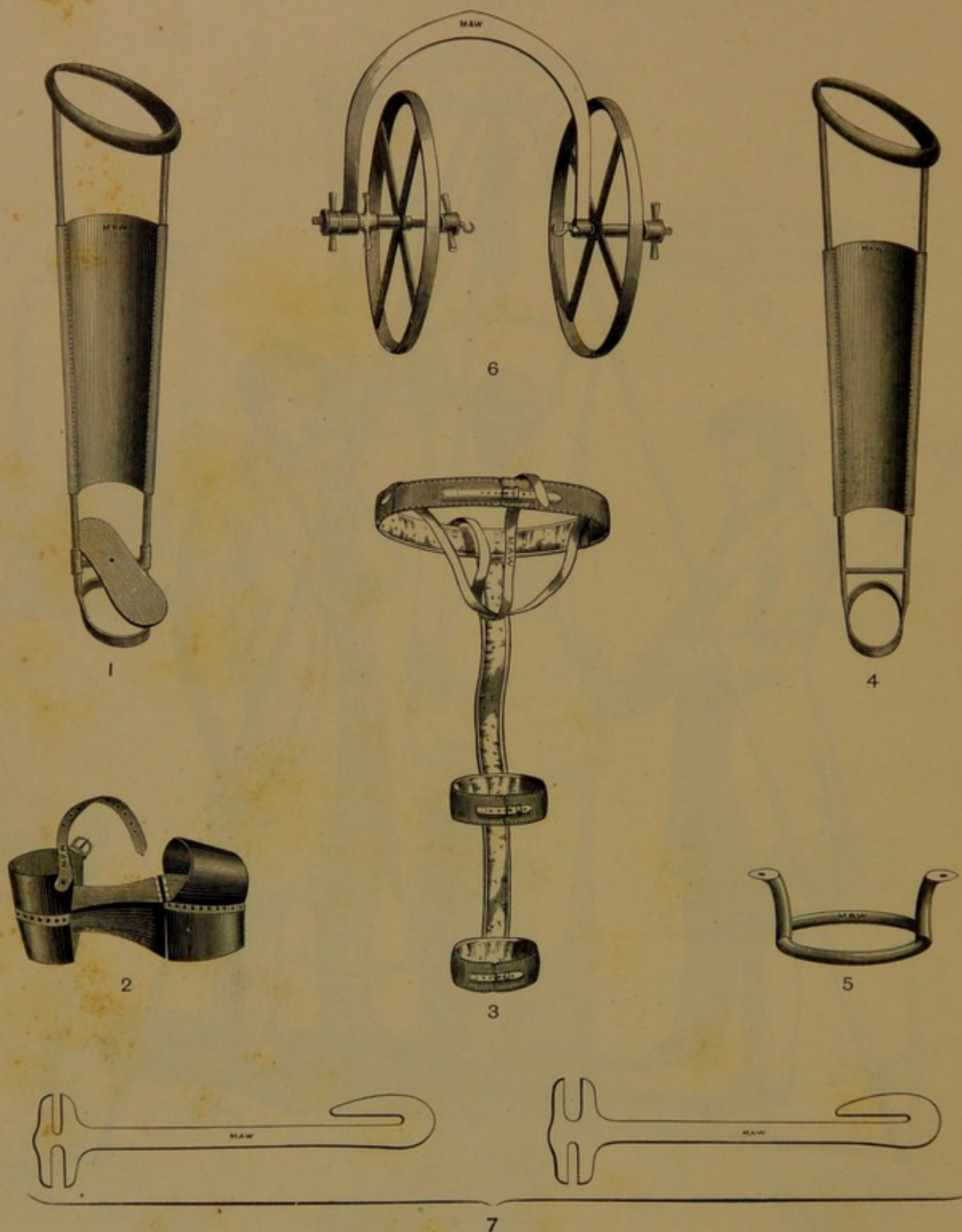
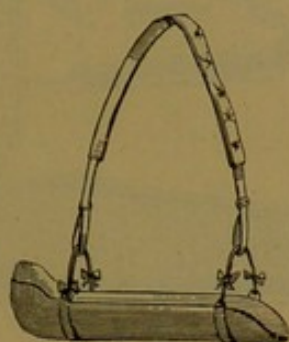


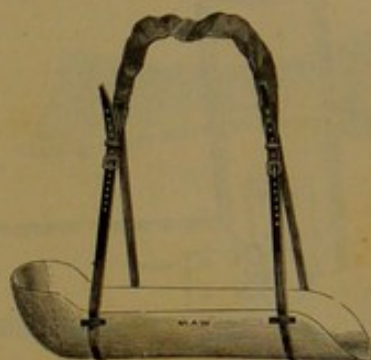
Fig. 1. ANKLE SPLINT, WITH FOOT-PIECE.
 Fig. 2. CLOG.
 Fig. 3. HIP SPLINT, APPLIED POSTERIORLY.
 Fig. 4. KNEE SPLINT, WITHOUT FOOT-PIECE.

Fig. 5. PATTEN.
 Fig. 6. SPLINT CARRIER.
 Fig. 7. WRENCHES.

ARM SLINGS, SPLINTS, AND HOOKS FOR FRACTURED PATELLA.



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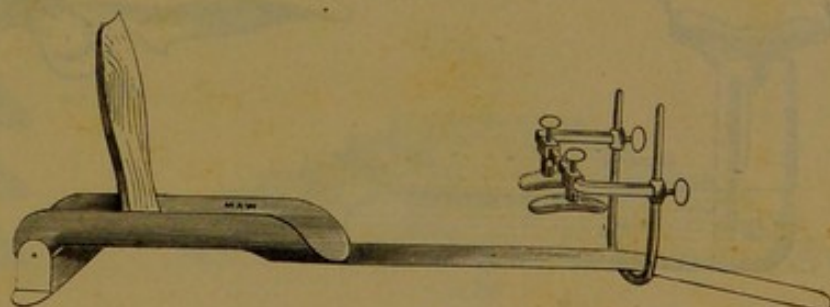
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Fig. 1. ARM SLING, LEATHER, WITH ELBOW.

Fig. 2. ARM SLING, LEATHER, WITHOUT ELBOW.

Fig. 3. ARM SLING, LEATHER, WITH SLIDE FOR ELONGATING.

Fig. 4. ARM SLING, WIRE GAUZE, WITH ELBOW.

Fig. 5. HOOKS FOR FRACTURED PATELLA, MALGAIGNE'S.

Fig. 6. SPLINT FOR FRACTURED PATELLA, FERGUSON'S.

Fig. 7. SPLINT FOR FRACTURED PATELLA, LONSDALE'S.

ARM, ELBOW, FINGER, HAND, AND RADIUS SPLINTS.

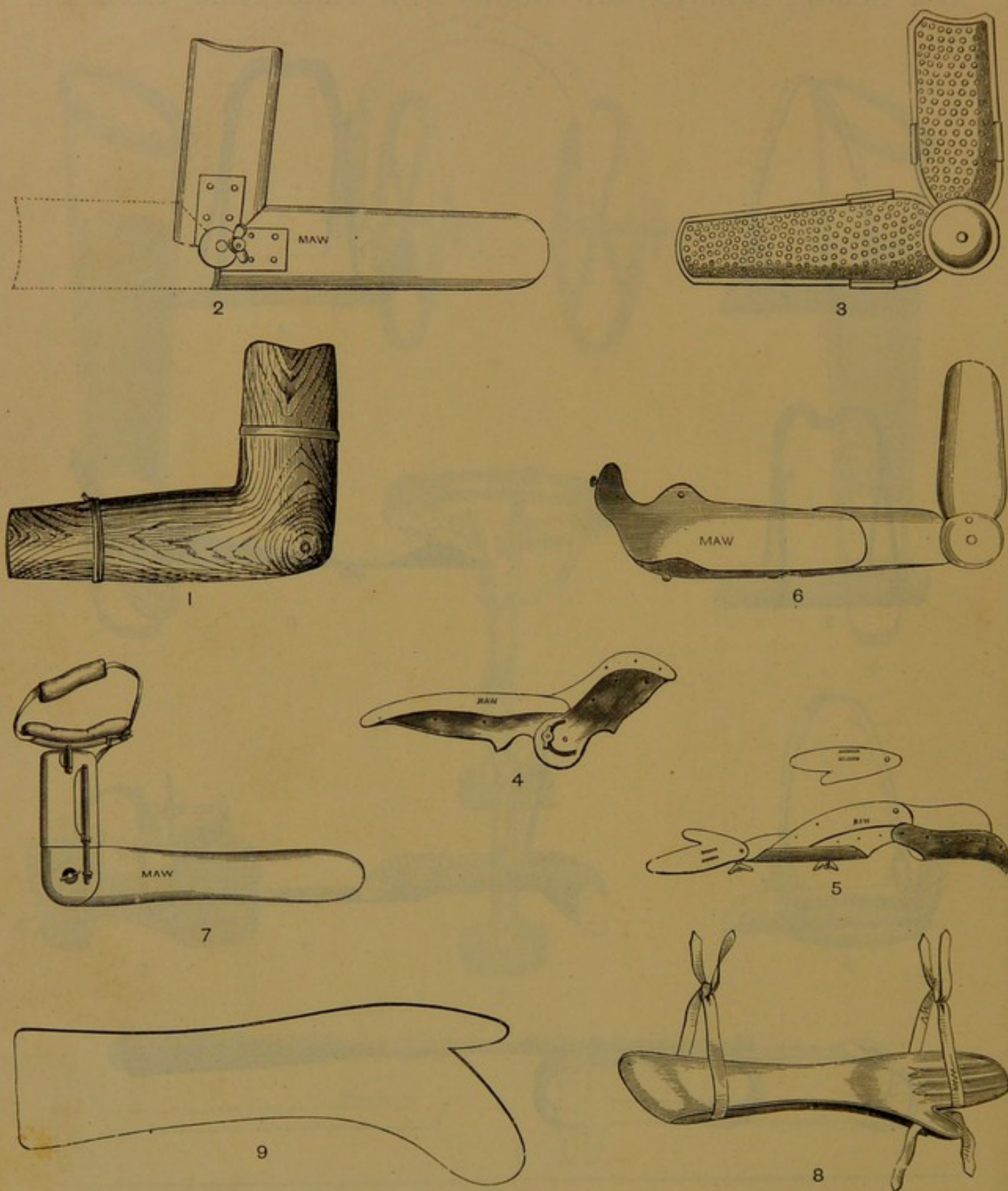


Fig. 1. ARM, WOOD.

Fig. 2. ARM, WOOD, HINGED.

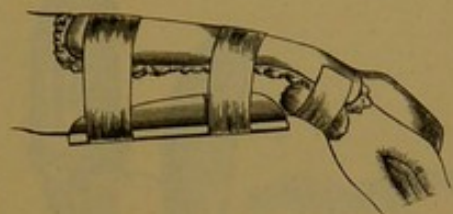
Fig. 3. ARM, ZINC, HINGED.

Fig. 4. ELBOW, WINCHESTER'S.

Fig. 5. ELBOW, WINCHESTER'S, WITH
PLATE FOR RADIUS.Fig. 6. HUMERUS, WITH SLIDE FOR
LENGTHENING THE PLATE.Fig. 7. HUMERUS, WITH AXILLA
PAD AND SHOULDER-
STRAP.

Fig. 8. PEMBERTON'S.

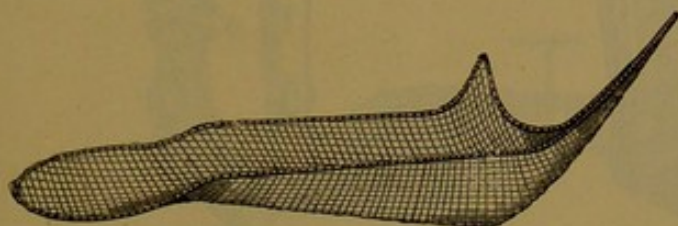
Fig. 9. RADIUS, NÉLATON'S.

ARM, ELBOW, FINGER, HAND, AND RADIUS SPLINTS (*Continued*).

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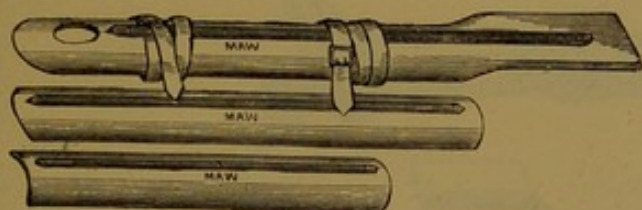
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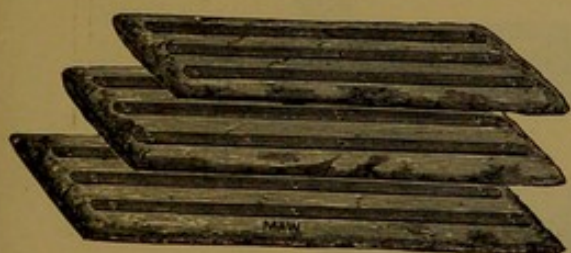
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Fig. 10. ARM, CLINE'S.

Fig. 11. ARM, "CRIMEAN."

Fig. 12. ARM, ZINC.

Fig. 13. ARM, FINGER, HAND, ETC., GOOCH'S LINED.

Fig. 14. ARM, FINGER, HAND, ETC., POTT'S.

Fig. 15. ARM, HAND, ETC., RATAN CANE.

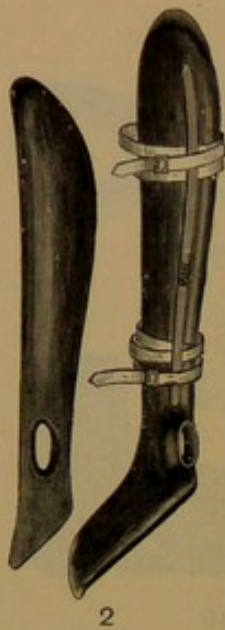
Fig. 16. ELBOW, BONNET'S.

Fig. 17. GORDON'S, FOR COLLES' FRACTURE.

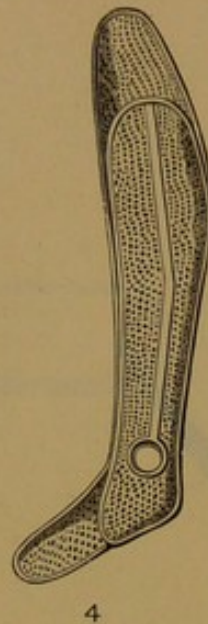
Fig. 18. RADIUS, BONNET'S.

Fig. 19. RADIUS, WATSON'S.

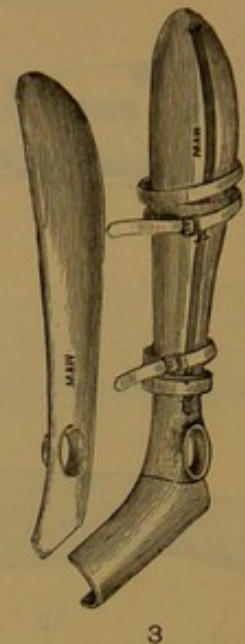
KNEE AND LEG SPLINTS.



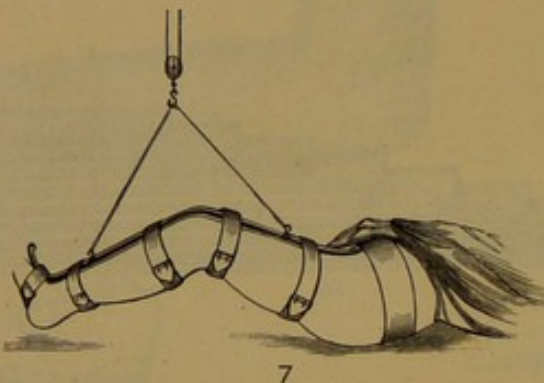
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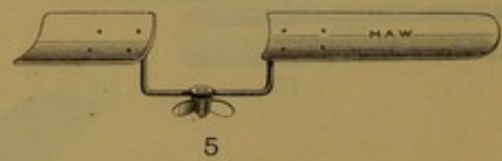
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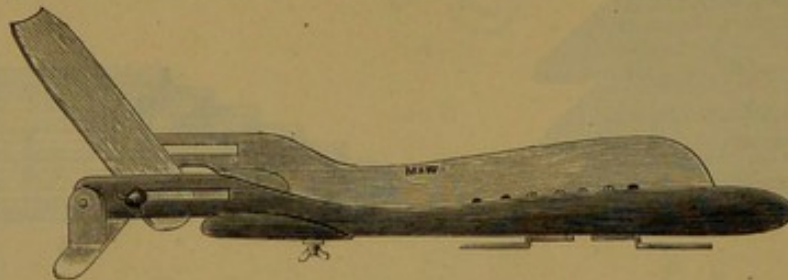
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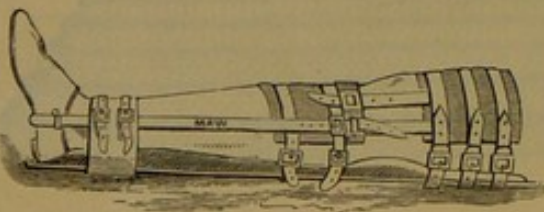
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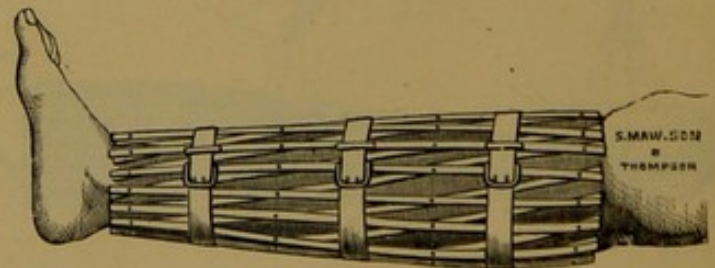
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Fig. 1. AMESBURY'S, FOR TRANSVERSE FRACTURE OF PATELLA.

Fig. 2. CLINE'S, IRON,
Fig. 3. CLINE'S, WOOD,
Fig. 4. CLINE'S, ZINC, } FOR POTT'S FRACTURE.

Fig. 5. INTERRUPTED KNEE.

Fig. 6. LEG, DUPUYTREN'S, WITH SLIDE HEEL PLATE.

Fig. 7. NATHAN SMITH'S, FOR ANTERIOR SUSPENSION.

Fig. 8. WYATT'S UNIVERSAL.

LEG AND THIGH SPLINTS.

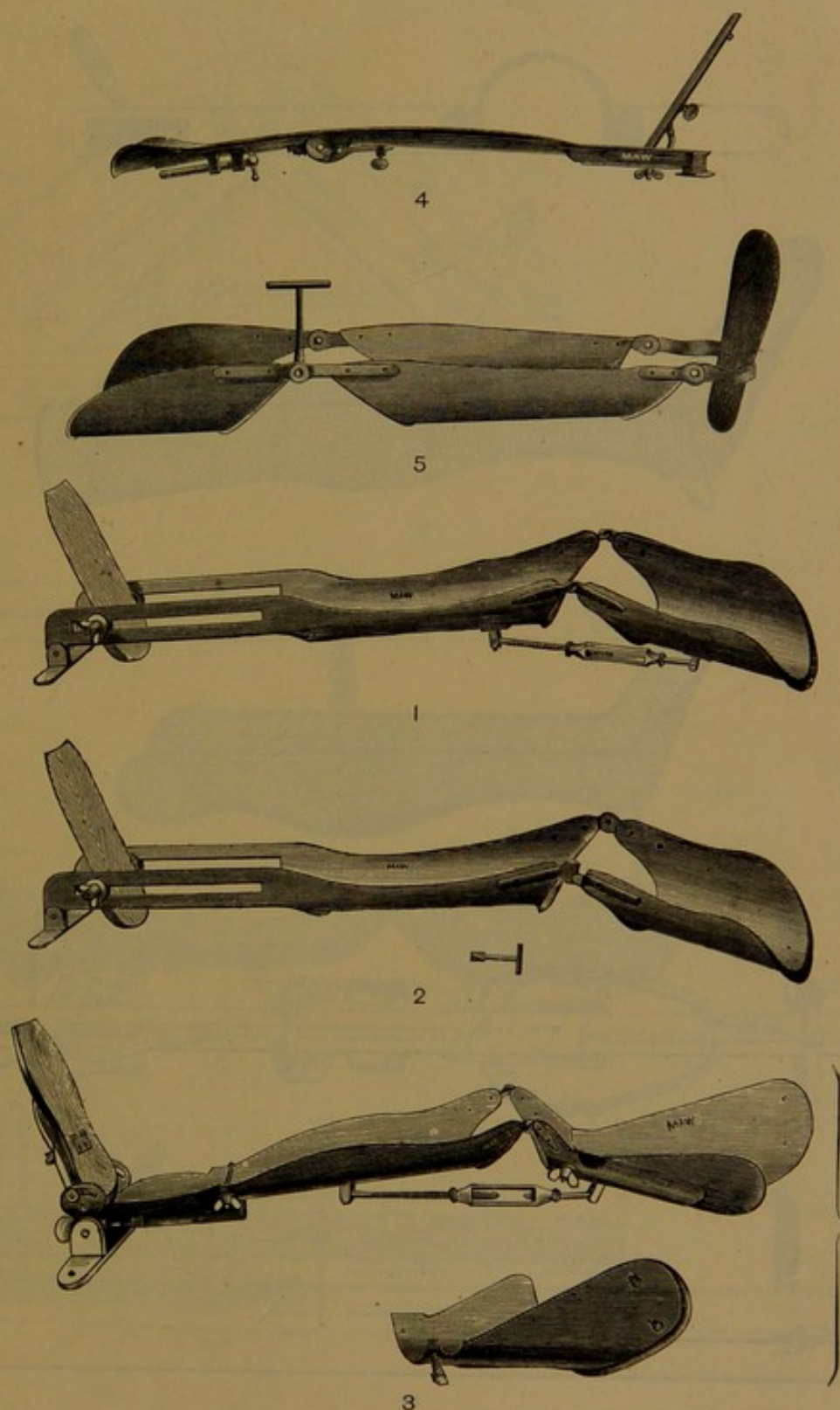


Fig. 1. LISTON'S, WITH ADJUSTING SCREW.

Fig. 2. LISTON'S, WITH RACK.

Fig. 3. LISTON'S, WITH SHIFTING THIGH-PIECES,
AND ADJUSTING SCREWS.

Fig. 4. MACINTYRE'S.

Fig. 5. WITH ADJUSTING RACK, USED AT ST. BARTHOLOMEW'S.

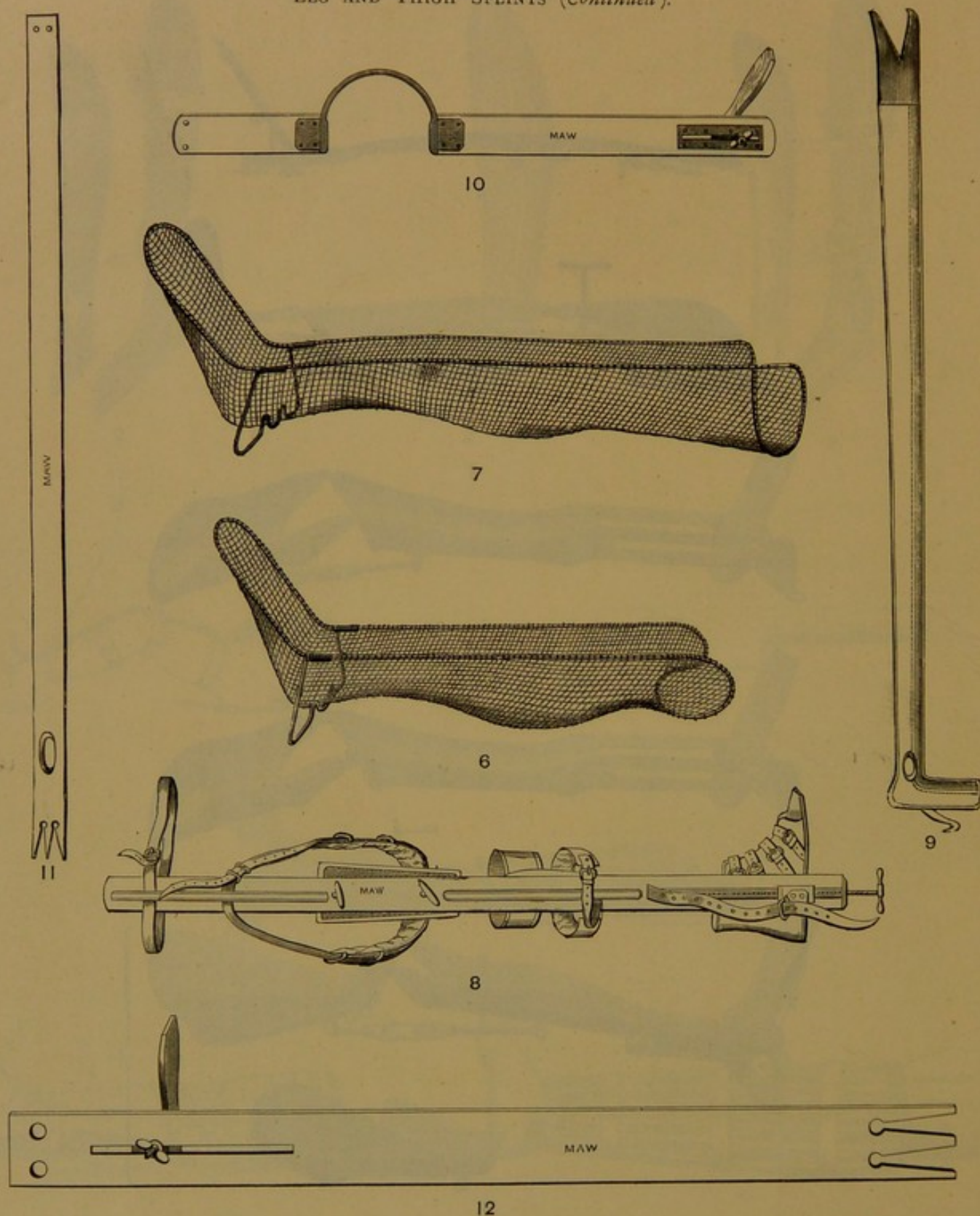
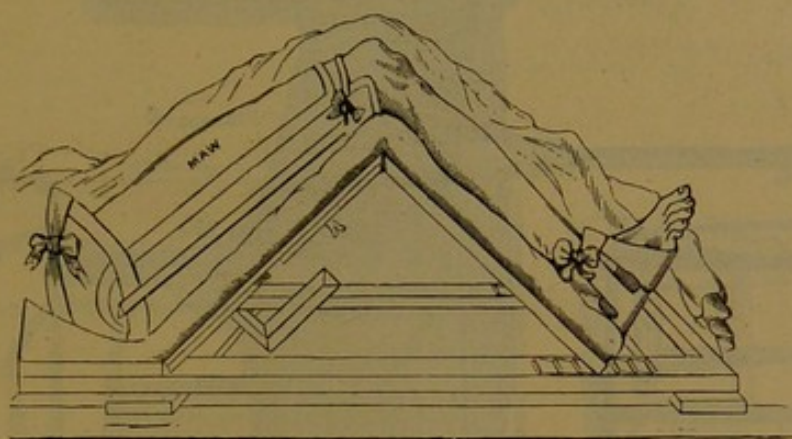
LEG AND THIGH SPLINTS (*Continued*).

Fig. 6. } BONNET'S.
 Fig. 7. }
 Fig. 8. BULLEY'S.
 Fig. 9. DESAULT'S.

Fig. 10. INTERRUPTED, WITH SHIFTING FOOT-PIECE.
 Fig. 11. LISTON'S.
 Fig. 12. LISTON'S, WITH MOVABLE FOOT-PIECE.

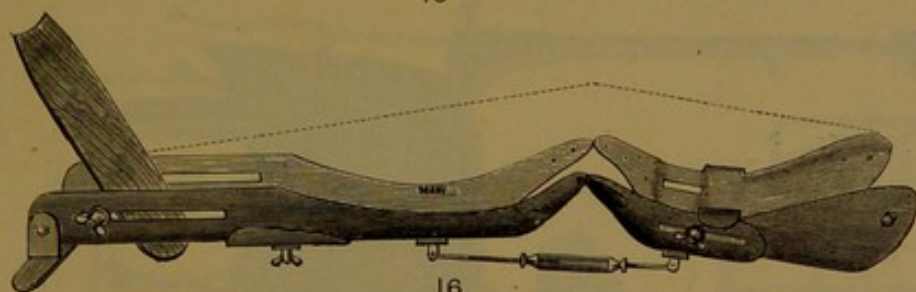
LEG AND THIGH SPLINTS (Continued).



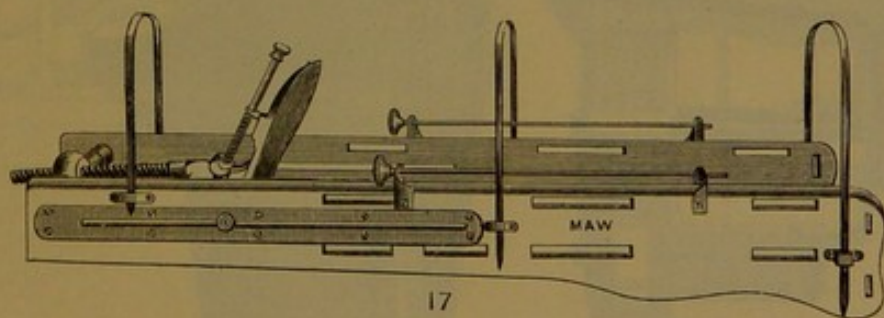
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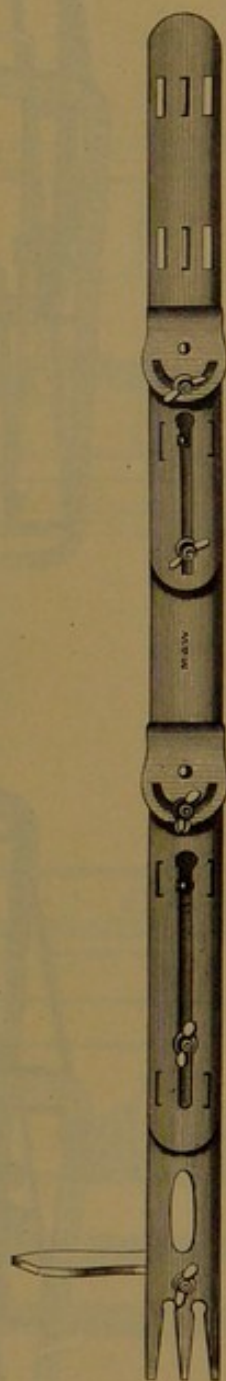
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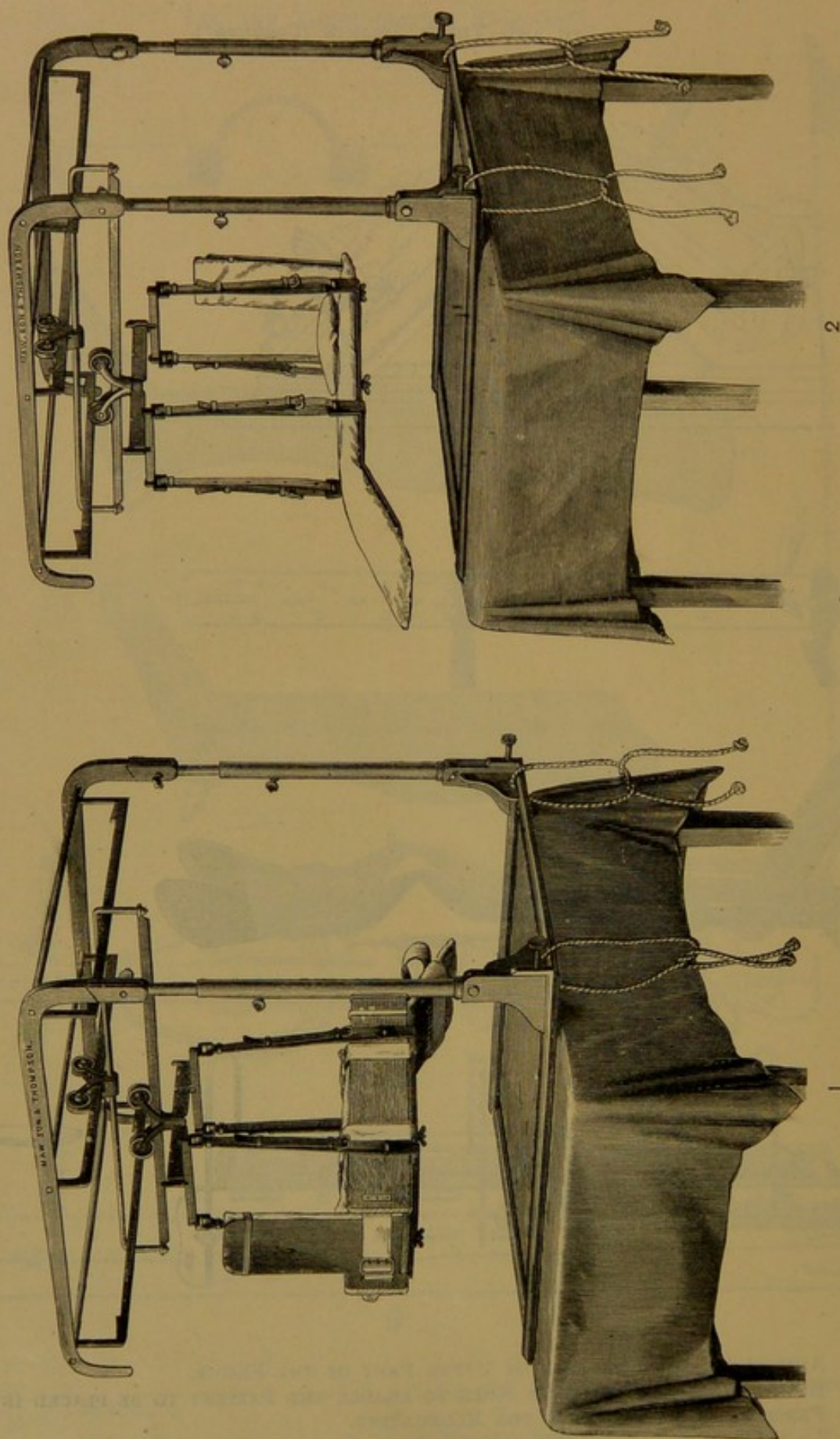
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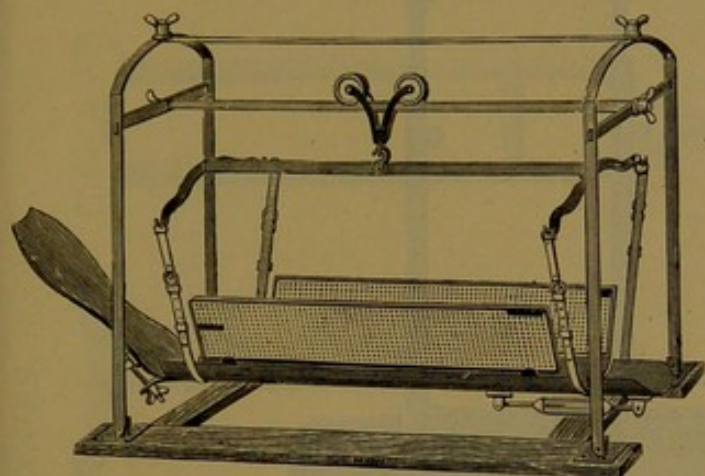
- Fig. 13. AMESBURY'S, FOR FRACTURE OF UPPER PART OF THE FEMUR.
 Fig. 14. BUSK'S, HINGED AT HIP AND KNEE TO ENABLE THE PATIENT TO BE PLACED IN ANY POSITION.
 Fig. 15. FERGUSSON'S, WITH SCREWS FOR ELONGATING.
 Fig. 16. LISTON'S, WITH SLIDING THIGH-PIECE, HEEL PLATE, AND ADJUSTING SCREWS.
 Fig. 17. THOMAS', FOR OBLIQUE FRACTURE OF THE TIBIA.

CRADLES.

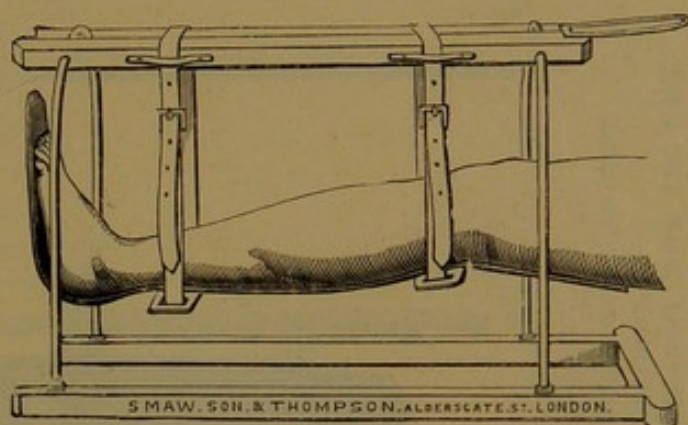


Figs. 1, 2. GREENWAY'S.

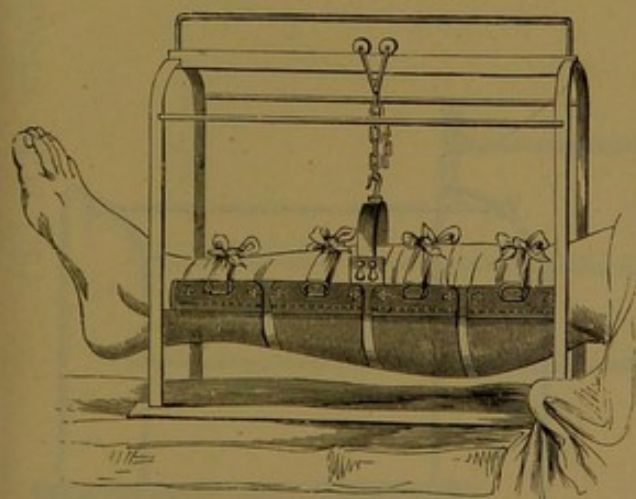
CRADLES (Continued).



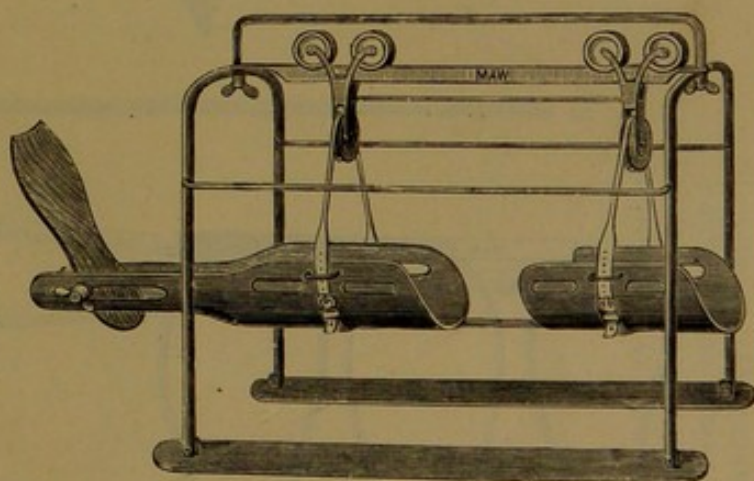
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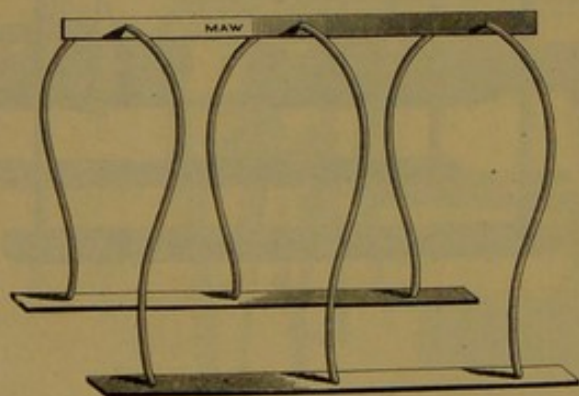
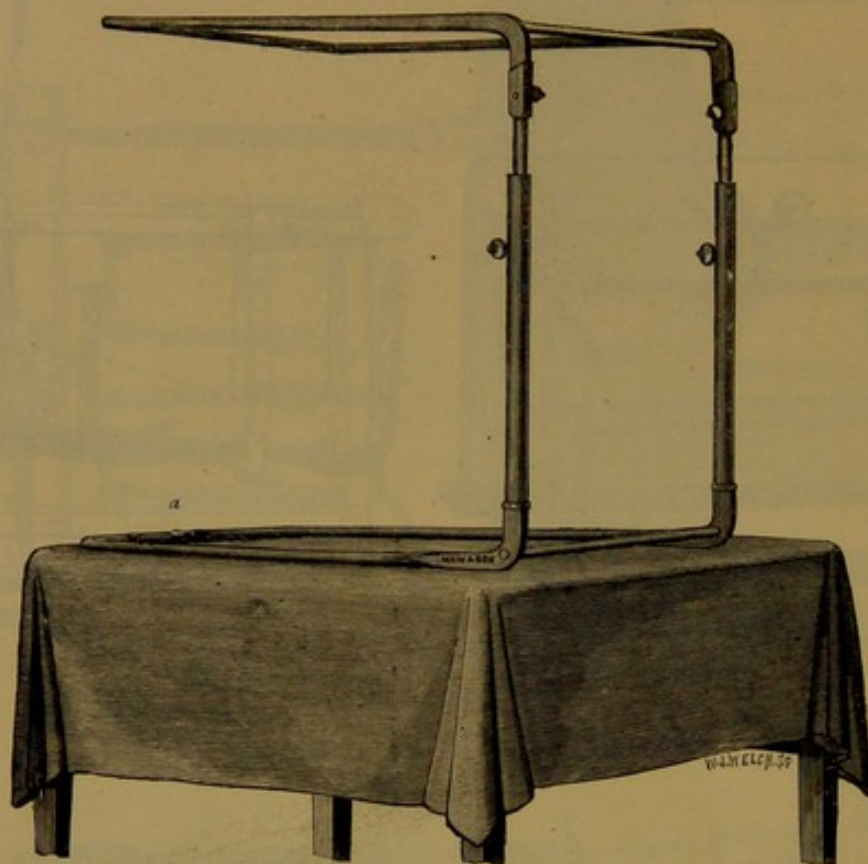
Fig. 3. GREENSLADE'S.

Fig. 4. LAWRENCE'S.

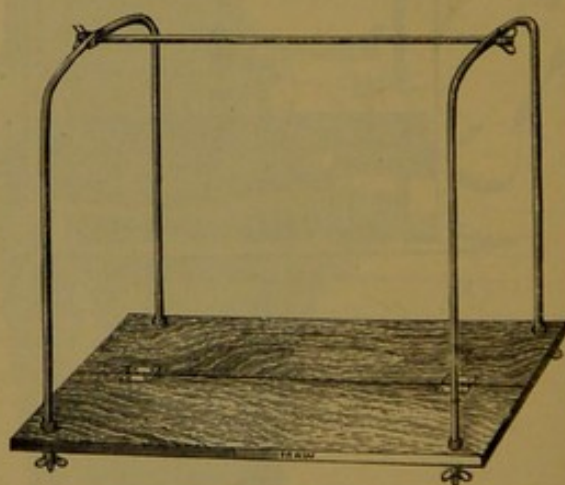
Fig. 5. SALTER'S.

Fig. 6. TURNER'S.

BED CLOTHES FRAMES.



2



3

Fig. 1. GREENWAY'S. (The Bottom Frame, *a*, is placed between the Mattress and Bed.)

Fig. 2. IRON, JAPANNED.
Fig. 3. LUKE'S. (Made to fold up.)

CRUTCH STICKS AND CRUTCHES.

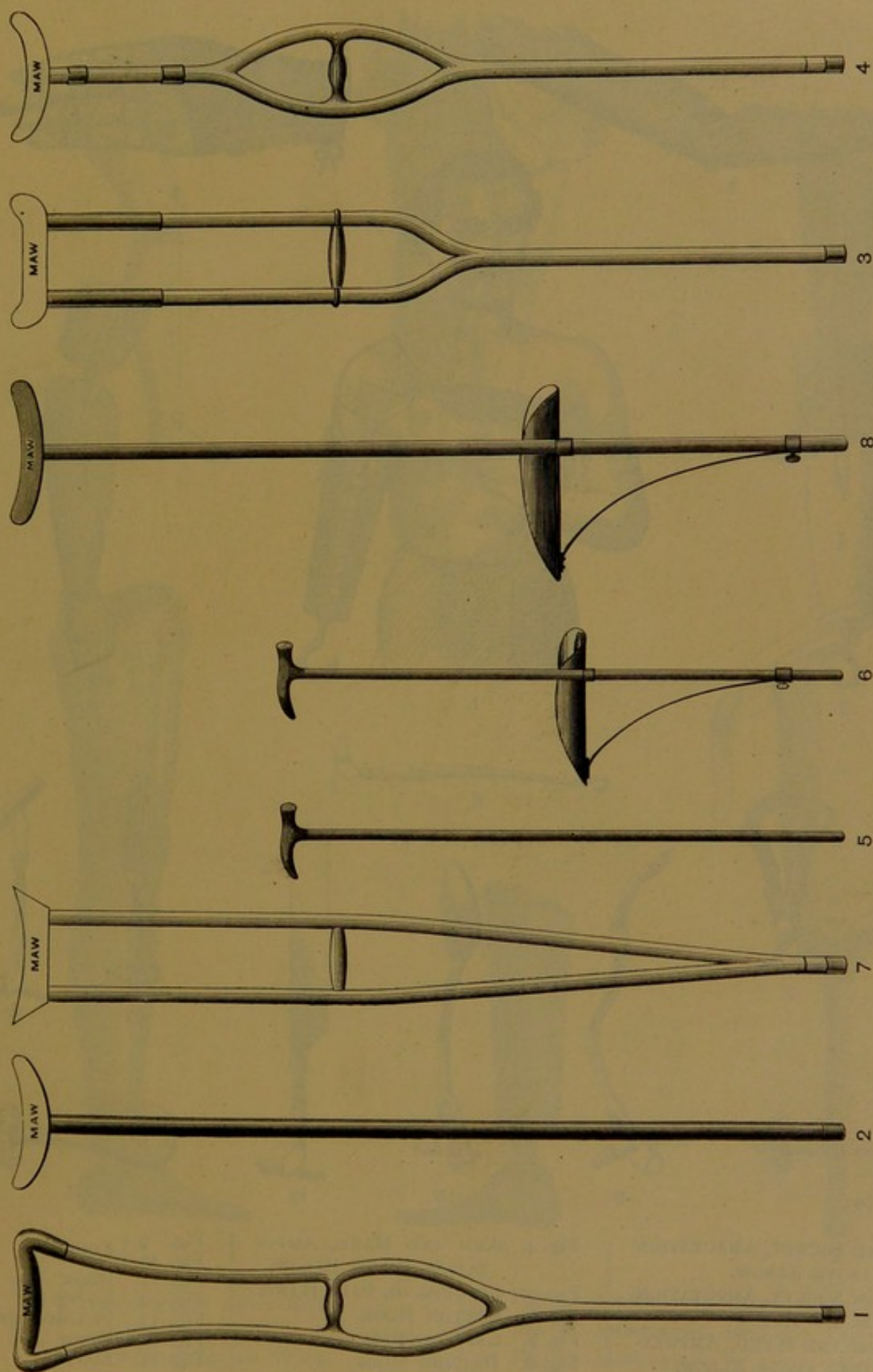


Fig. 1. DOUBLE, WITH SPRING CUSHION.
 Fig. 2. DOUBLE, PLAIN, WITHOUT SPRING.
 Fig. 3. DOUBLE, WITH SPRING.
 Fig. 4. SINGLE, WITH SPRING.
 Fig. 5. STICK.
 Fig. 6. STICK, WITH LEG REST.
 Fig. 7. STRAIGHT.
 Fig. 8. STRAIGHT, WITH LEG REST.

ARTIFICIAL ARMS, HANDS, SOCKETS, AND APPLIANCES.

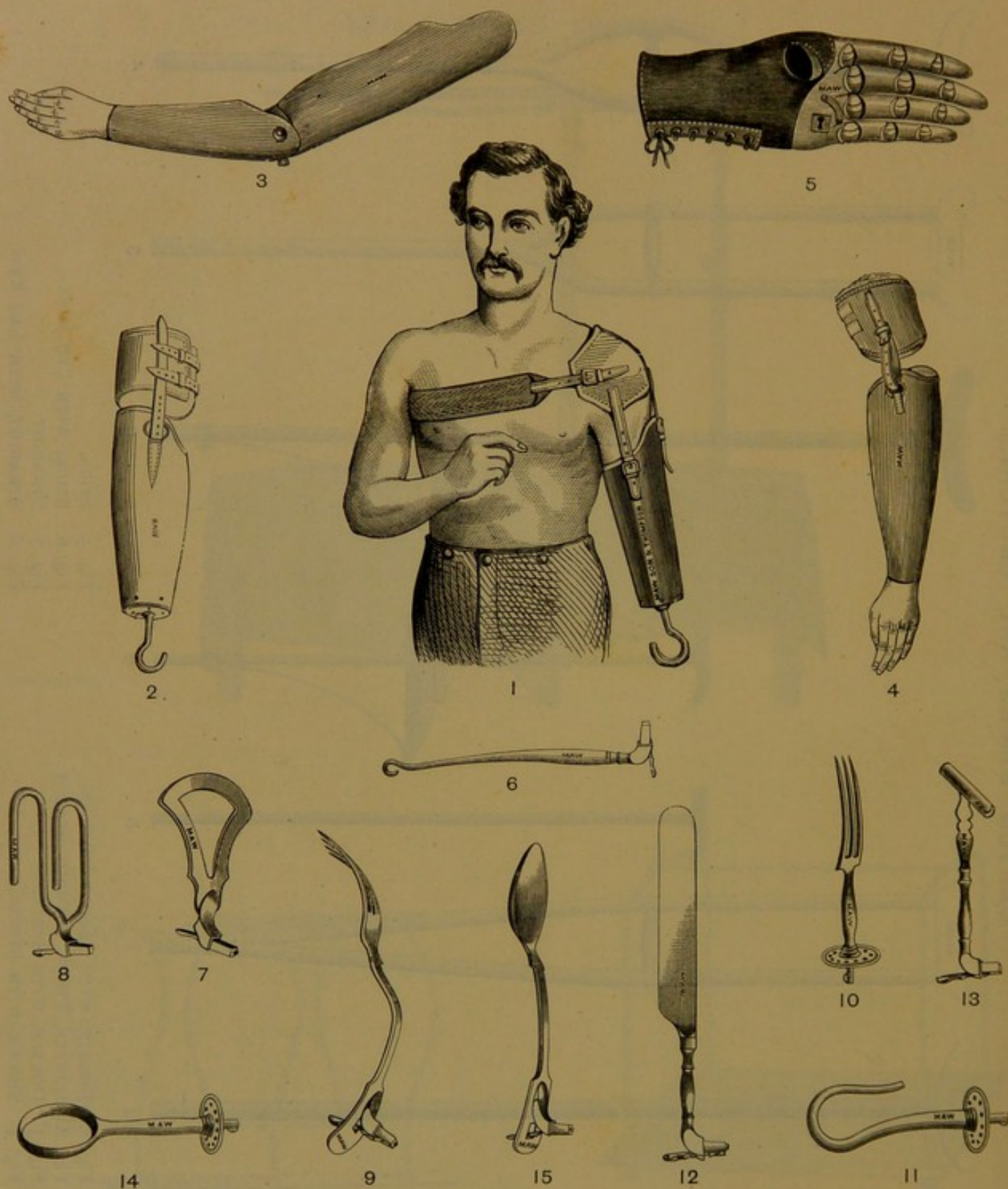


Fig. 1. ARM SOCKET, AMPUTATION ABOVE ELBOW.

Fig. 2. ARM SOCKET, AMPUTATION BELOW ELBOW.

Fig. 3. ARM AND HAND, AMPUTATION ABOVE ELBOW.

Fig. 4. ARM AND HAND, AMPUTATION BELOW ELBOW.

Fig. 5. FINGERS, OR PART HAND.

Fig. 6. BUTTON HOOK.

Fig. 7. CARD-HOLDER.

Fig. 8. DRIVING HOOK.

Fig. 9. } FORKS.

Fig. 10. } FORKS.

Fig. 11. HOOK.

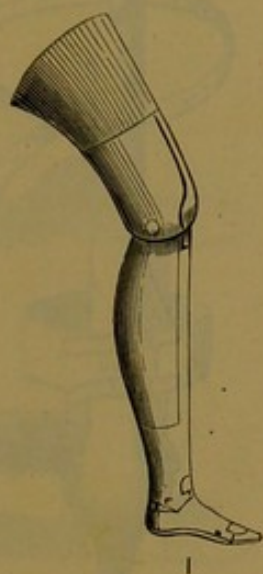
Fig. 12. KNIFE.

Fig. 13. PEN-HOLDER.

Fig. 14. RING.

Fig. 15. SPOON.

ARTIFICIAL FEET AND LEGS.



1



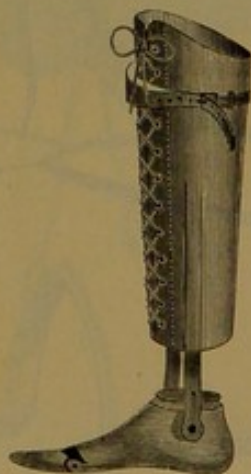
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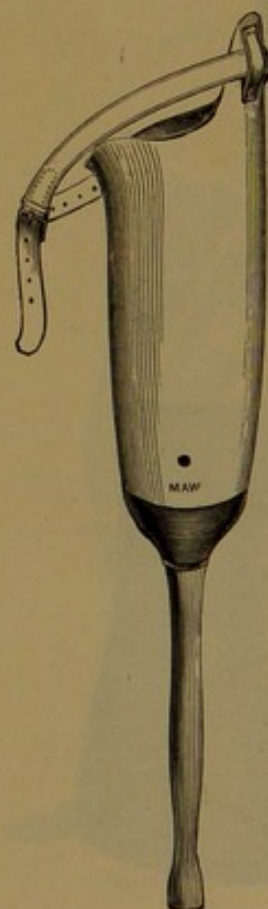
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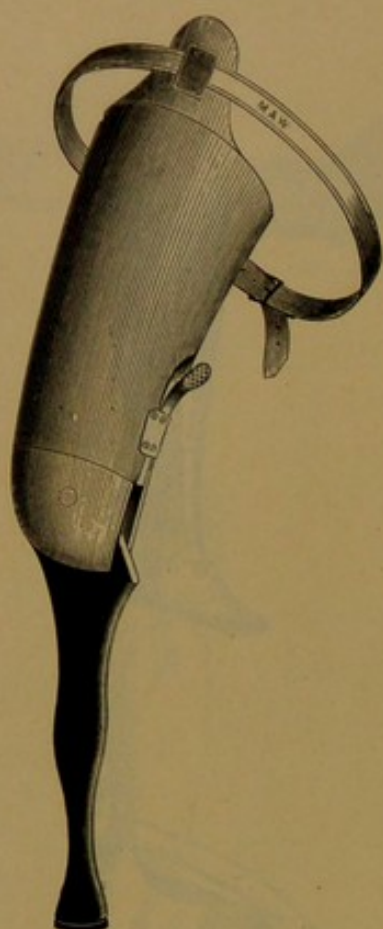
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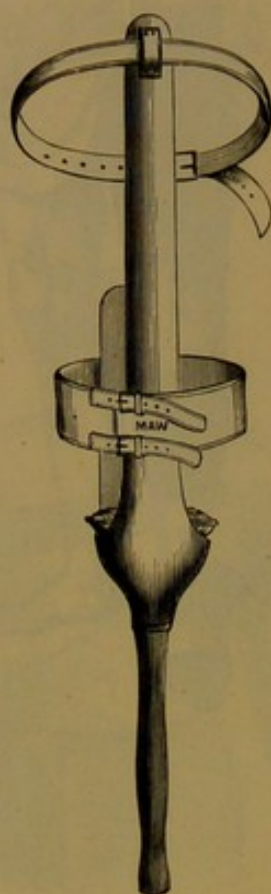
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Fig. 1. } AMPUTATION ABOVE KNEE.
Fig. 2. }
Fig. 3. AMPUTATION ABOVE KNEE, BUCKET
OF LEATHER OR WOOD.

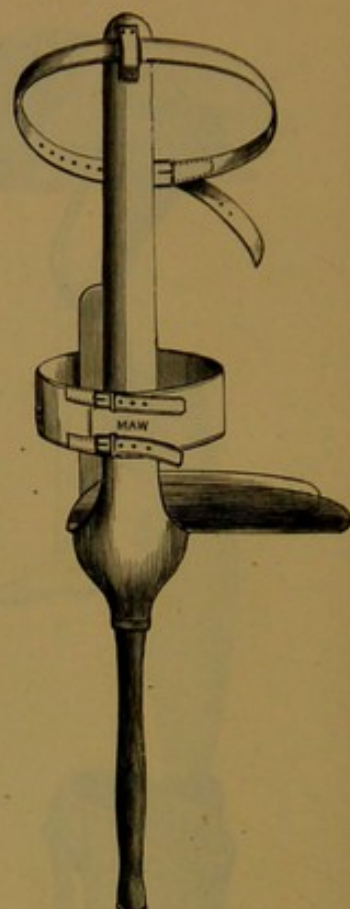
Fig. 4. AMPUTATION BELOW KNEE.
Fig. 5. AMPUTATION OF FOOT, CHOPART'S.
Fig. 6. AMPUTATION OF FOOT, SYME'S.

ARTIFICIAL FEET AND LEGS, ETC. (*Continued*).

7



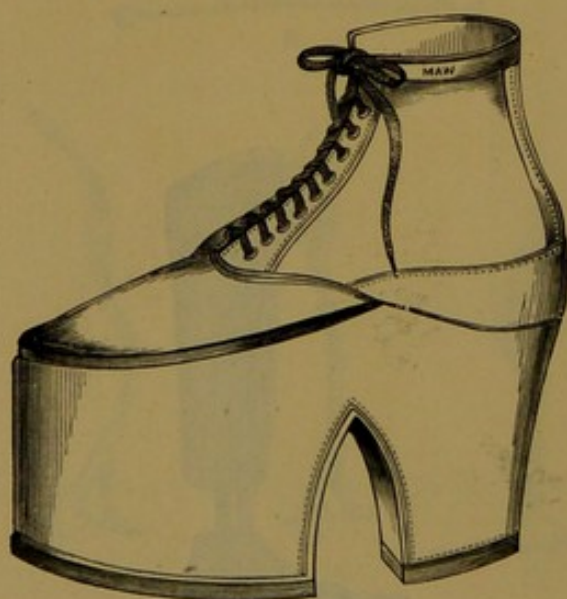
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Fig. 7. AMPUTATION ABOVE KNEE, WITH IMPROVED JOINT, BUCKET OF LEATHER OR WOOD.

Fig. 8. AMPUTATION BELOW KNEE.

Fig. 9. AMPUTATION BELOW KNEE, WITH REST.

Fig. 10. AMPUTATION BELOW KNEE.

Fig. 11. AMPUTATION OF FOOT, CHOPART'S OR SYME'S.

Fig. 12. CORK SOLE BOOT FOR SHORTENED LIMB.

APPLIANCES FOR PARALYSIS, TALIPES, FRACTURED JAW AND NOSE, Etc.

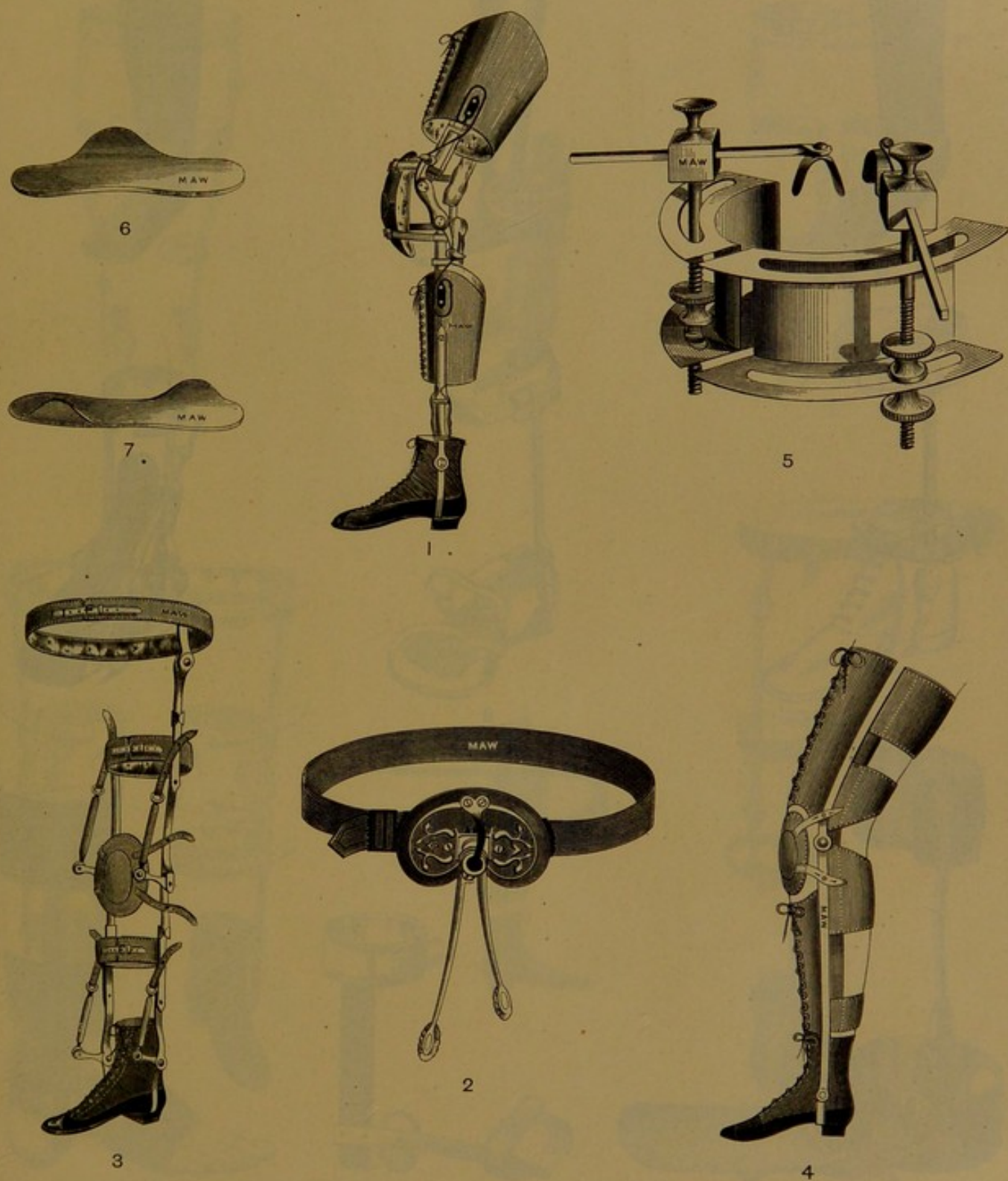


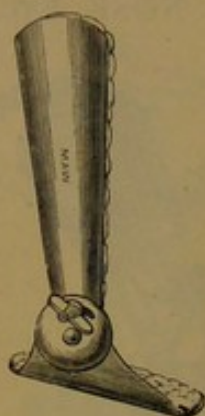
Fig. 1. FOR DISPLACEMENT (POSTERIORLY) OF TIBIA.
 Fig. 2. FOR FRACTURED NOSE.
 Fig. 3. FOR INFANTILE PARALYSIS.

Fig. 4. FOR USE AFTER DISLOCATION OF KNEE.
 Fig. 5. FOR FRACTURED JAW, MOON'S.
 Fig. 6. VALGUS PLATE.
 Fig. 7. VARUS PLATE.

APPLIANCES FOR TALIPES, ETC.



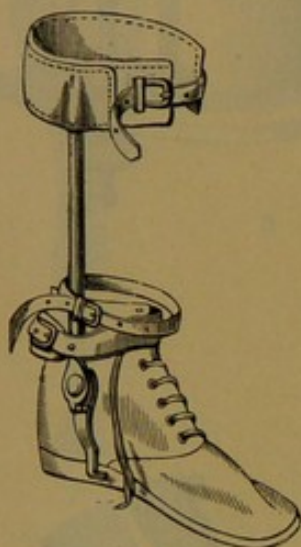
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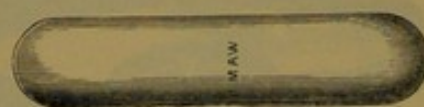
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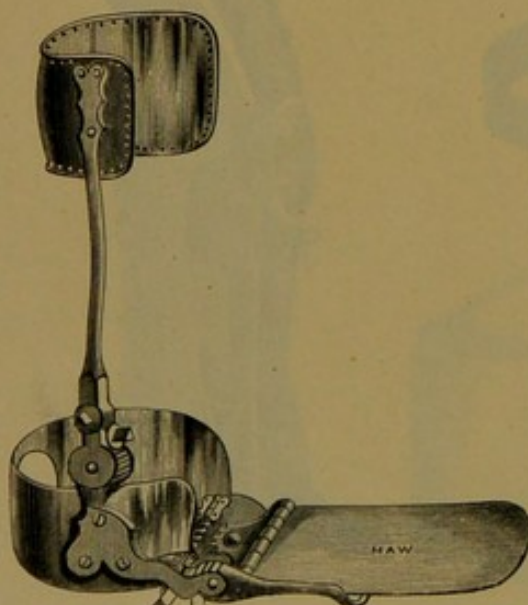
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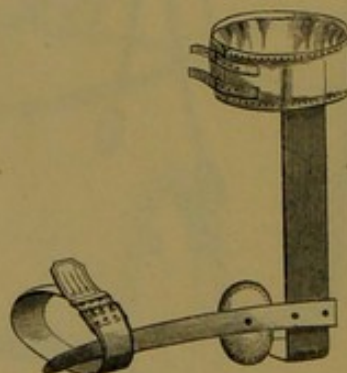
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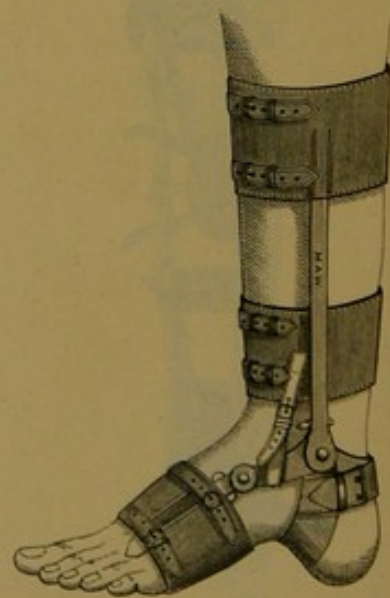
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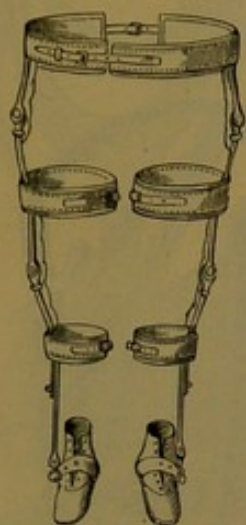
2

Fig. 1. DAVY'S.
Fig. 2. FOR CALCANEUS.
Fig. 3. FOR INCIPIENT TALIPES.
Fig. 4. LITTLE'S.

Fig. 5. LITTLE'S, HINGED.
Fig. 6. LITTLE'S, PLAIN.
Fig. 7. LITTLE'S, WITH SET
SCREW.

Fig. 8. SCARPA'S.
Fig. 9. SCARPA'S IMPROVED.
Fig. 10. TENOTOMY PADDED
SPLINT.

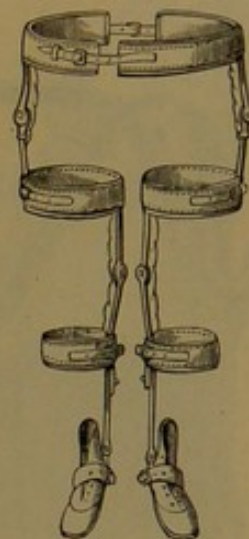
LEG SUPPORTS AND BOOTS.



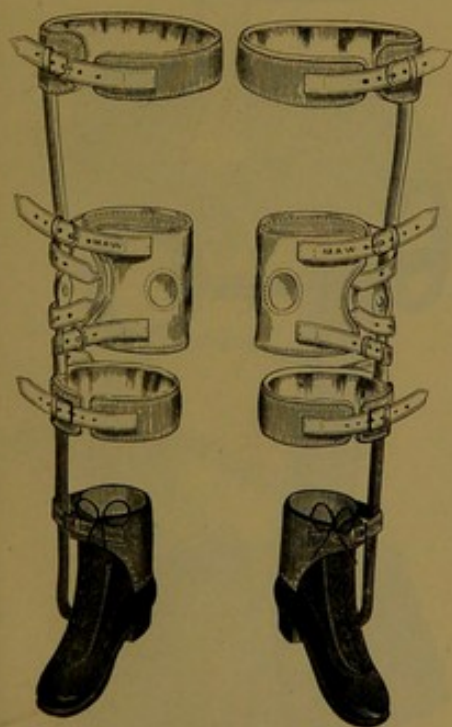
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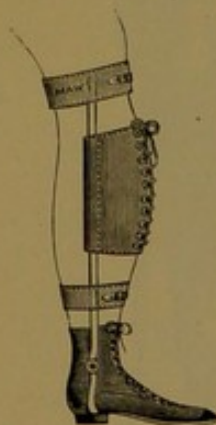
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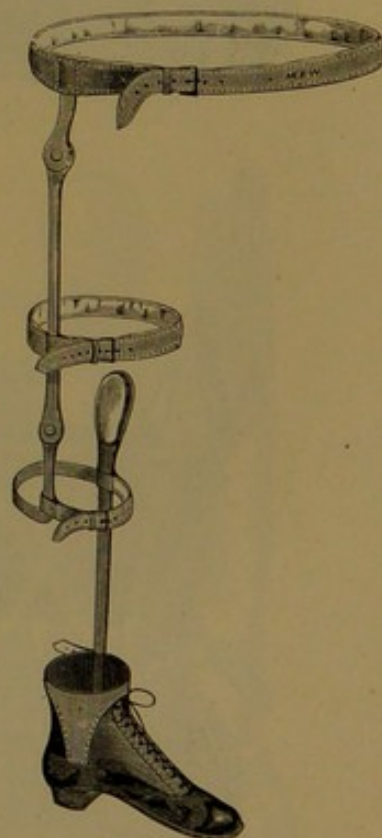
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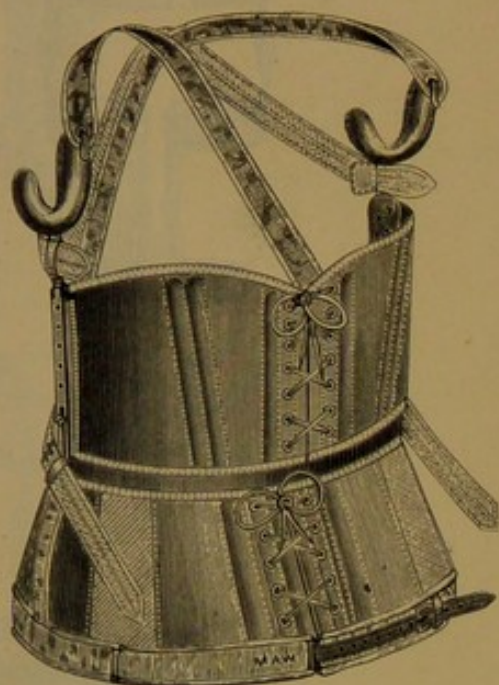


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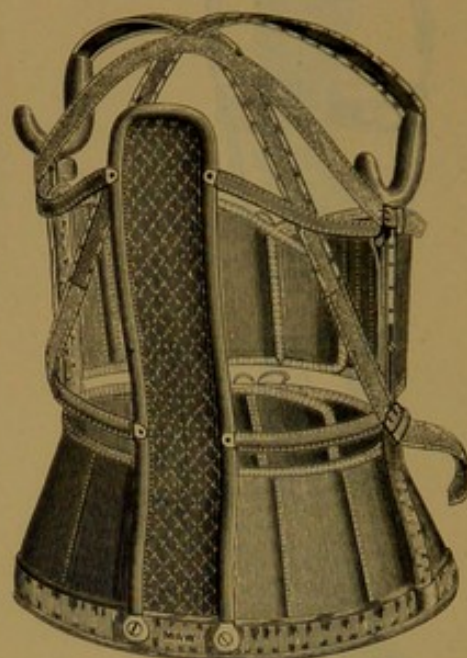
- Fig. 1. FOR ANTERIOR CURVATURE OF TIBIA.
 Fig. 2. FOR INWARD CURVATURE (KNOCK-KNEE),
 WITH PELVIS BAND.
 Fig. 3. FOR OUTWARD CURVATURE, WITH PELVIS
 BAND.

- Fig. 4. FOR OUTWARD OR INWARD CURVATURE,
 WITHOUT PELVIS BAND.
 Fig. 5. FOR OUTWARD OR INWARD CURVATURE
 OF TIBIA.
 Fig. 6. FOR ROTATION OF THE FOOT.

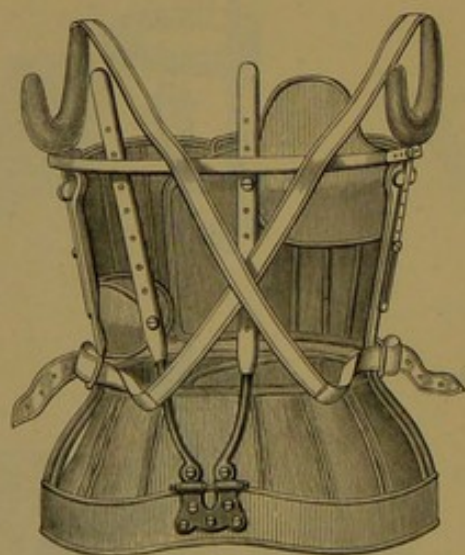
SPINE APPARATUS.



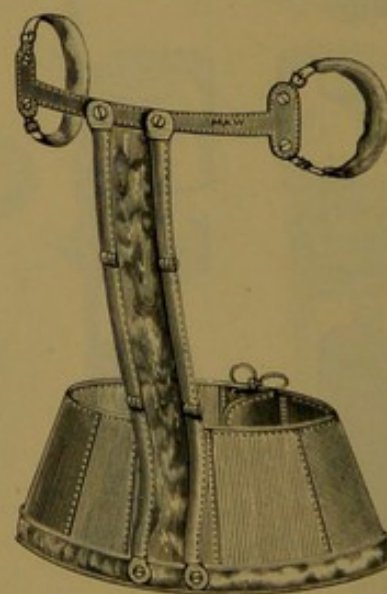
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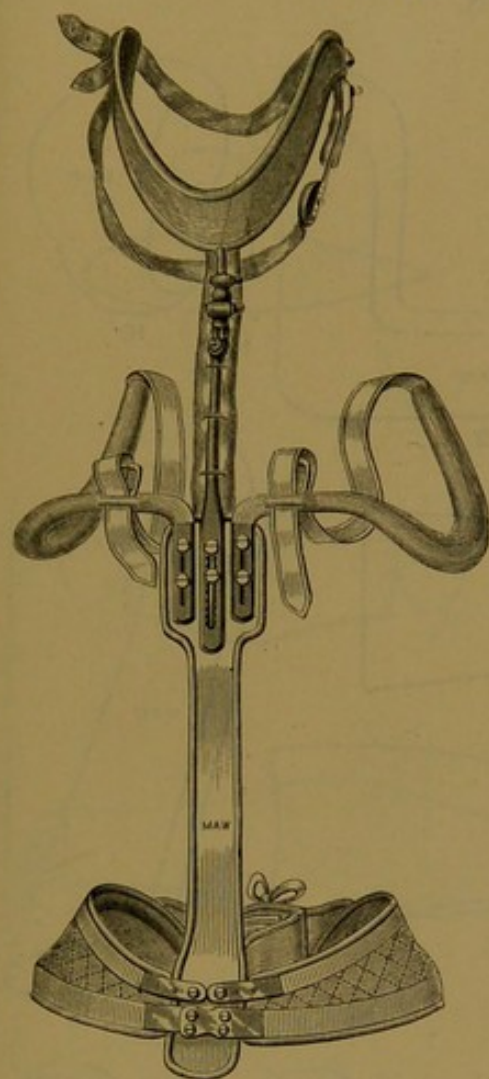
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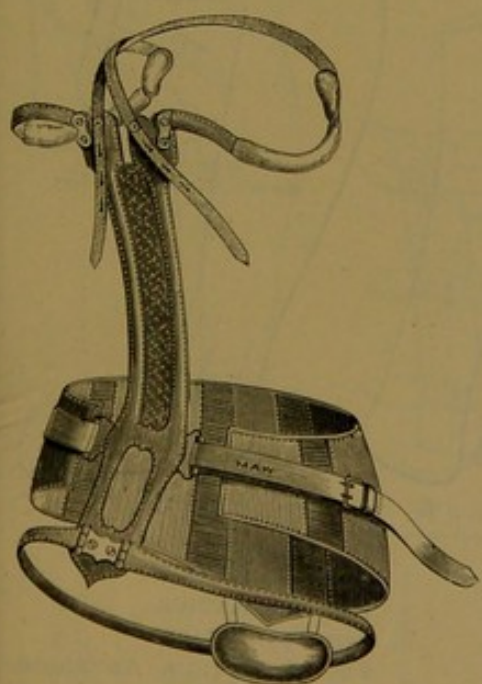
4

- Fig. 1. FOR SIMPLE LATERAL CURVATURE.
 Fig. 2. FOR DOUBLE LATERAL CURVATURE.
 Fig. 3. FOR POSTERIOR CURVATURE, WITH TAYLOR'S SUPPORT.
 Fig. 4. FOR POTT'S DISEASE OR ANGULAR CURVATURE, WITH TAYLOR'S BRACE.

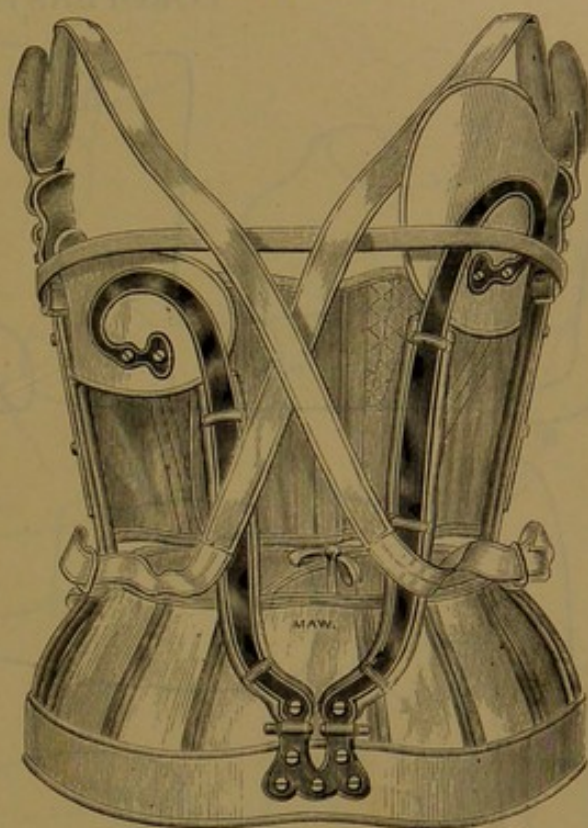
SPINE AND WRY NECK APPARATUS.



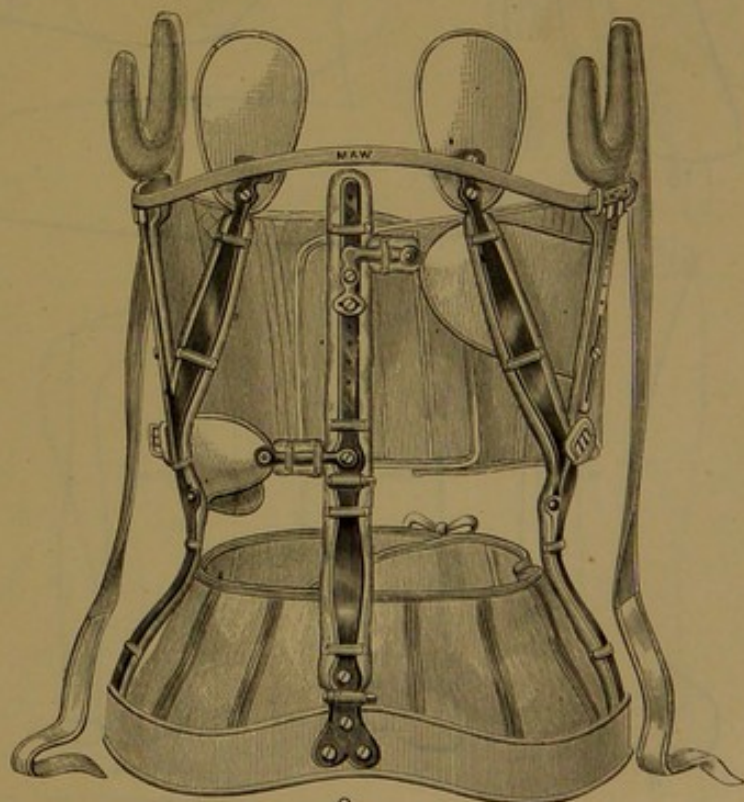
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- Fig. 5. FOR DOUBLE LATERAL CURVATURE, WITH ROTATION.
 Fig. 6. FOR DOUBLE LATERAL CURVATURE, WITH RELAXED SCAPULÆ.
 Fig. 7. FOR CURVATURE AND PELVIC DEFORMITIES, PRO-
 THEROE SMITH'S.
 Fig. 8. FOR WRY NECK.

POROPLASTIC SPLINTS.

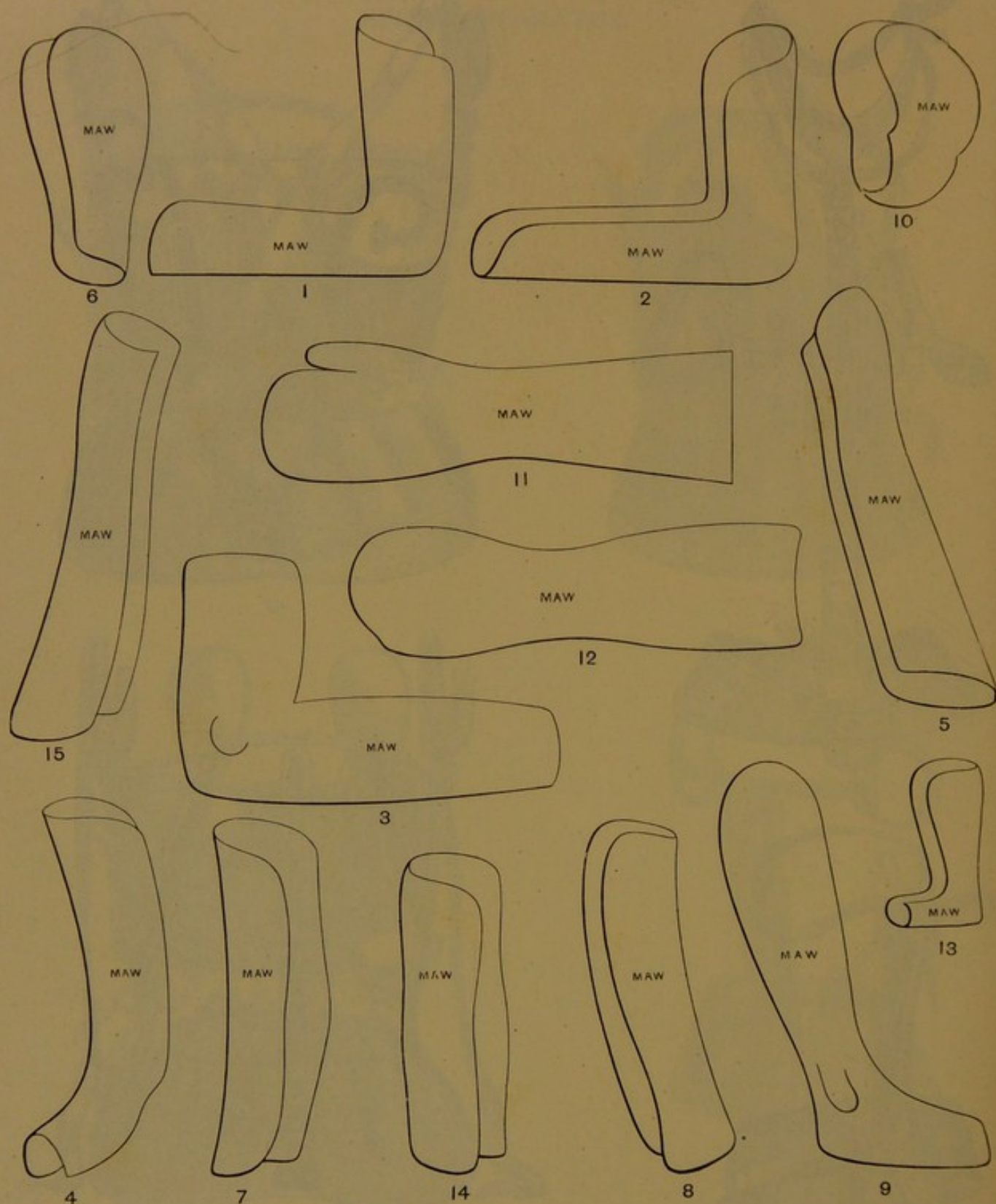


Fig. 1. ARM, ANTERIOR.
 Fig. 2. ARM, POSTERIOR.
 Fig. 3. ELBOW.
 Fig. 4. FIBULA, ANTERIOR.
 Fig. 5. FIBULA, POSTERIOR.

Fig. 6. HUMERUS.
 Fig. 7. KNEE, ANTERIOR.
 Fig. 8. KNEE, POSTERIOR.
 Fig. 9. LEG.
 Fig. 10. LOWER MAXILLARY.

Fig. 11. RADIUS.
 Fig. 12. RADIUS.
 Fig. 13. TALIPES.
 Fig. 14. THIGH, ANTERIOR.
 Fig. 15. THIGH, POSTERIOR.

POROPLASTIC APPLIANCES, ETC.

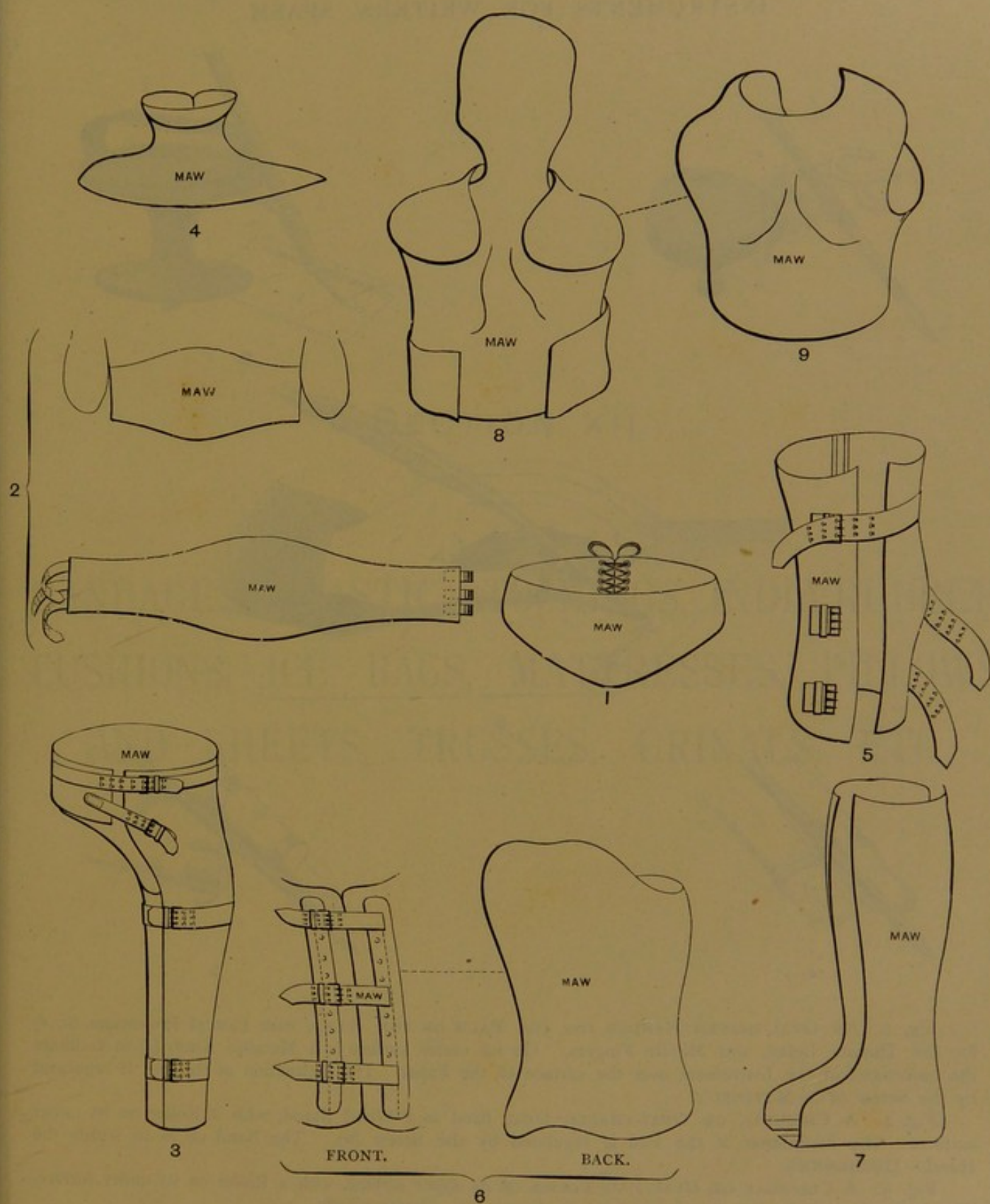


Fig. 1. ABDOMEN.
Fig. 2. BACK.
Fig. 3. HIP.

Fig. 4. NECK.
Fig. 5. PATELLA.
Fig. 6. SPINE.

Fig. 7. TIBIA AND FIBULA.
Fig. 8. } WRY NECK.
Fig. 9. }

INSTRUMENTS FOR WRITERS' SPASM.

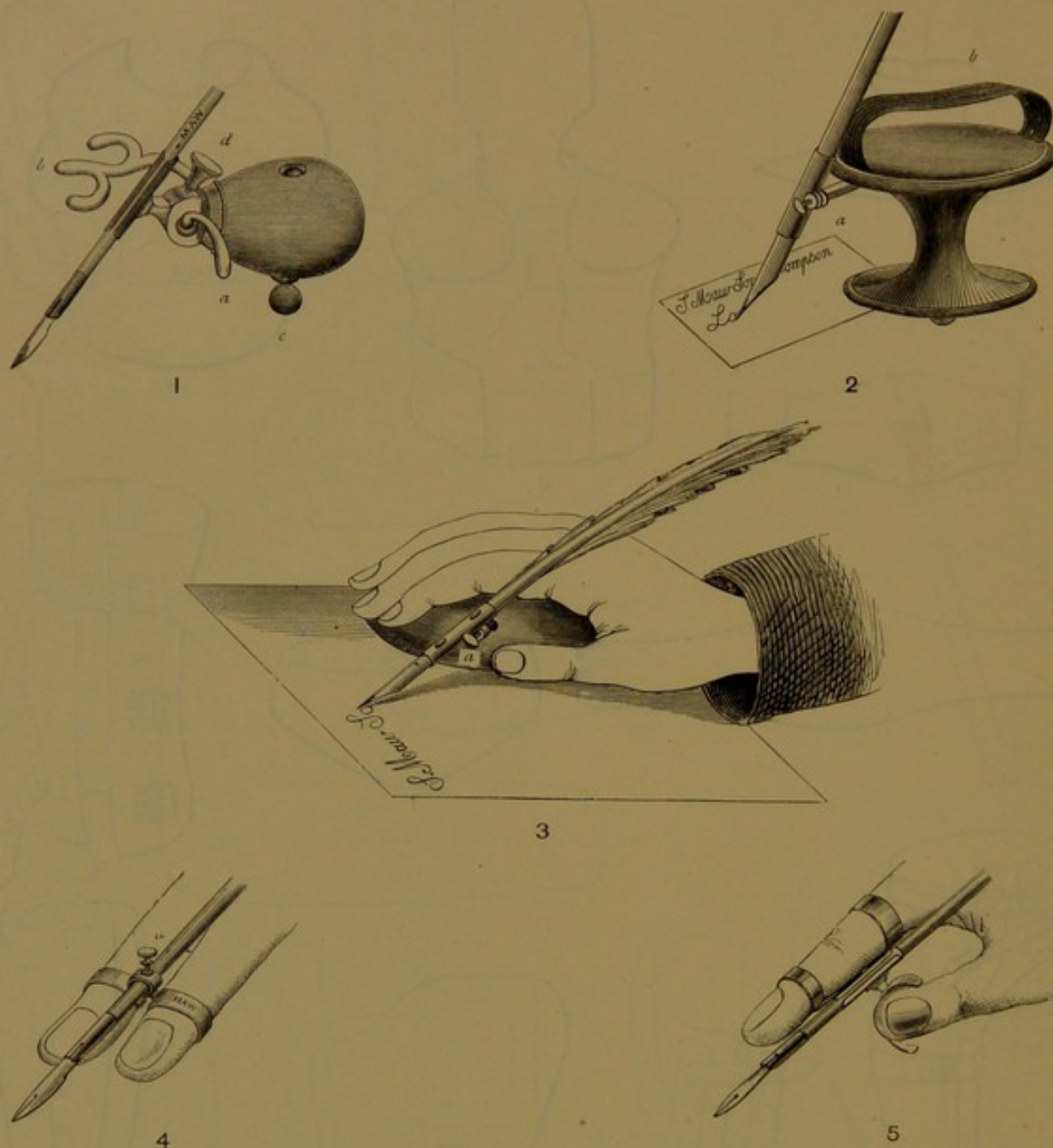


Fig. 1. AN OVAL-SHAPED HANDLE FOR THE PALM OF THE HAND, with Lateral Projections (*a*, *b*) for the Thumb, Index, and Middle Fingers. On its under surface is a Metallic Knob (*c*) to facilitate the movement of the Instrument over the surface of the Paper. The inclination of the Pen is regulated by the Screw (*d*).—MATHIEU'S.

Fig. 2. A CIRCULAR OR OVAL-SHAPED DISC, fixed to a Wood Stand, with a Roller on its under surface. The inclination of the Pen is regulated by the Screw (*a*). The Band (*b*) is to steady the Hand.—DUCHENNE'S.

Fig. 3. A CIRCULAR OR OVAL PAD, Convex on its upper surface, with a Roller on its under surface. The inclination of the Pen is regulated by the Screw (*a*).—DUCHENNE'S.

Fig. 4. TWO CIRCULAR BANDS FOR THE INDEX AND MIDDLE FINGERS, connected by the Screw (*a*) that regulates the inclination of the Pen.—MATHIEU'S.

Fig. 5. TWO CIRCULAR BANDS FOR THE INDEX FINGER AND A LATERAL SUPPORT FOR THE THUMB, combined with Pen-holder.—MATHIEU'S.

SECTION XII.

BANDAGES, ELASTIC STOCKINGS, INDIA-RUBBER
CUSHIONS, ICE BAGS, MATTRESSES, PILLOWS
AND SHEETS, TRUSSES, URINALS, ETC.

CONTENTS OF SECTION XII.

AIR CUSHIONS.
AIR MATTRESS.
AIR PILLOWS.
ANKLET.
ARMLET.
BANDAGE, PARA-RUBBER.
BANDAGES, ABDOMEN.
BANDAGES, SUSPENSORY.
BED SHEETS.
BELLOWS FOR AIR CUSHIONS.
BELLOWS FOR AIR MATTRESSES.

BELTS :—
 PROLAPSUS.
 RIDING.
 UMBILICAL HERNIA.
COLD WATER BAG.
HOT WATER BAG.
ICE BAGS.
KNEE-CAPS.
KNEE LEGGING.
KNEE STOCKING.
LEGGING.

STOCKINGS.
SWIMMING BELT.
THIGH KNEE-CAP.
THIGH LEGGING.
THIGH PIECE.
THIGH STOCKING.
TRUSSES.
URINALS.
WATER CUSHIONS.
WATER MATTRESSES.
WATER PILLOWS.
WRISTLET.

BANDAGES, ABDOMEN.

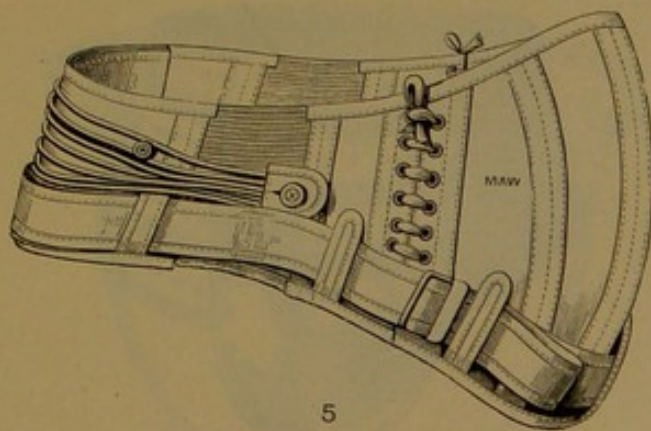
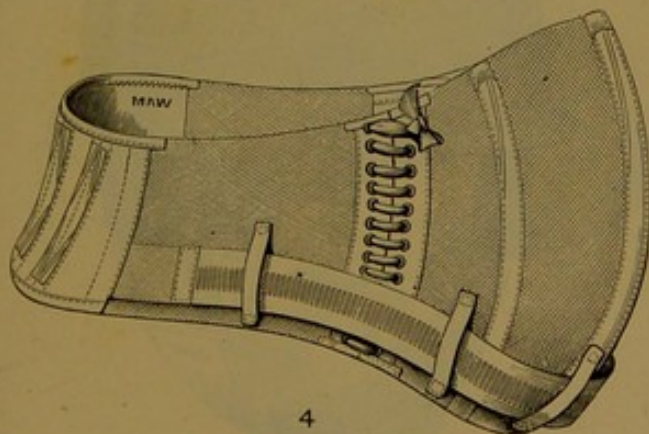
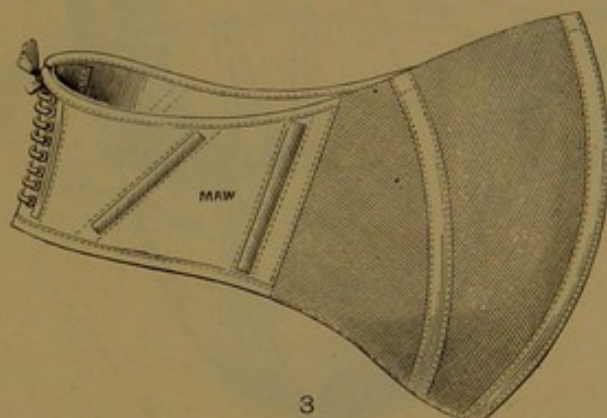
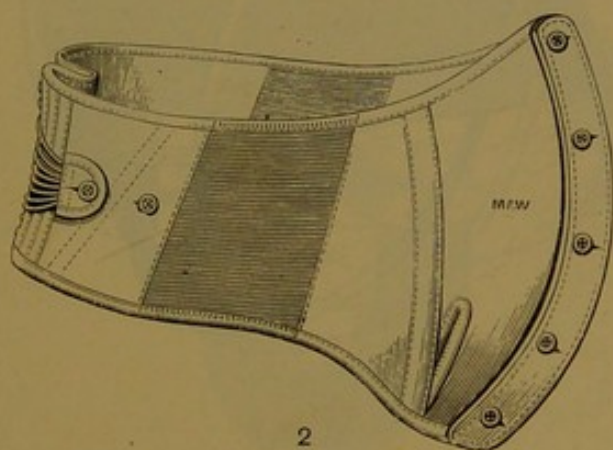
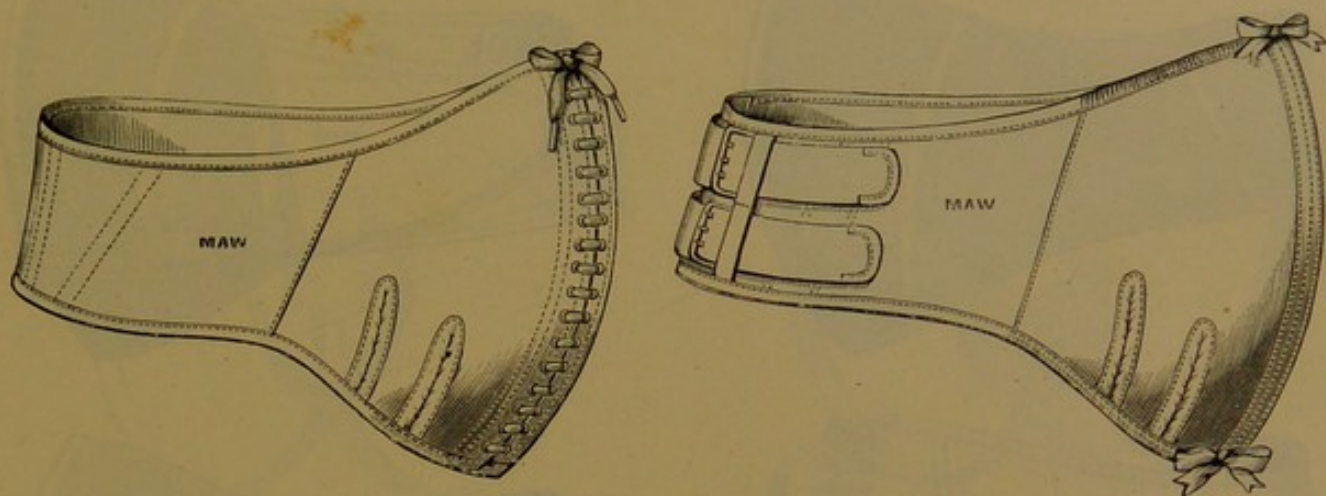


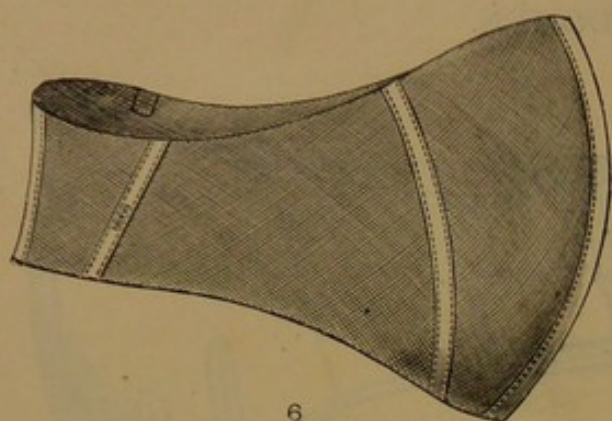
Fig. 1. ELASTIC FRONTS, JEAN BACKS, TO BUCKLE OR LACE.

Fig. 2. ELASTIC SIDES, JEAN BACK AND FRONT, WITH EXPANDING LACE.

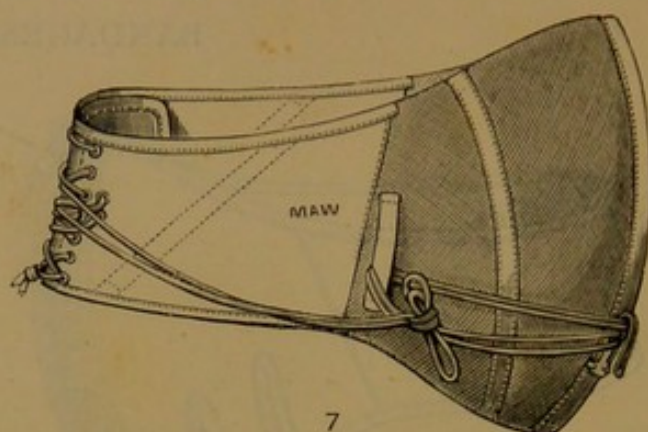
Fig. 3. ELASTIC WOVEN FRONT, JEAN BACK, TO LACE.

Fig. 4. ELASTIC WOVEN FRONT AND SIDES, JEAN BACK, FULCRUM BAND, AND SIDE LACES.

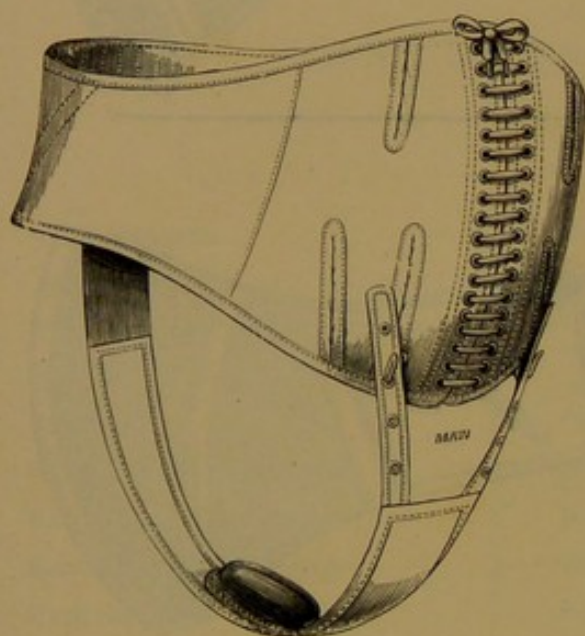
Fig. 5. ELASTIC SIDES, JEAN BACK AND FRONT, WITH FULCRUM BAND AND EXPANDING LACE.

BANDAGES, ABDOMEN (*Continued*).

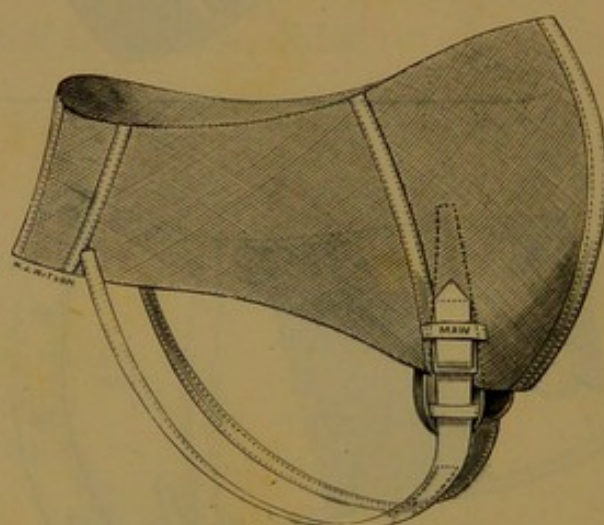
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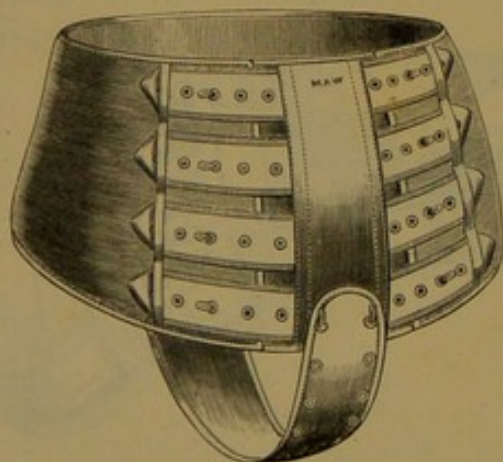
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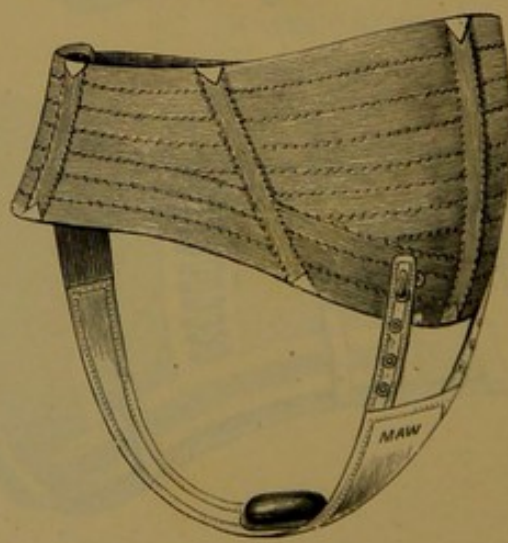
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Fig. 6. ELASTIC WOVEN, TO DRAW ON.

Fig. 7. ELASTIC WOVEN FRONT, DRAW-IN LACE.

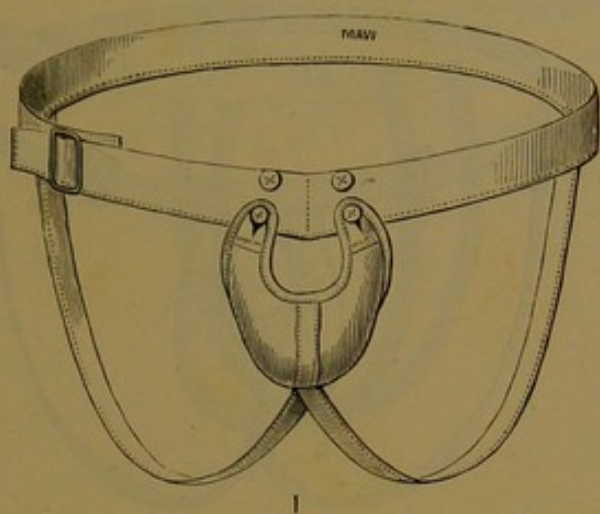
Fig. 8. ELASTIC FRONT AND JEAN BACK, WITH UNDER-PAD FOR PROLAPSE OF THE UTERUS, BLUNDELL'S.

Fig. 9. ELASTIC WOVEN, TO DRAW ON, WITH PADS FOR HERNIA.

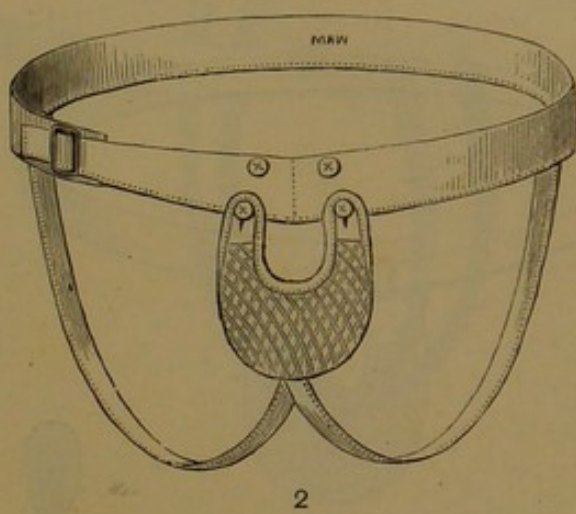
Fig. 10. ELASTIC SPIRAL, WITH UNDER-PAD FOR PROLAPSE OF THE UTERUS, PALFREY'S.

Fig. 11. JEAN, FOR USE AFTER ACCOUCHEMENT.

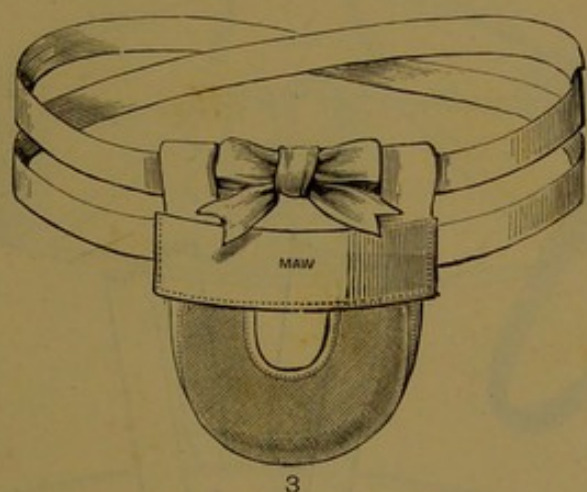
BANDAGES, SUSPENSORY.



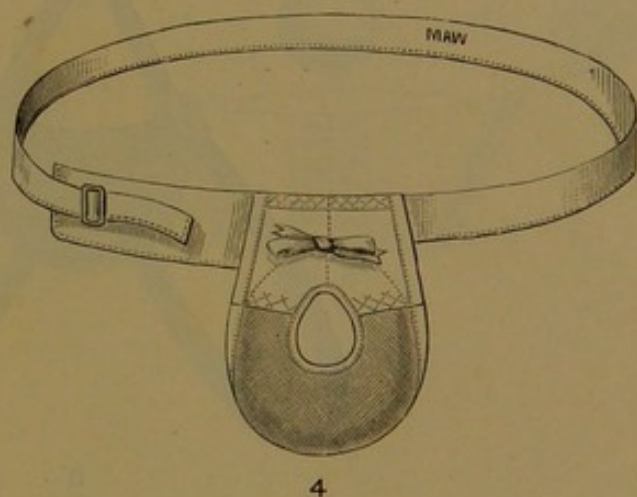
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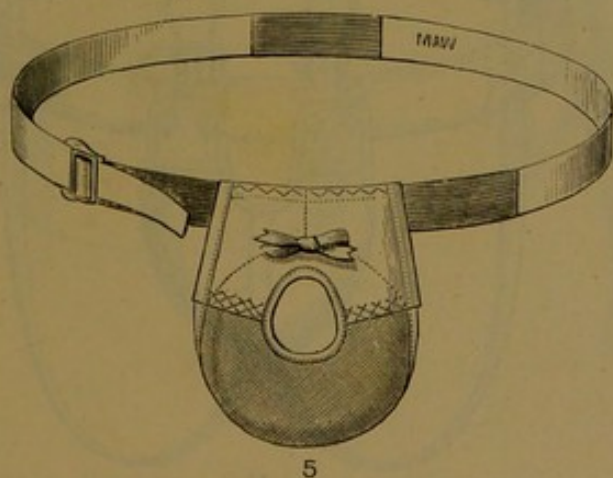
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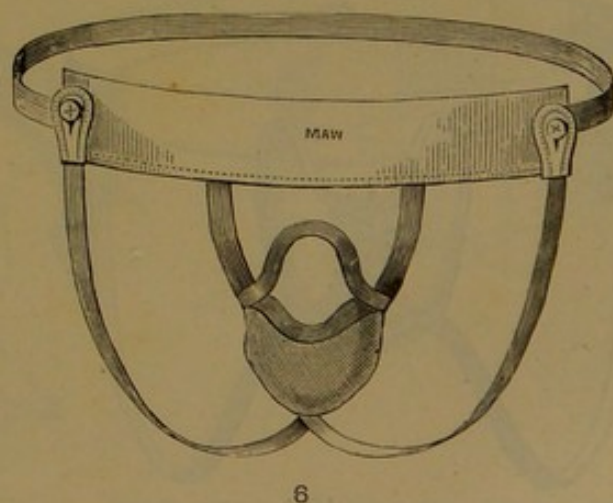
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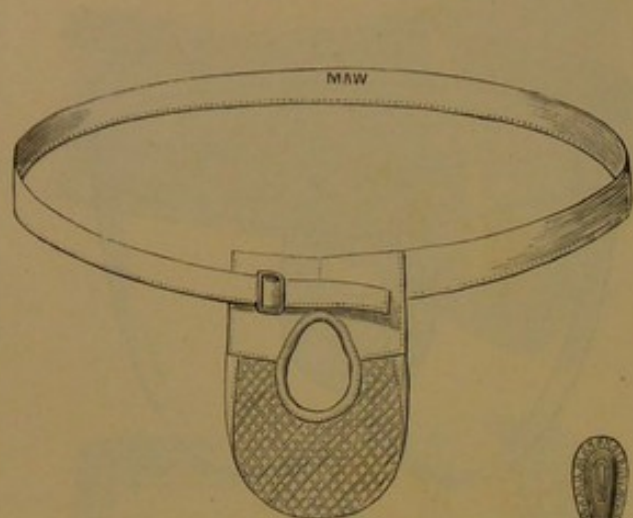


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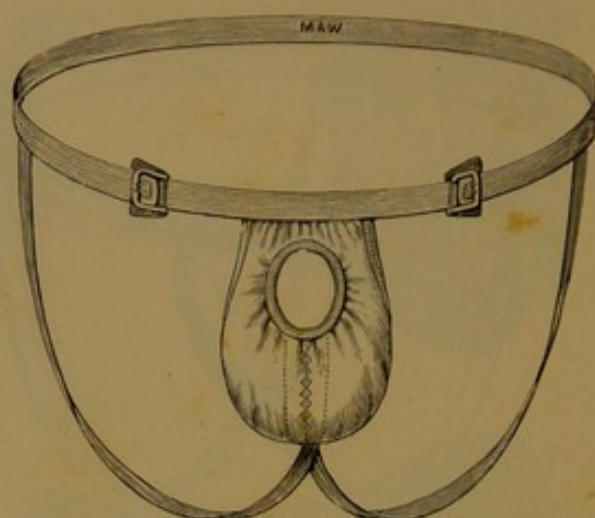
Fig. 1. CHAMOIS LEATHER OR JEAN BAG AND BAND.
Fig. 2. COTTON OR SILK BAG, JEAN BAND, AND
UNDERSTRAPS.
Fig. 3. COTTON OR SILK BAG, TAPE BAND.

Fig. 4. COTTON OR SILK BAG, JEAN BAND.
Fig. 5. COTTON OR SILK BAG, ELASTIC INSERTIONS
IN BAND.
Fig. 6. SILK BAG, ELASTIC BAND AND UNDERSTRAPS.

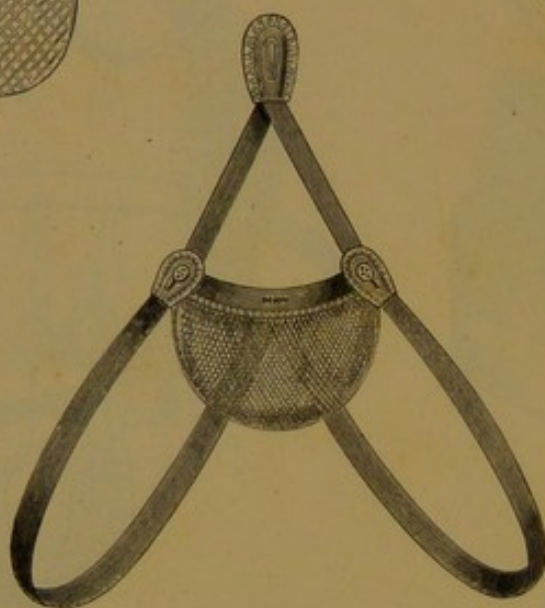
BANDAGES, SUSPENSORY (Continued).



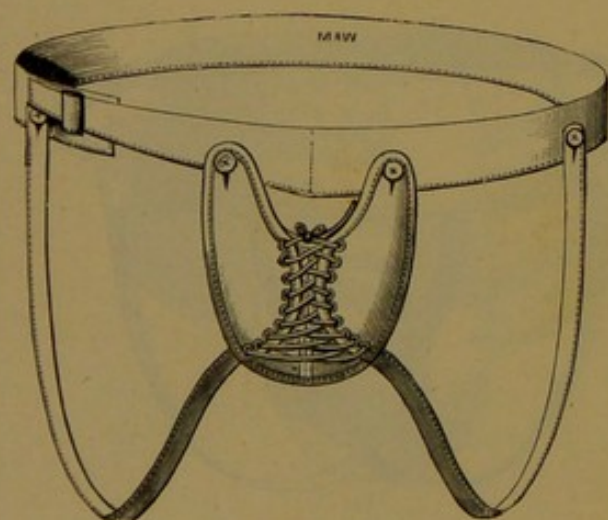
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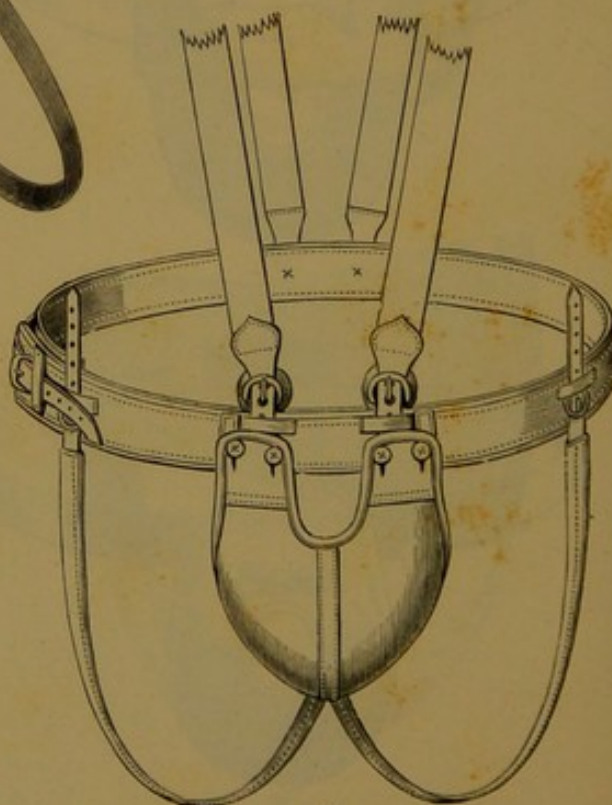
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Fig. 7. COTTON BAG, JEAN BAND.

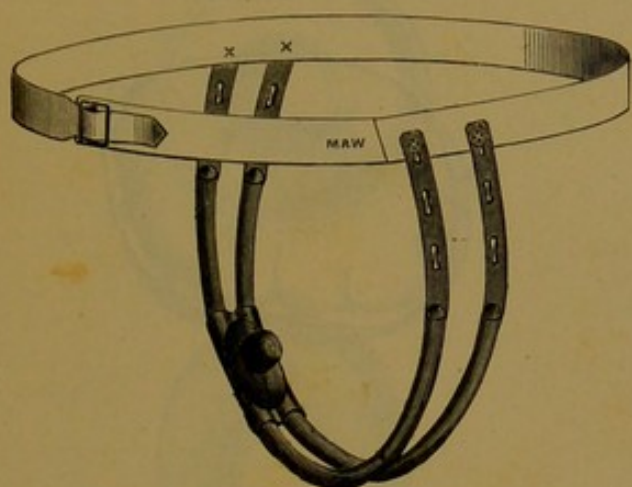
Fig. 8. COTTON OR SILK BAG (no Band required).

Fig. 9. LAWN BAG, ELASTIC BANDS.

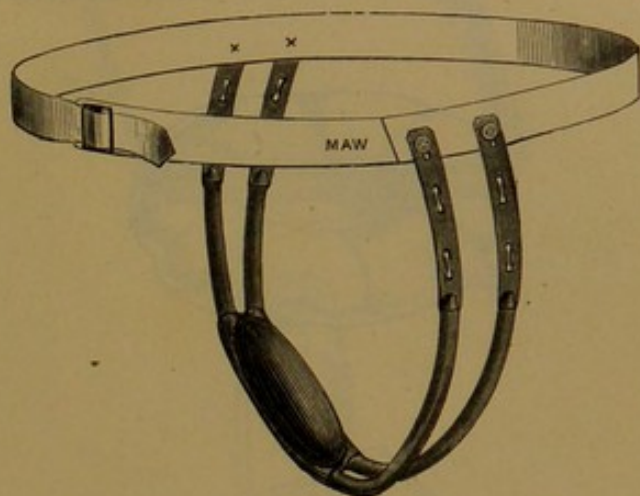
Fig. 10. MAW'S EXPANDING BAG FOR HYDROCELE.

Fig. 11. MAW'S IMPROVED, WITH BRACES, FOR IRREDUCIBLE OR SCROTAL HERNIA.

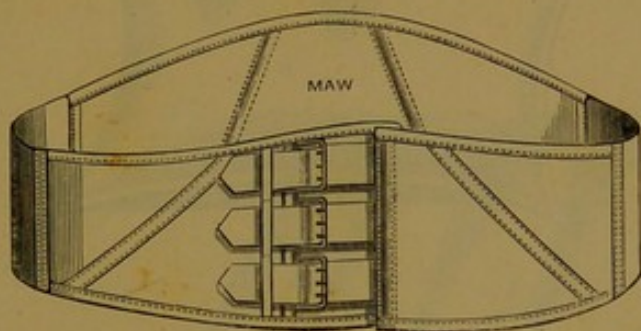
BANDAGE, BELTS FOR PROLAPSUS, RIDING, UMBILICAL HERNIA, ETC.



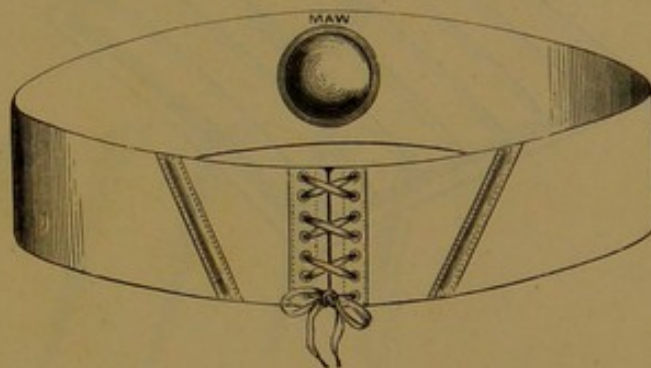
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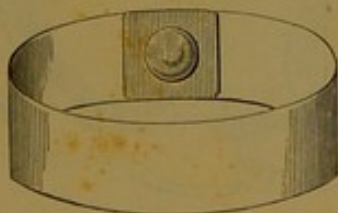
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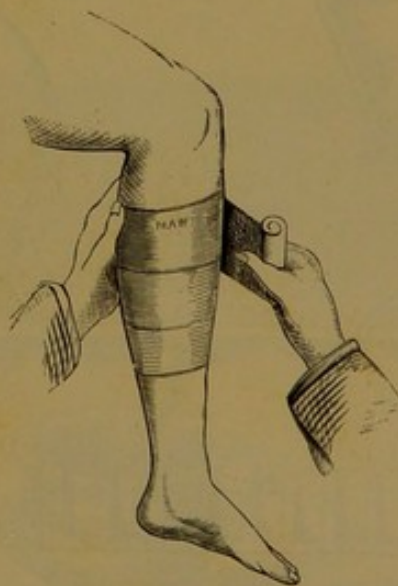
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7

Fig. 1. BANDAGE, PARA-RUBBER (FOR ULCERATED AND OTHER DISEASES OF THE LEGS).

Fig. 2. BELT AND INDIA-RUBBER PAD FOR PROLAPSE OF THE RECTUM.

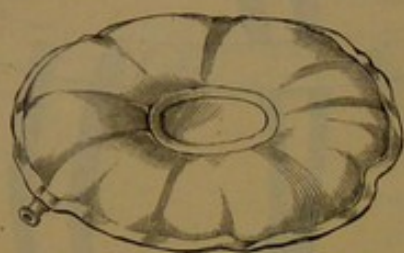
Fig. 3. BELT AND INDIA-RUBBER PAD FOR PROLAPSE OF THE UTERUS.

Fig. 4. BELT FOR WEAK BACK AND RIDING.

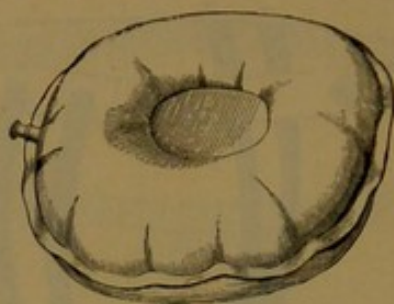
Fig. 5. BELT FOR UMBILICAL HERNIA (Adults).

Figs. 6 and 7. BELTS FOR UMBILICAL HERNIA (Infants).

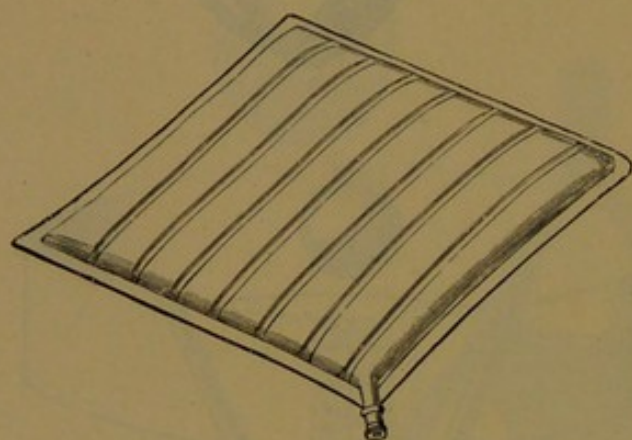
AIR CUSHIONS, PILLOWS, AND SWIMMING BELT.



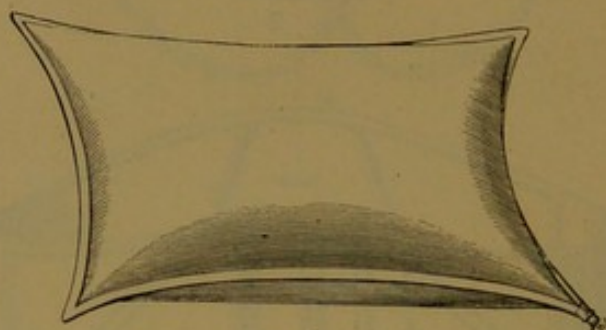
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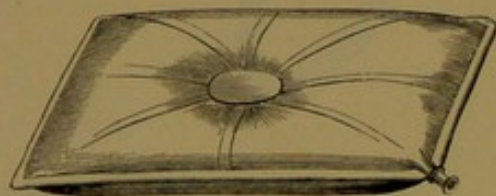
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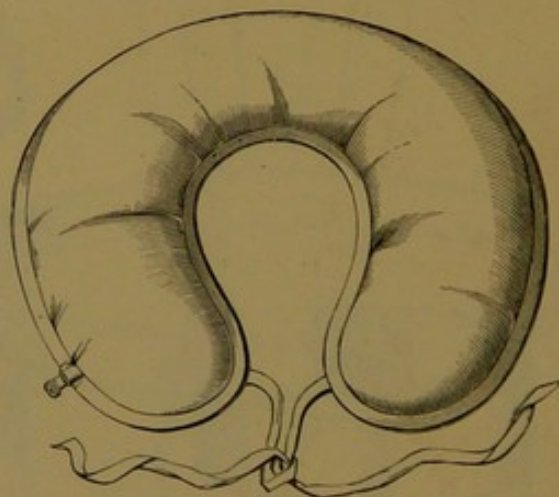
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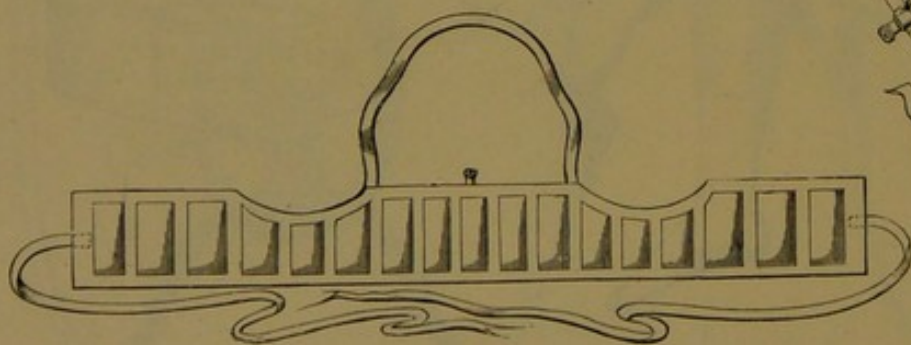
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Fig. 1. CUSHION, CIRCULAR, REEDED.

Fig. 2. CUSHION, WITH CENTRE, REEDED.

Fig. 3. CUSHION, REEDED.

Fig. 4. PILLOW, CIRCULAR.

Fig. 5. PILLOW, SQUARE.

Fig. 6. PILLOW FOR THE NECK.

Fig. 7. SWIMMING BELT.

WATER CUSHIONS, MATTRESSES, AND HOT WATER BAG.

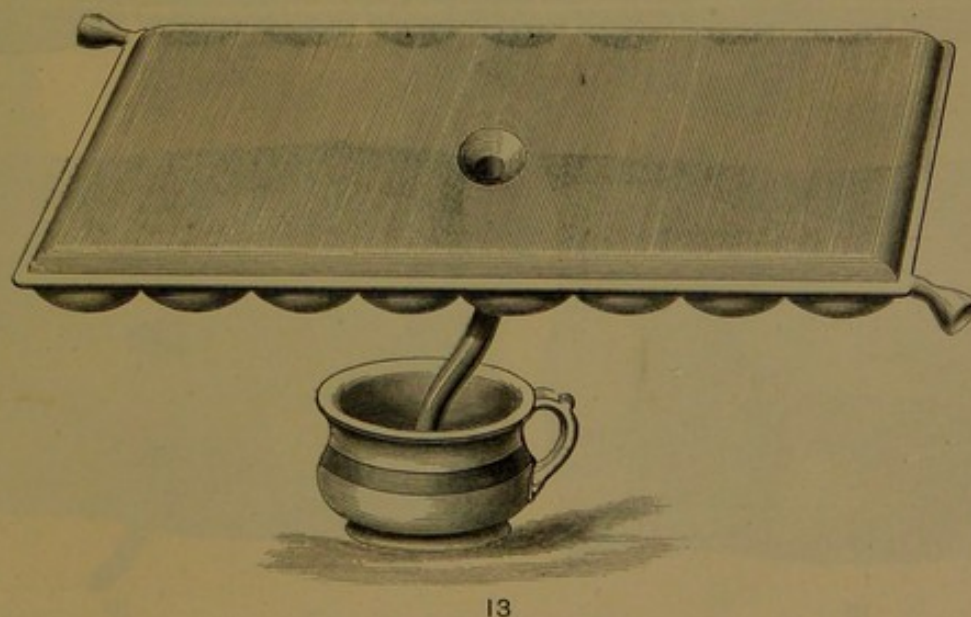
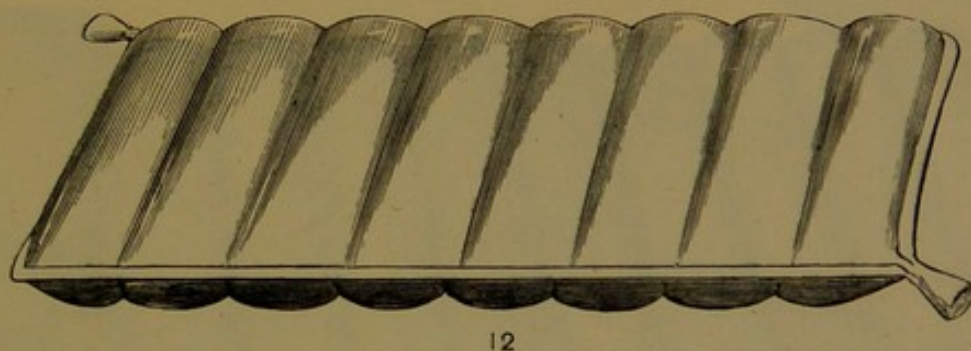
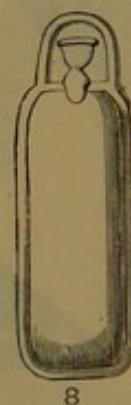
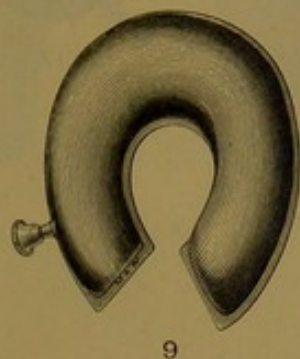
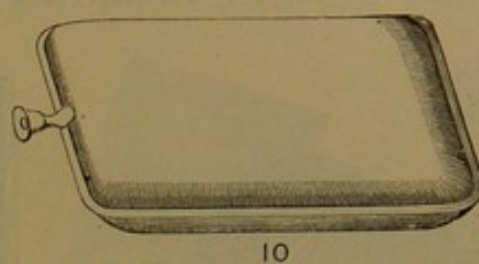
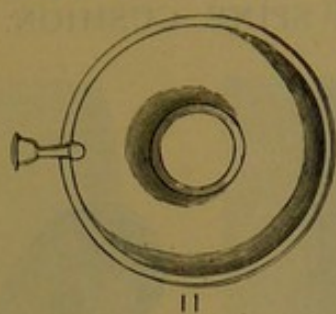


Fig. 8. BAG FOR HOT WATER.
Fig. 9. CUSHION FOR SLOUGHING OF THE
SACRUM.
Fig. 10. CUSHION.

Fig. 11. CUSHION, WITH DEPRESSED
CENTRE.
Fig. 12. MATTRESS.
Fig. 13. MATTRESS, WITH FUNNEL.

BED SHEETS, BELLOWS, MATTRESS, AND SPINE CUSHION.

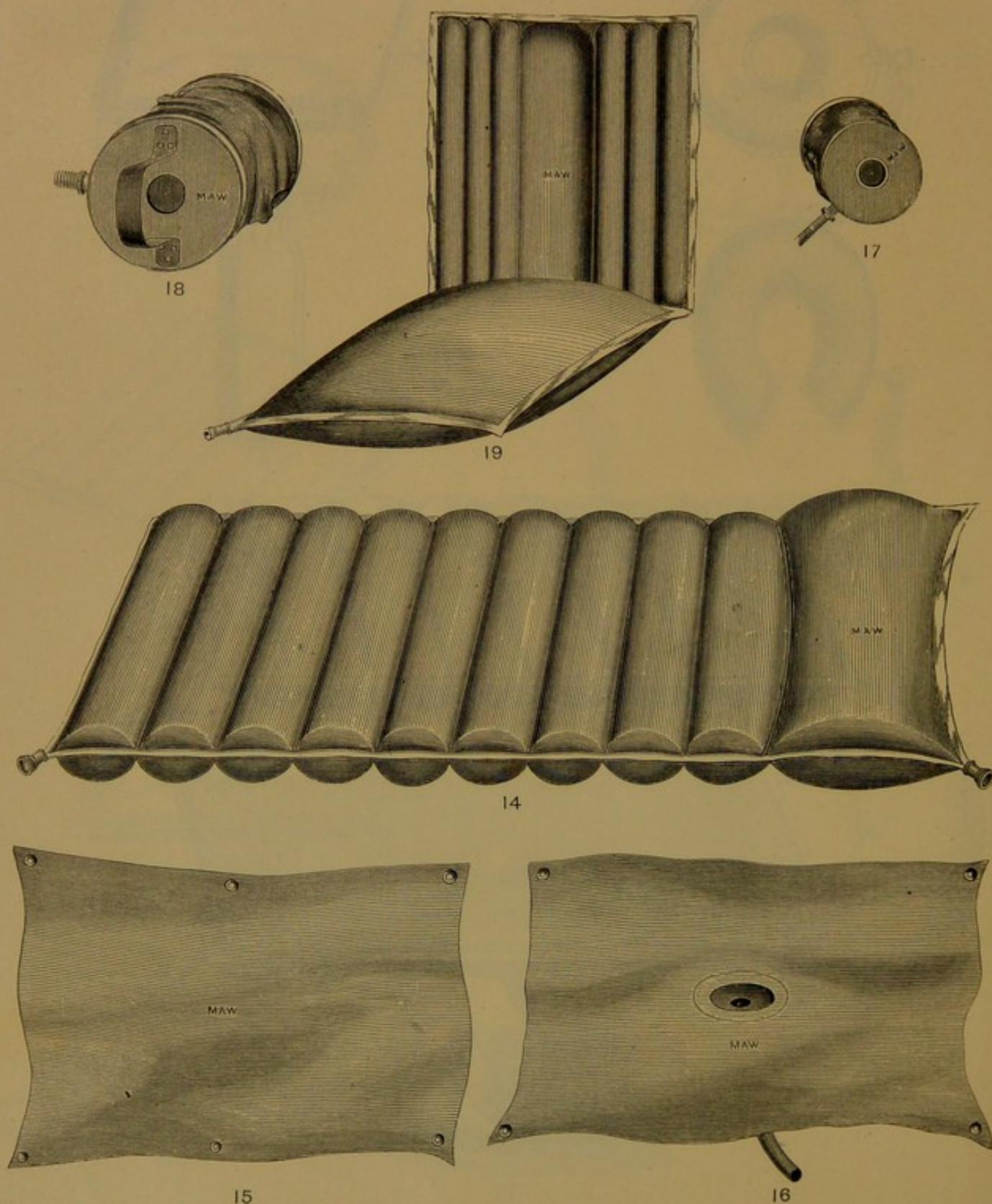


Fig. 14. AIR MATTRESS AND PILLOW.

Fig. 15. BED SHEET.

Fig. 16. BED SHEET, WITH FUNNEL.

Fig. 17. BELLOWS FOR INFLATING CUSHIONS.

Fig. 18. BELLOWS FOR INFLATING MATTRESSES.

Fig. 19. SPINE CUSHION.

ELASTIC STOCKINGS, ETC.

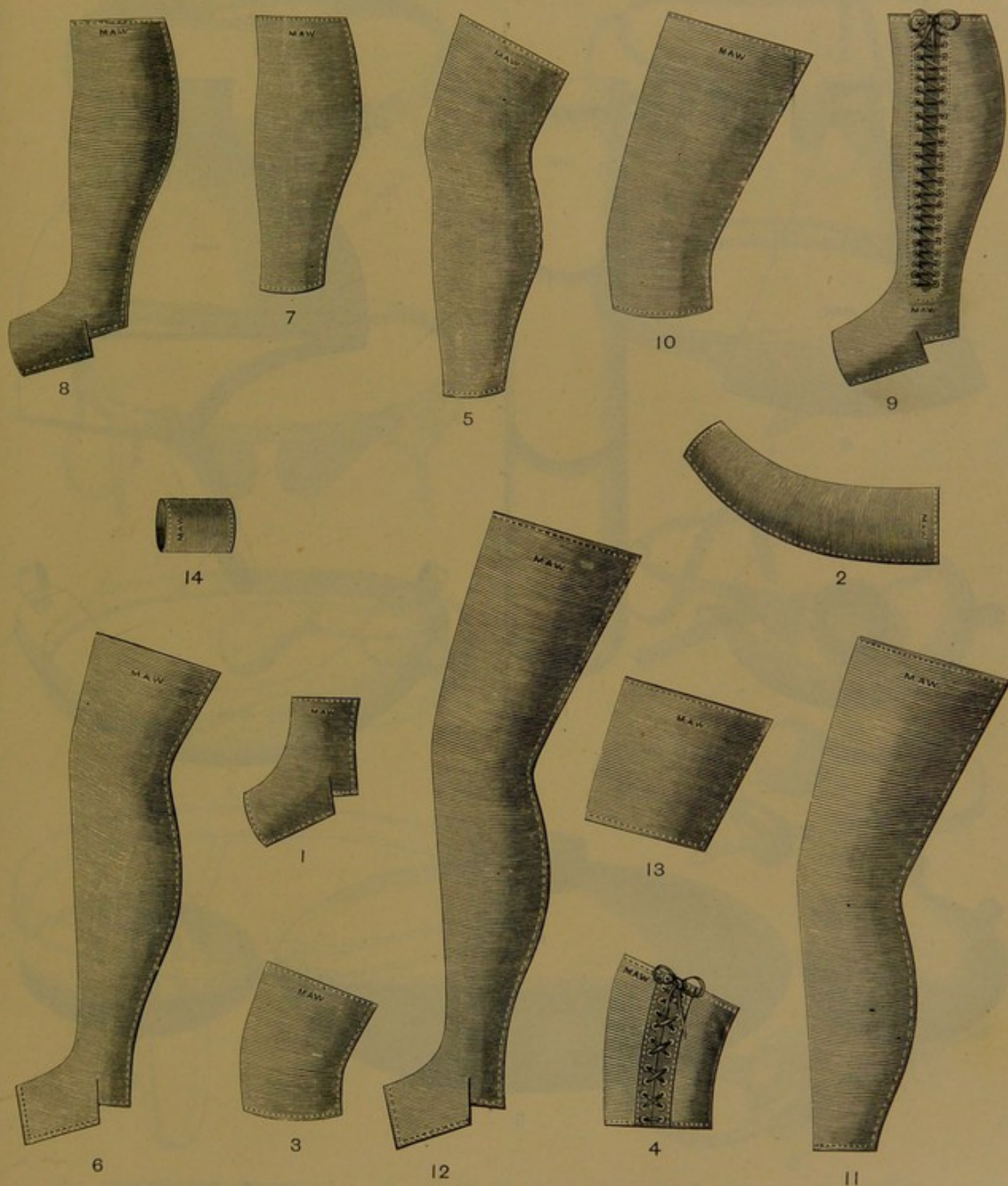
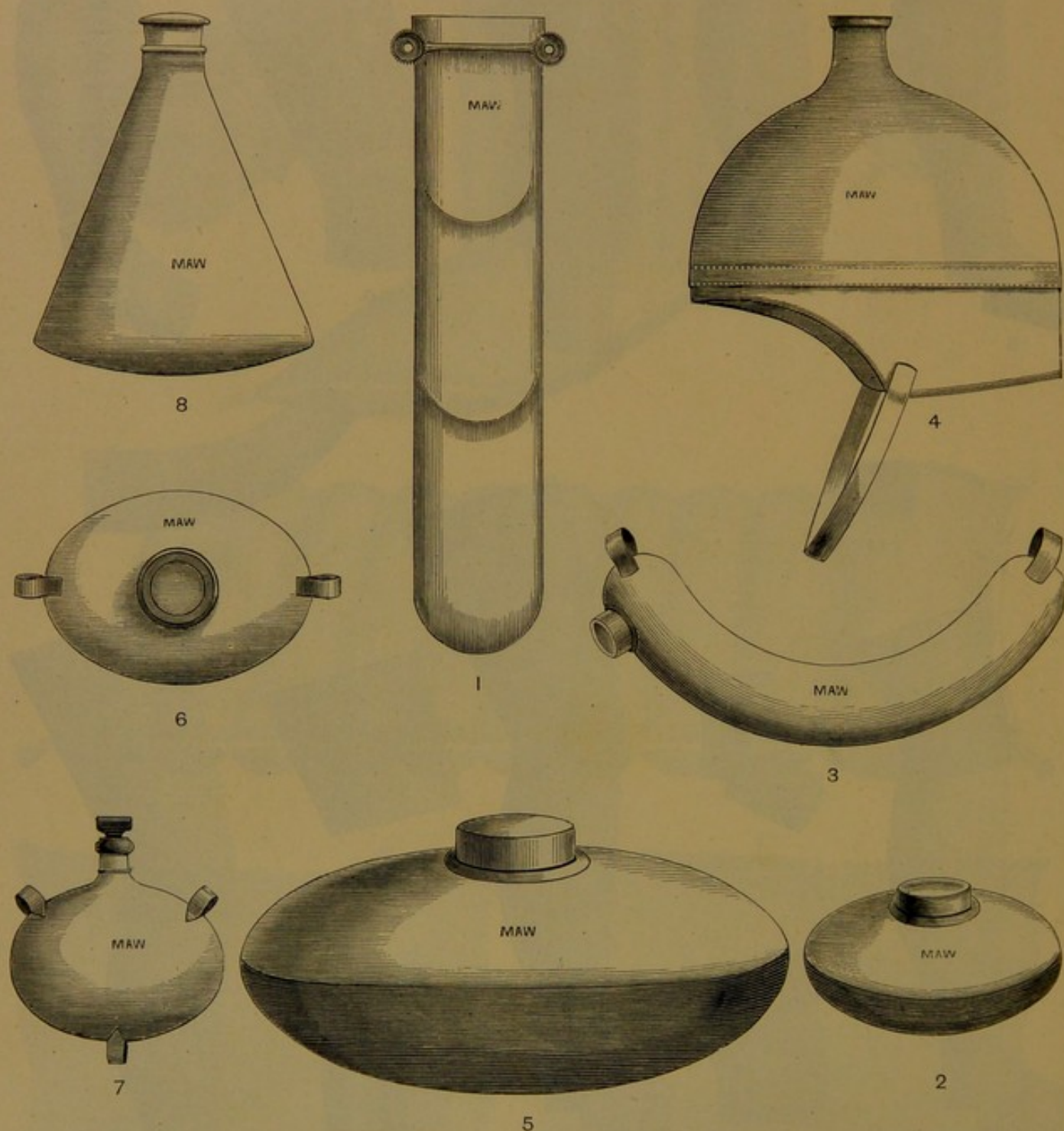


Fig. 1. ANKLET.
 Fig. 2. ARMLET.
 Fig. 3. KNEE-CAP.
 Fig. 4. KNEE-CAP, LACED.
 Fig. 5. KNEE LEGGING.

Fig. 6. KNEE STOCKING.
 Fig. 7. LEGGING.
 Fig. 8. STOCKING.
 Fig. 9. STOCKING, LACED.
 Fig. 10. THIGH KNEE-CAP.

Fig. 11. THIGH LEGGING.
 Fig. 12. THIGH STOCKING.
 Fig. 13. THIGH PIECE.
 Fig. 14. WRISTLET.

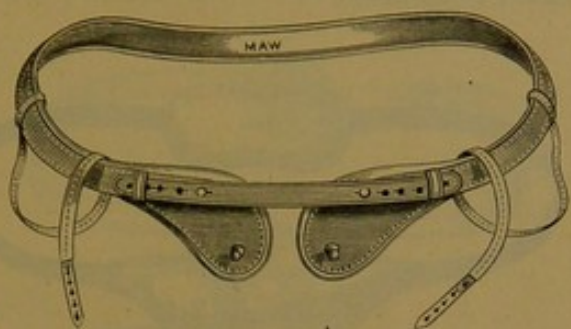
INDIA-RUBBER BAGS FOR THE APPLICATION OF ICE, ETC.



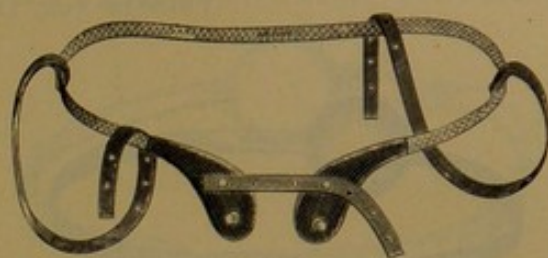
- Fig. 1. CHAPMAN'S, FOR THE SPINE.
 Fig. 2. CIRCULAR, FOR THE HEAD (Three Sizes).
 Fig. 3. CURVED, FOR THE THROAT, FOR HOT OR COLD WATER.
 Fig. 4. HELMET SHAPE, FOR THE HEAD.
 Fig. 5. OVAL SHAPE, FOR THE ABDOMEN.

- Fig. 6. OVAL SHAPE, FOR THE HEART.
 Fig. 7. OVAL SHAPE, FOR THE TEETH, FOR HOT OR COLD WATER.
 Fig. 8. FOR THE HEAD, CHEST, LUMBAR AND INGUINAL REGIONS.

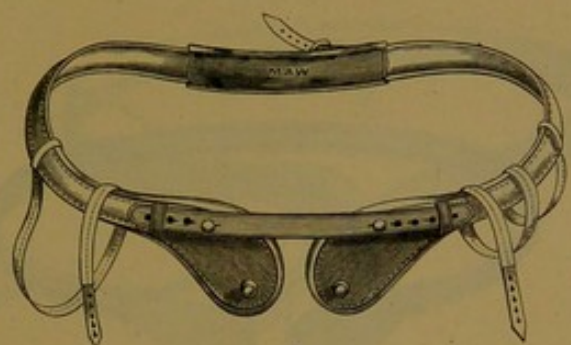
TRUSSES FOR INGUINAL HERNIA.



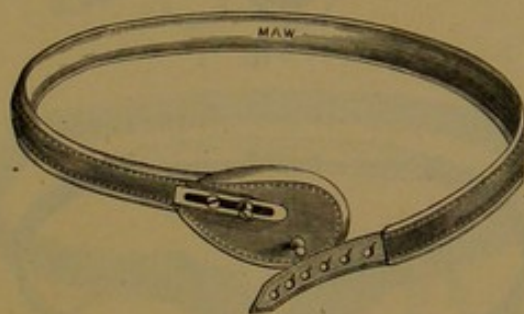
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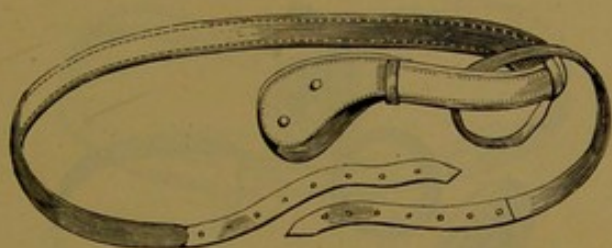
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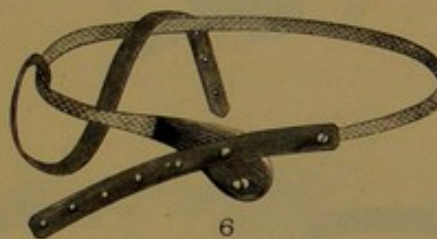
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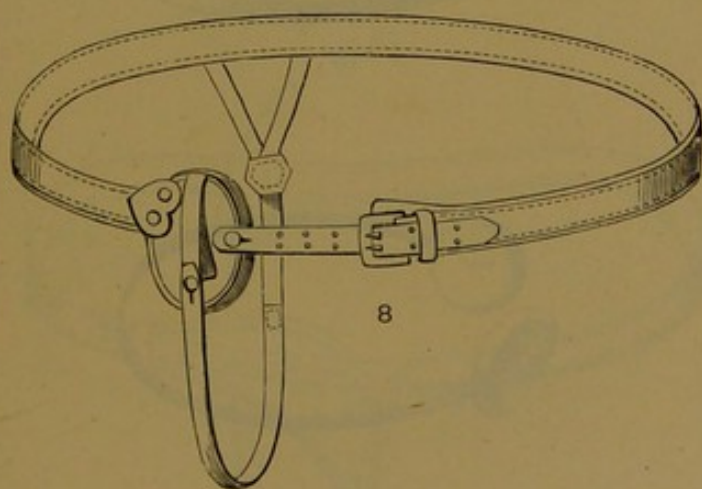
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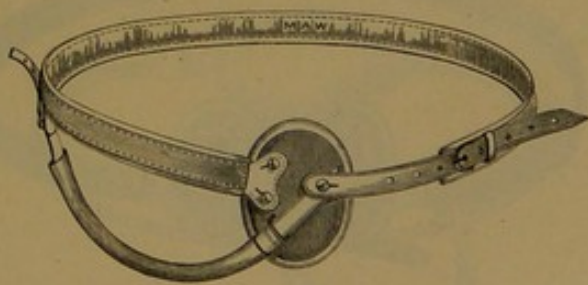
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Fig. 1. CIRCULAR, DOUBLE.

Fig. 2. CIRCULAR, DOUBLE, ELASTIC-GUM, FOR WEAR WHEN BATHING.

Fig. 3. CIRCULAR, DOUBLE, SLIDING BACK.

Fig. 4. CIRCULAR, SINGLE, SLIDING PAD.

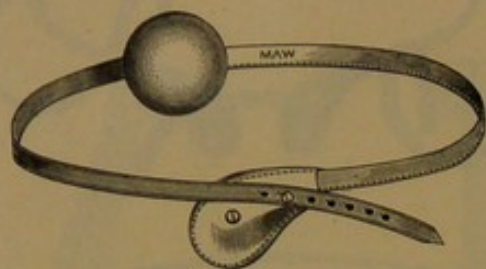
Fig. 5. CIRCULAR, SINGLE.

Fig. 6. CIRCULAR, SINGLE, ELASTIC-GUM, FOR WEAR WHEN BATHING.

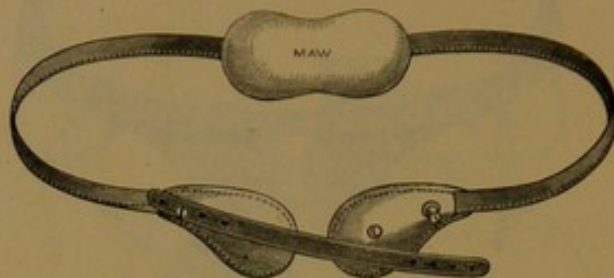
Fig. 7. "DESIDERATUM," FRONT PAD REDUCIBLE TO ANY ANGLE.

Fig. 8. MOC-MAIN.

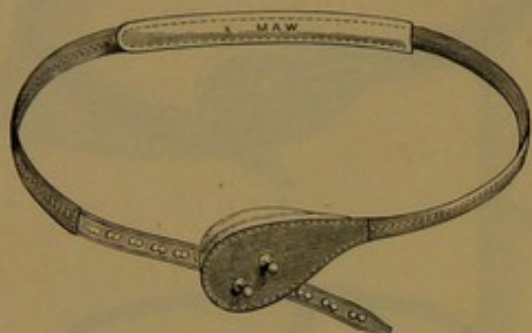
Fig. 9. MOC-MAIN, IMPROVED.

TRUSSES FOR INGUINAL HERNIA (*Continued*).

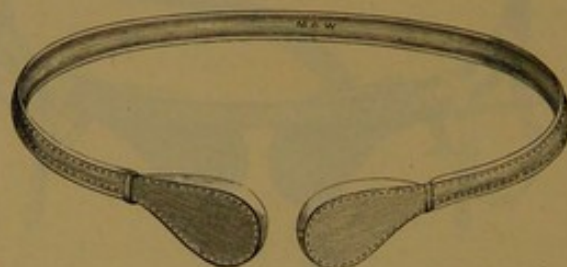
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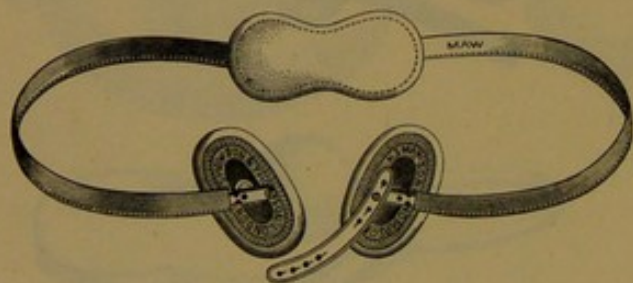
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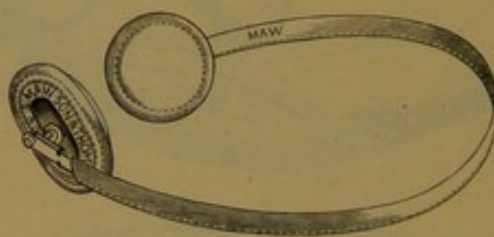
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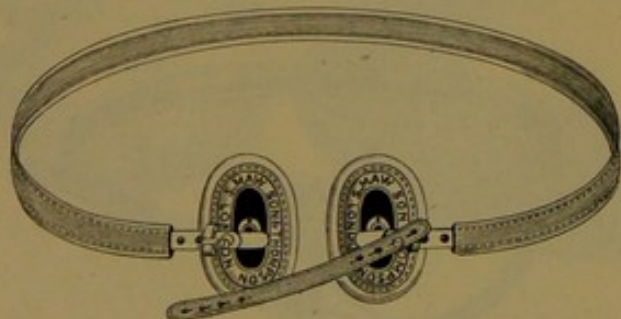
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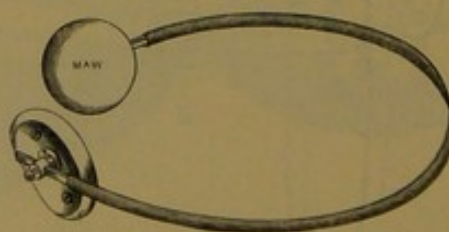
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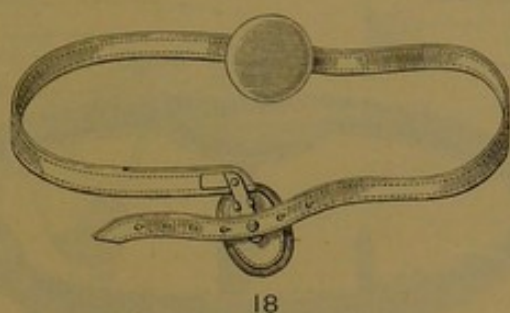


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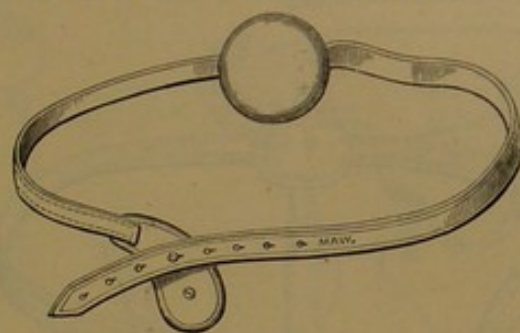
- Fig. 10. COLES', SINGLE.
 Fig. 11. COLES', DOUBLE.
 Fig. 12. COLES', SINGLE, CIRCULAR SPRING.
 Fig. 13. COLES', DOUBLE, CIRCULAR SPRING.

- Fig. 14. SALMON & ODY'S, DOUBLE.
 Fig. 15. SALMON & ODY'S, SINGLE.
 Fig. 16. SALMON & ODY'S, DOUBLE, IMPROVED.
 Fig. 17. SALMON & ODY'S, SINGLE, IMPROVED.

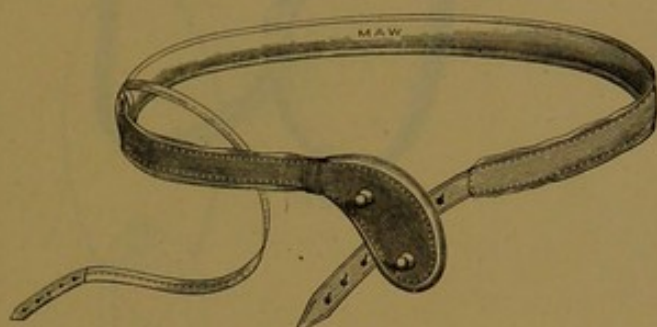
TRUSSES FOR FEMORAL, IRREDUCIBLE, AND SCROTAL HERNIA.



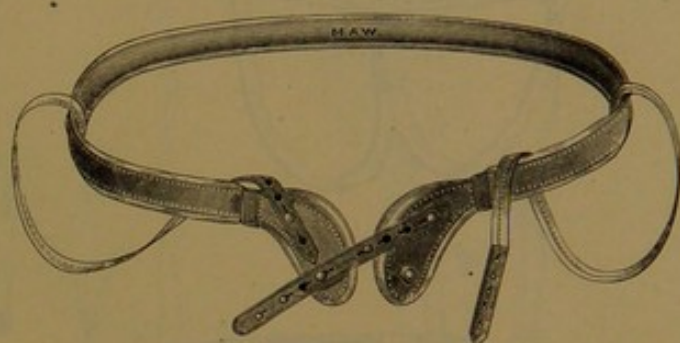
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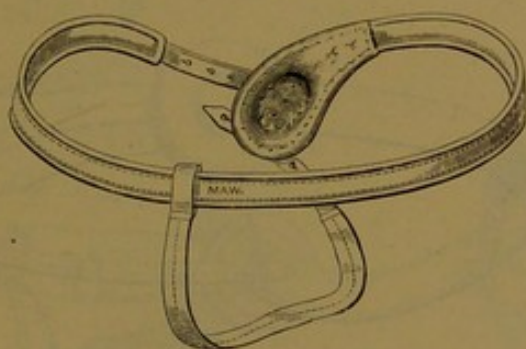
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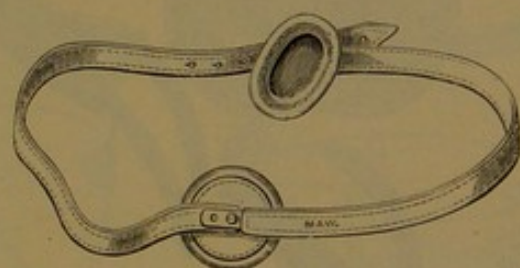
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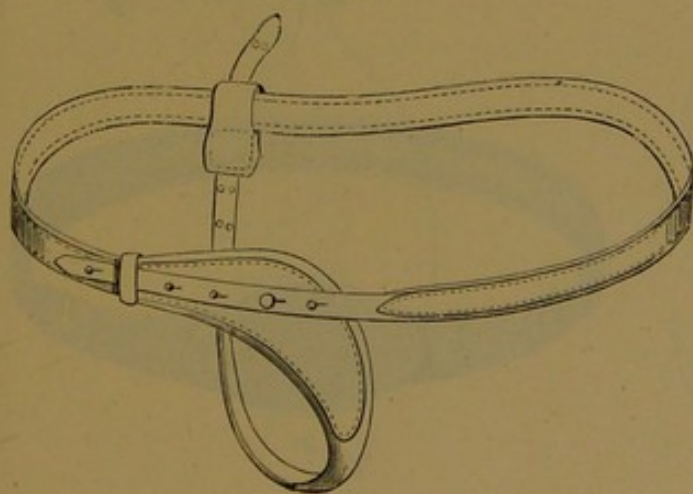
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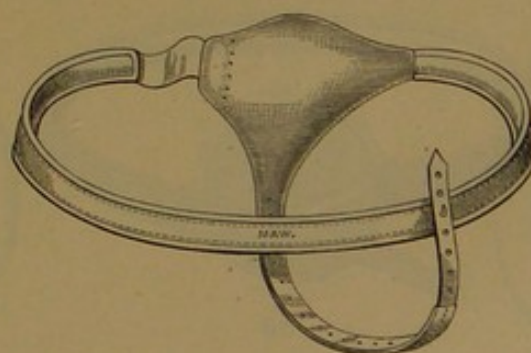
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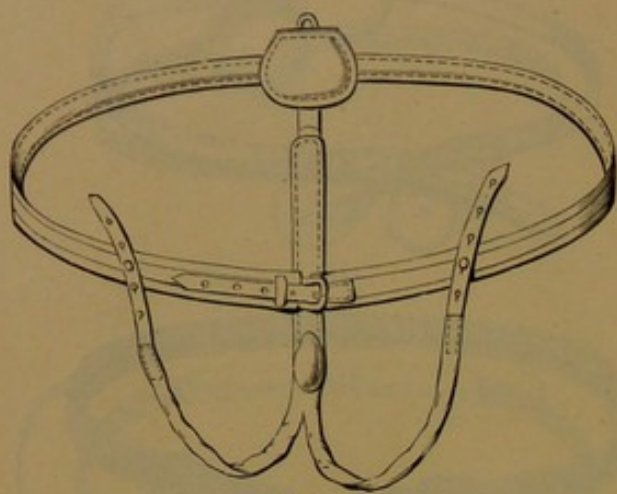


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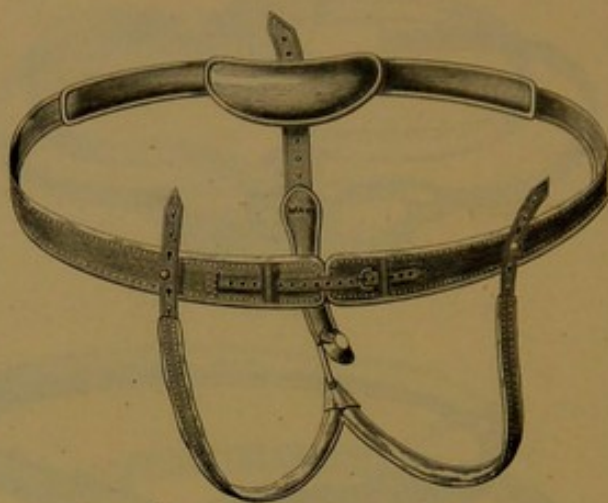
- Fig. 18. FEMORAL, SINGLE, WITH REVOLVING PAD.
 Fig. 19. FEMORAL, SINGLE, COLES'.
 Fig. 20. FEMORAL, CIRCULAR, SINGLE.
 Fig. 21. FEMORAL, CIRCULAR, DOUBLE.

- Fig. 22. } IRREDUCIBLE, HOLLOW PAD.
 Fig. 23. }
 Fig. 24. SCROTAL, CIRCULAR, SINGLE.
 Fig. 25. SCROTAL, CIRCULAR, SINGLE, IMPROVED.

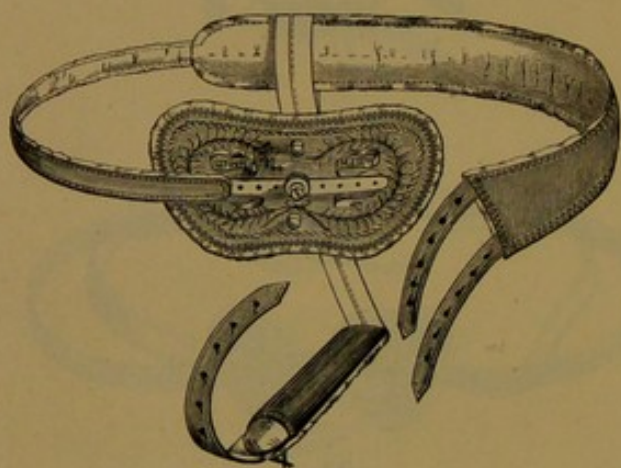
TRUSSES FOR PROLAPSUS AND UMBILICAL HERNIA.



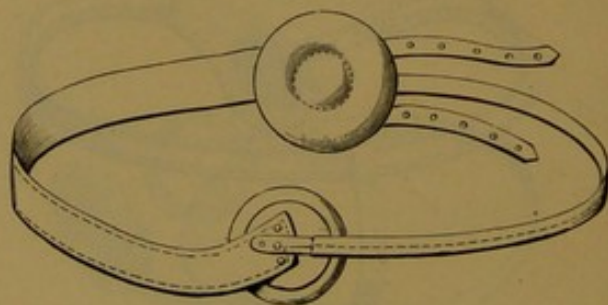
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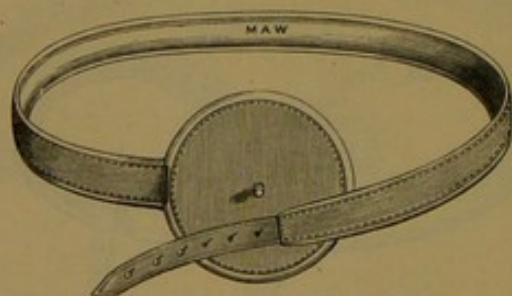
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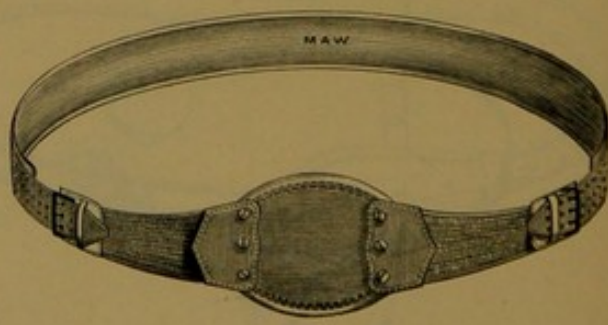
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- Fig. 26. PROLAPSE OF THE RECTUM.
 Fig. 27. PROLAPSE OF THE RECTUM, MAW'S.
 Fig. 28. PROLAPSE OF THE UTERUS, HULL'S.

- Fig. 29. UMBILICAL HERNIA.
 Fig. 30. UMBILICAL HERNIA, CIRCULAR SPRING.
 Fig. 31. UMBILICAL HERNIA, LEATHER BAND, MOC-MAIN PAD.

U R I N A L S.

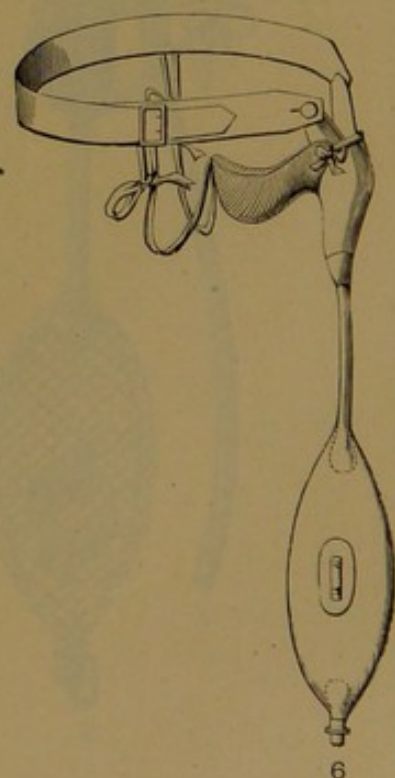
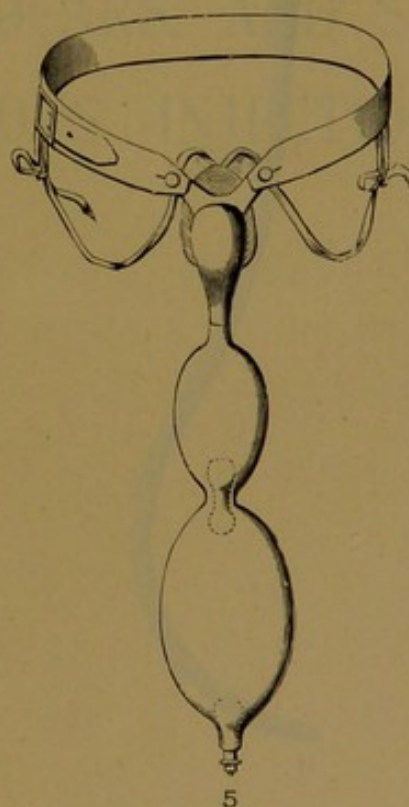
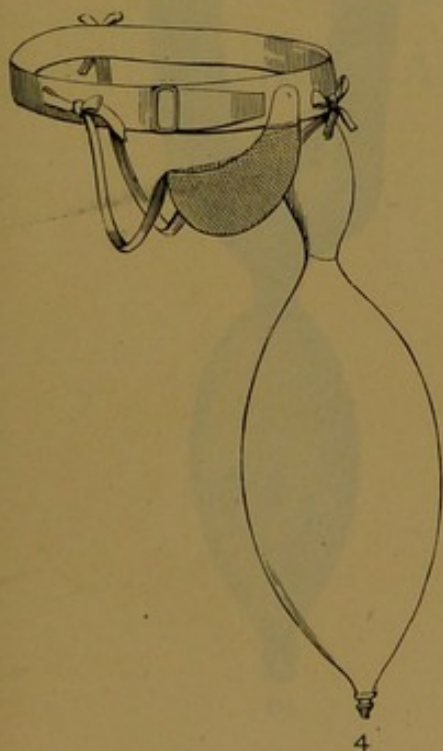
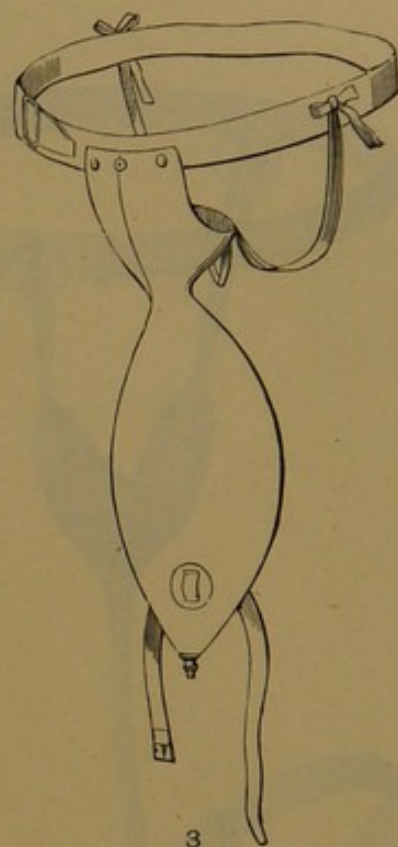
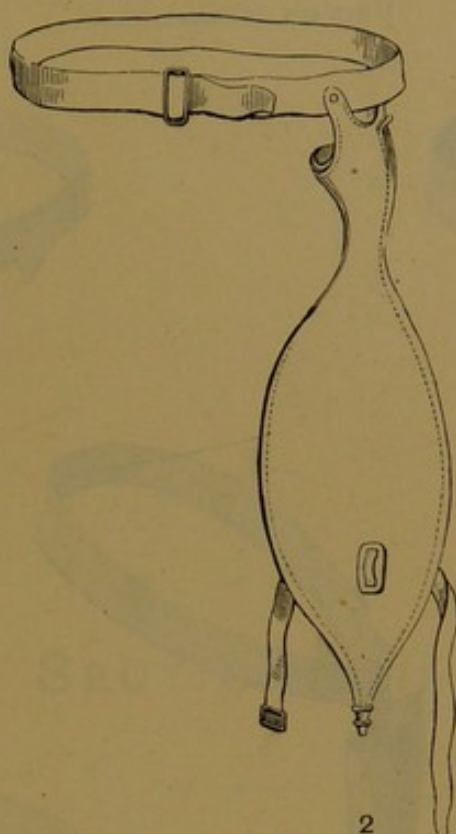
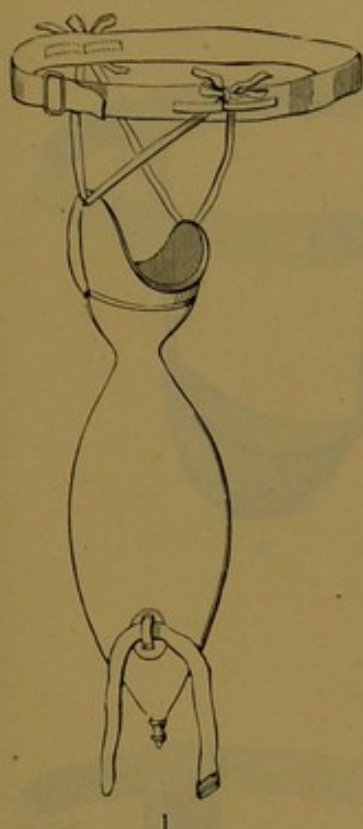


Fig. 1. FEMALE.

Fig. 2. MALE, FOR DAY USE AND TRAVELLING.

Fig. 3. MALE, TO CONTAIN THE SCROTUM.

Fig. 4. MALE, FOR NIGHT USE.

Fig. 5. MALE, FOR NIGHT USE, WITH DOUBLE CHAMBER.

Fig. 6. MALE, FOR DAY AND NIGHT USE.

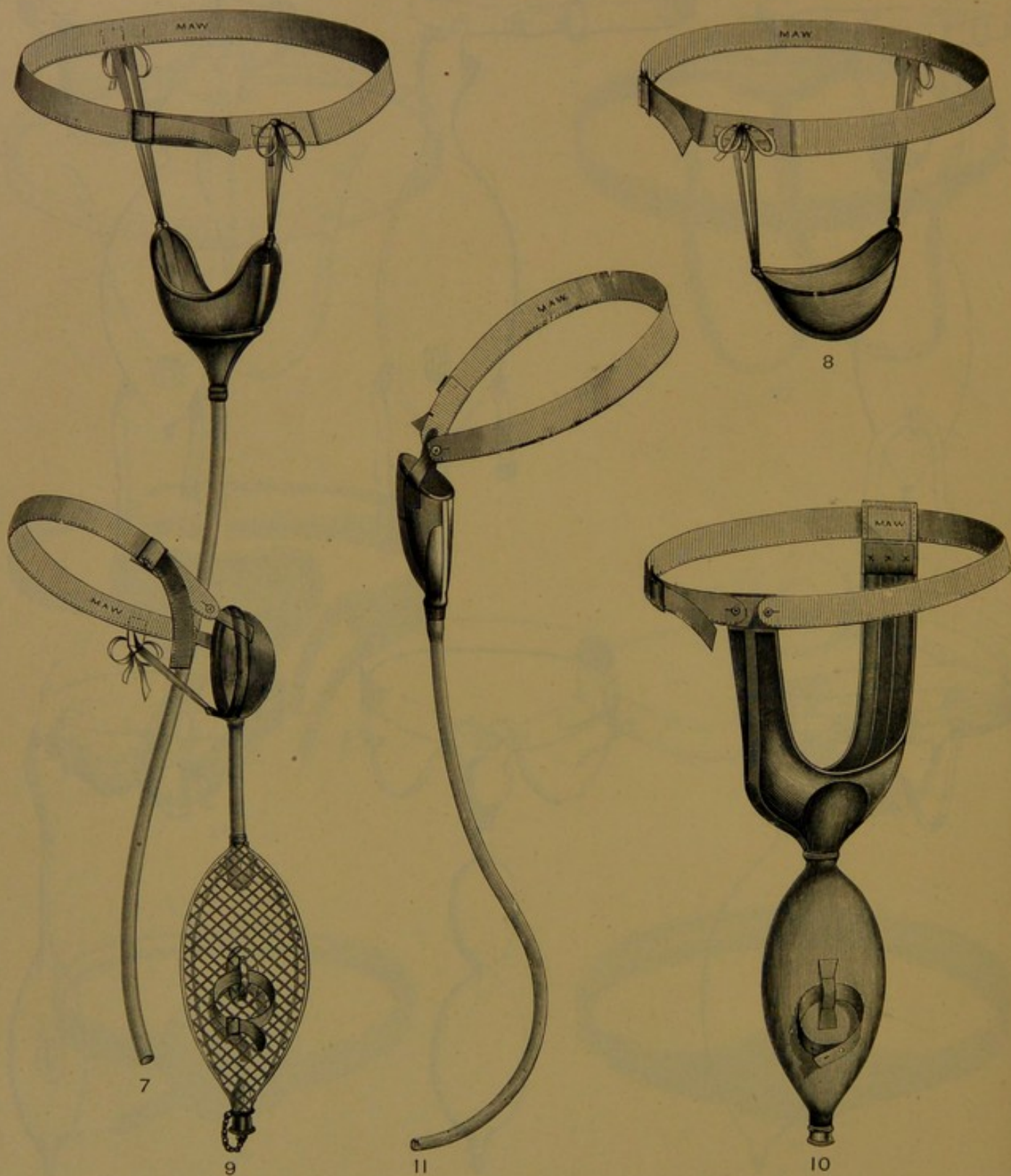
URINALS (*Continued*).

Fig. 7. } FEMALE, FOR BED USE.
 Fig. 8. }
 Fig. 9. FOR EXTROVERSION OF BLADDER.

Fig. 10. FOR FÆCES AND URINE, MALE OR FEMALE.
 Fig. 11. MALE, FOR BED USE.

SECTION XIII.

ASPIRATORS, TROCARS, AND SYRINGES FOR
SUBCUTANEOUS INJECTIONS, ETC.

CONTENTS OF SECTION XIII.

ASPIRATORS :—

DIEULAFOY'S.

MAW'S.

SYRINGES FOR SUBCUTANEOUS INJECTIONS :—

SCREW PISTON.

SLIDE PISTON.

SLIDE AND SCREW PISTON.

TROCARS :—

ABDOMEN.

TROCARS (*Continued*) :—

ANASARCA, SOUTHEY'S.

ASCITES, SOUTHEY'S.

BLADDER.

EVACUATION, BIRD'S.

EXPLORING.

HYDROCELE.

PARACENTESIS THORACIS.

SYPHON.

ASPIRATORS.

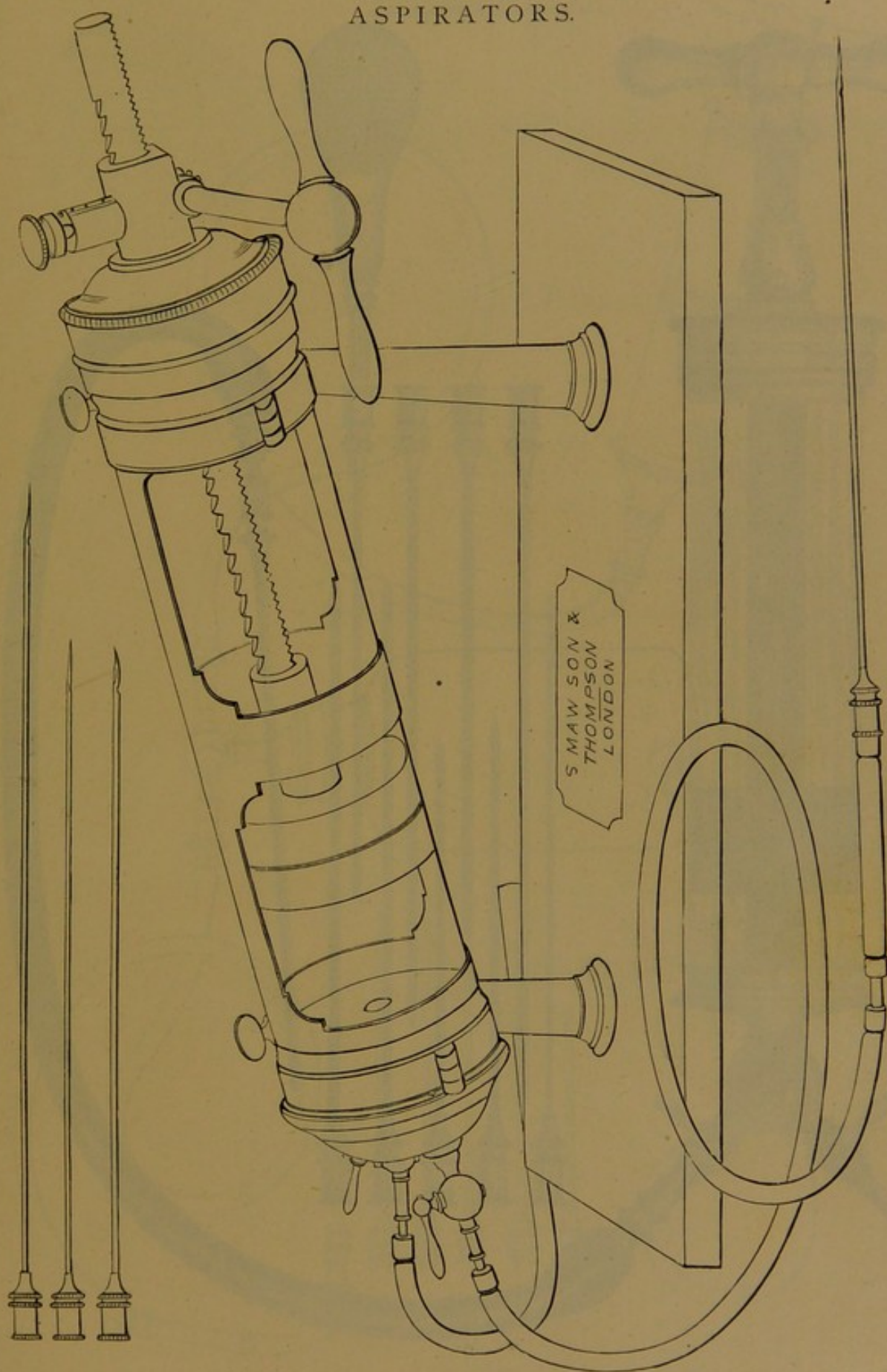


Fig. 1. DIEULAFOY'S, WITH INLET AND OUTLET TUBES, CANULAS AND NEEDLES. (Specially adapted for Hospitals.)

ASPIRATORS (Continued).

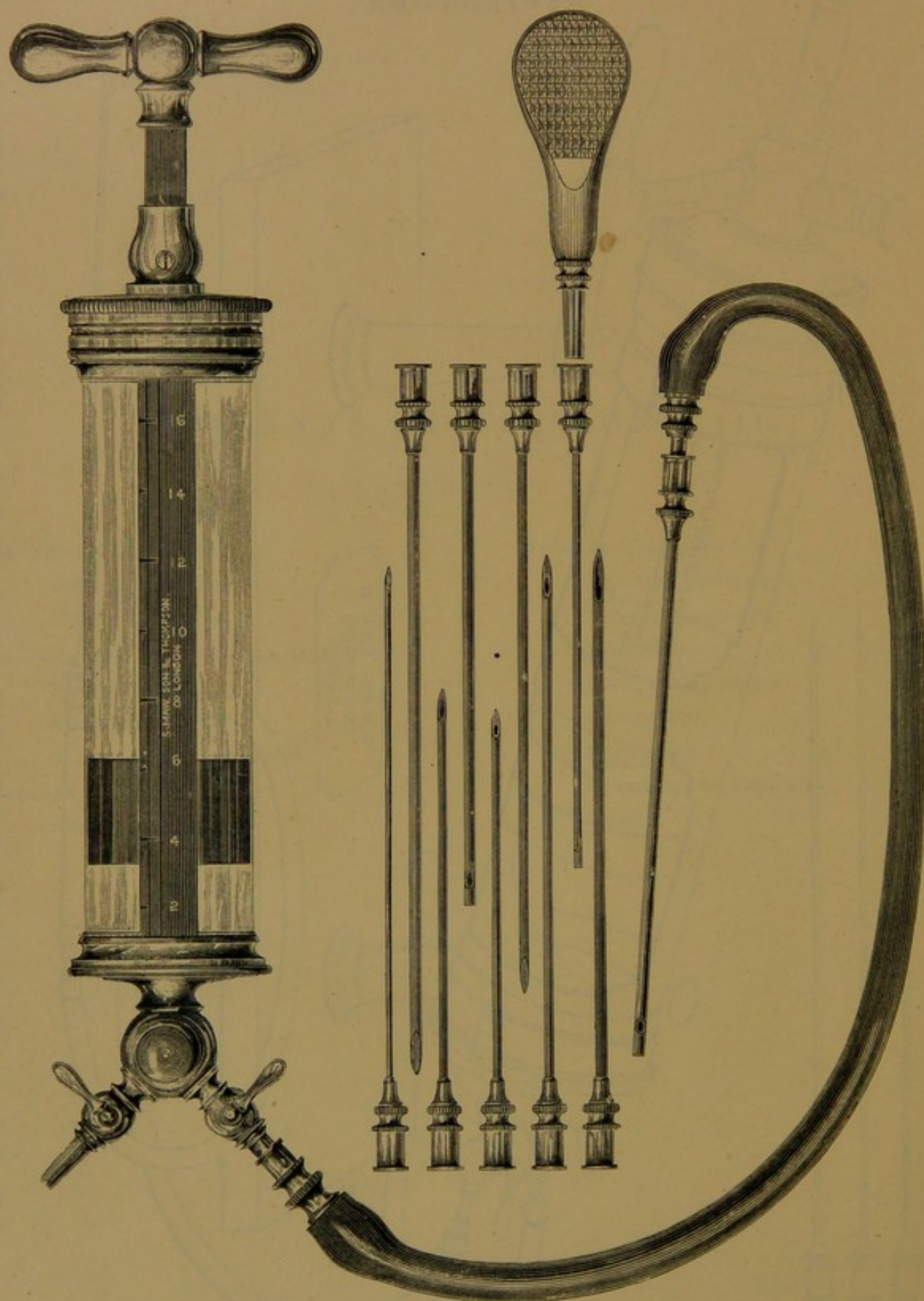
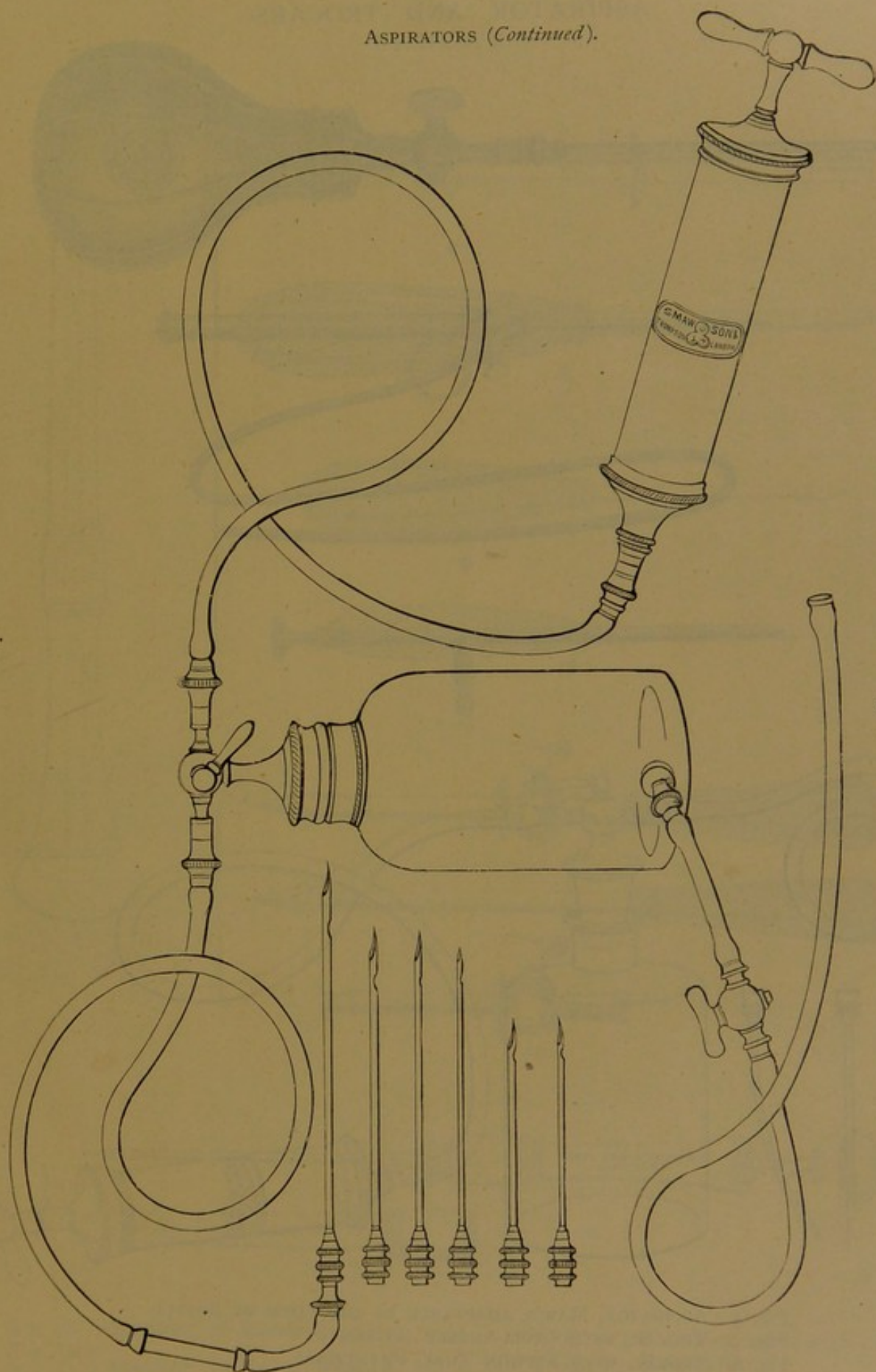


Fig. 2. DIEULAFOY'S, WITH TWO STOP-COCKS, CANULAS AND NEEDLES.

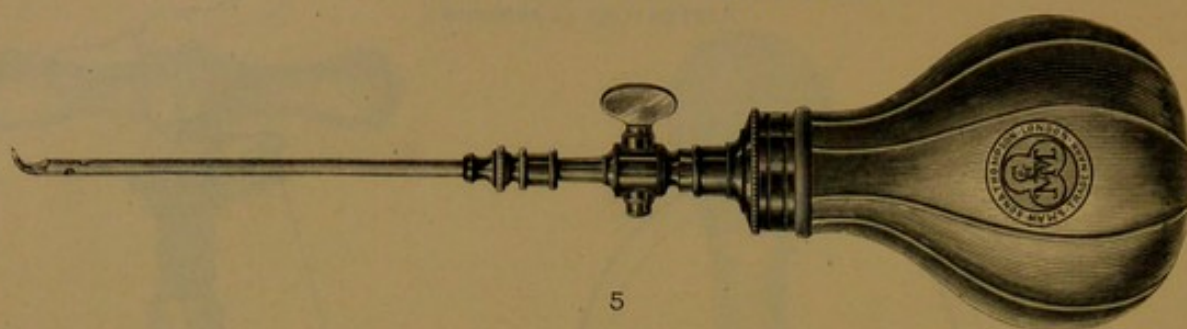
ASPIRATORS (Continued).



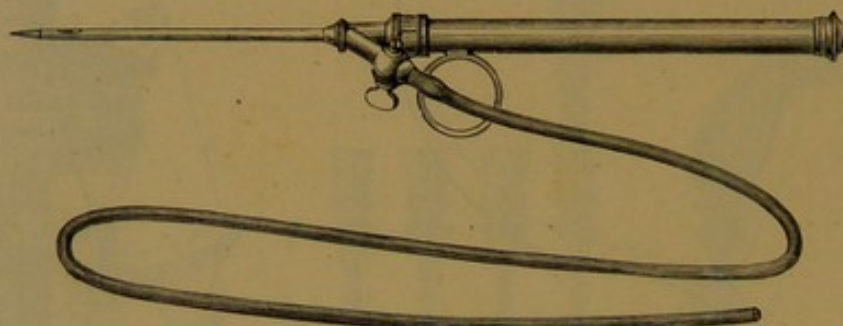
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Fig. 3. WITH GLASS CHAMBER, INLET AND OUTLET TUBES, AND NEEDLES.

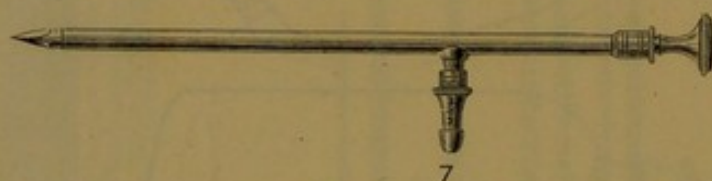
ASPIRATOR AND TROCARS.



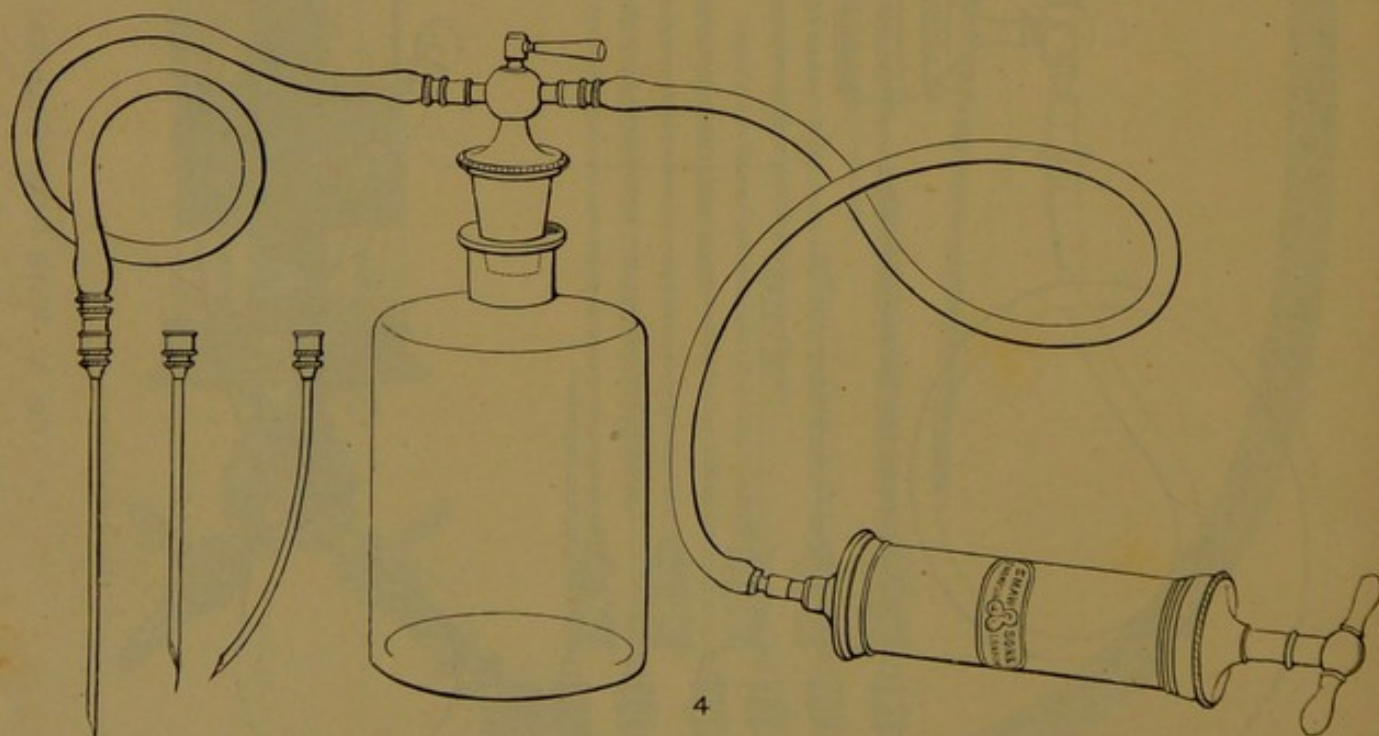
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4

- Fig. 4. ASPIRATOR, MAW'S, ADAPTABLE TO ANY FORM OF BOTTLE.
 Fig. 5. TROCAR, WITH INDIA-RUBBER BOTTLE.
 Fig. 6. TROCAR, WITH SYPHON TUBE, FRÄNTZEL'S.
 Fig. 7. TROCAR, SYPHON, THOMPSON'S.

TROCARS.

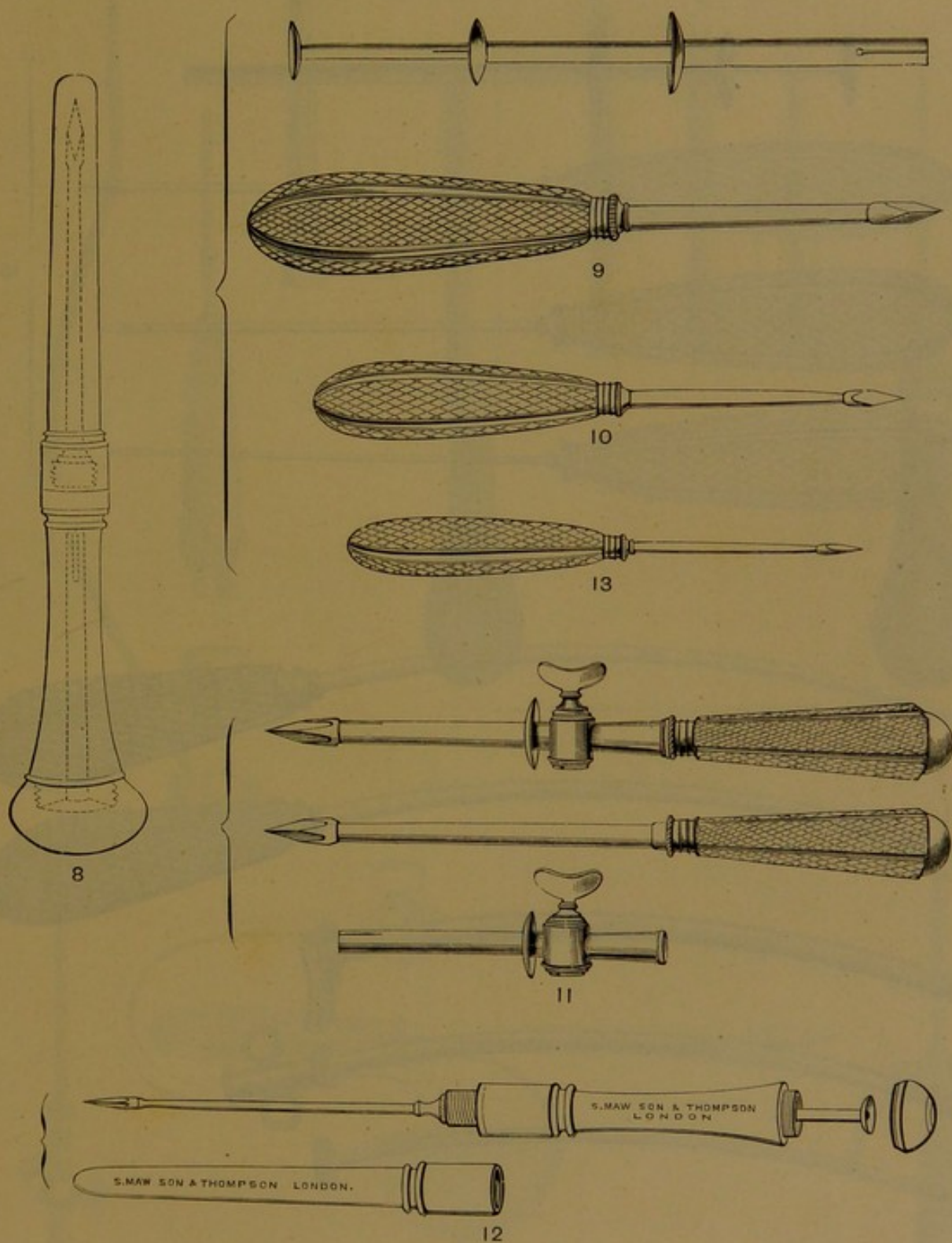


Fig. 8. ABDOMEN, IN EBONY CASE.
Fig. 9. } ABDOMEN, IN EBONY HANDLE.
Fig. 10. }

Fig. 11. ABDOMEN, WITH STOP-COCK.
Fig. 12. EXPLORING.
Fig. 13. HYDROCELE.

TROCARS (Continued).

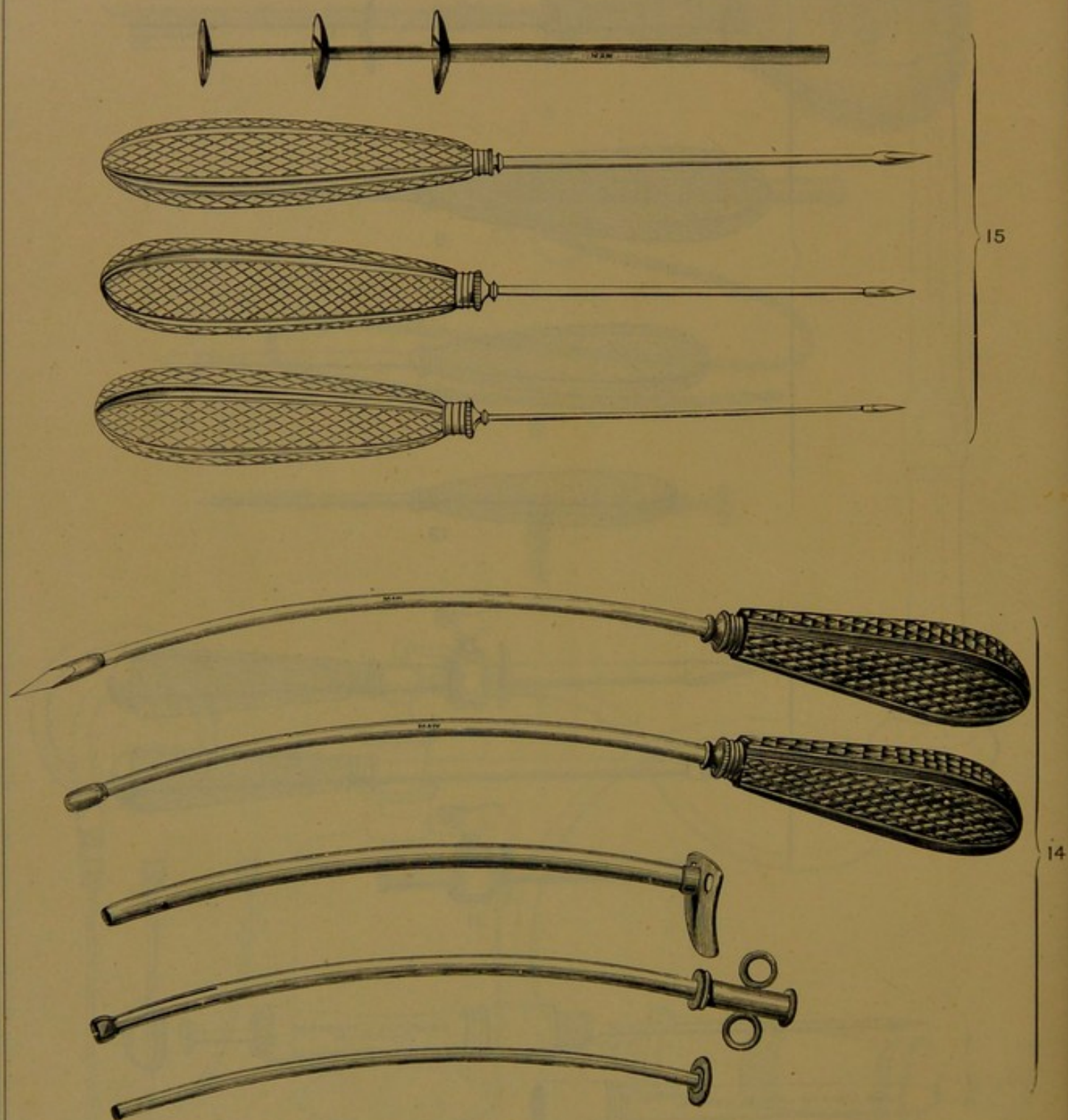


Fig. 14. COCK'S SET, WITH CANULAS, FOR THE BLADDER.

Fig. 15. LONG FINE POINTS, WITH CANULAS FOR EXPLORING.

TROCARS (Continued).

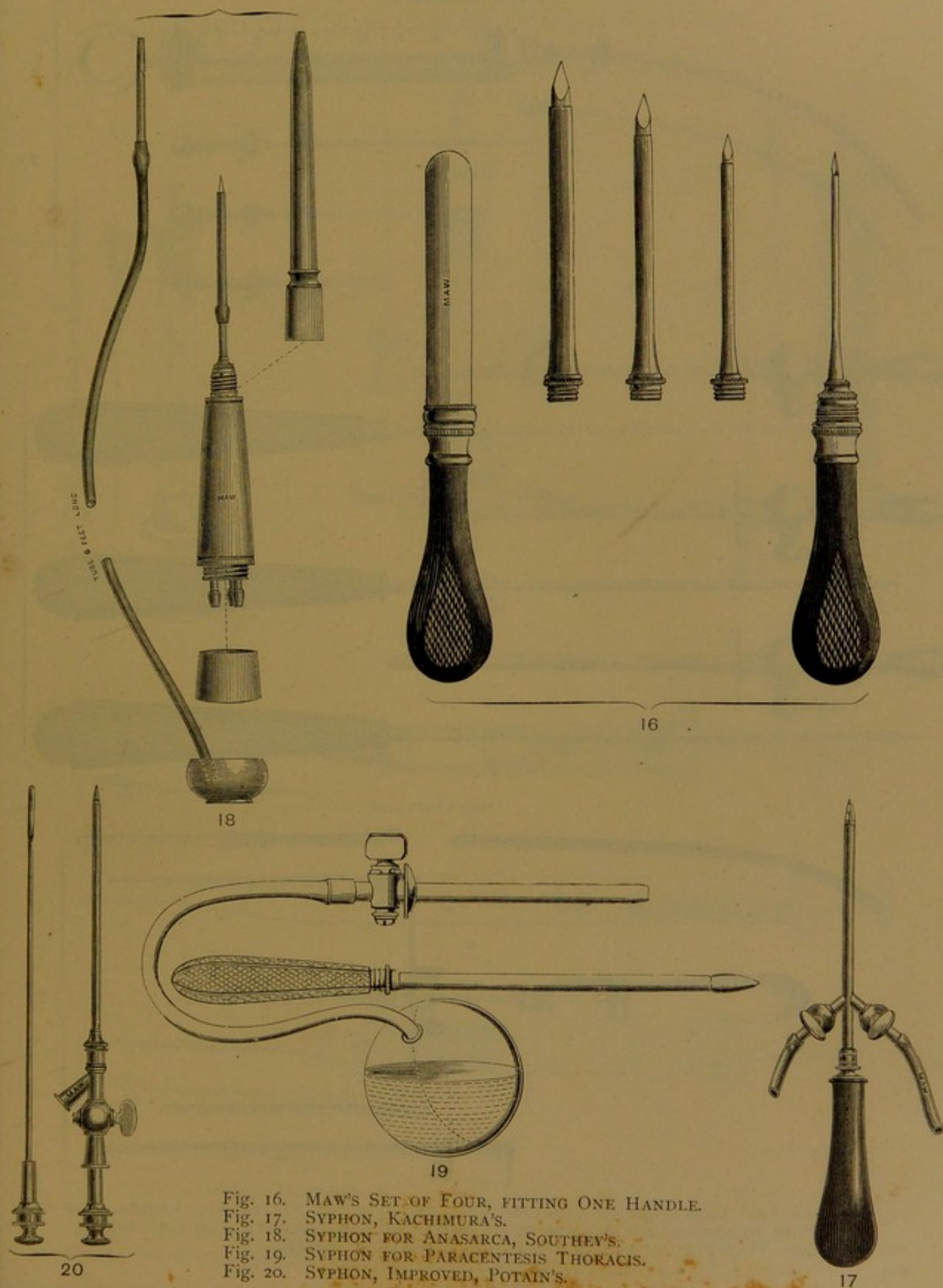


Fig. 16. MAW'S SET OF FOUR, FITTING ONE HANDLE.
 Fig. 17. SYPHON, KACHIMURA'S.
 Fig. 18. SYPHON FOR ANASARCA, SOUTHEY'S.
 Fig. 19. SYPHON FOR PARACENTESIS THORACIS.
 Fig. 20. SYPHON, IMPROVED, POTAIN'S.

TROCARS (Continued).

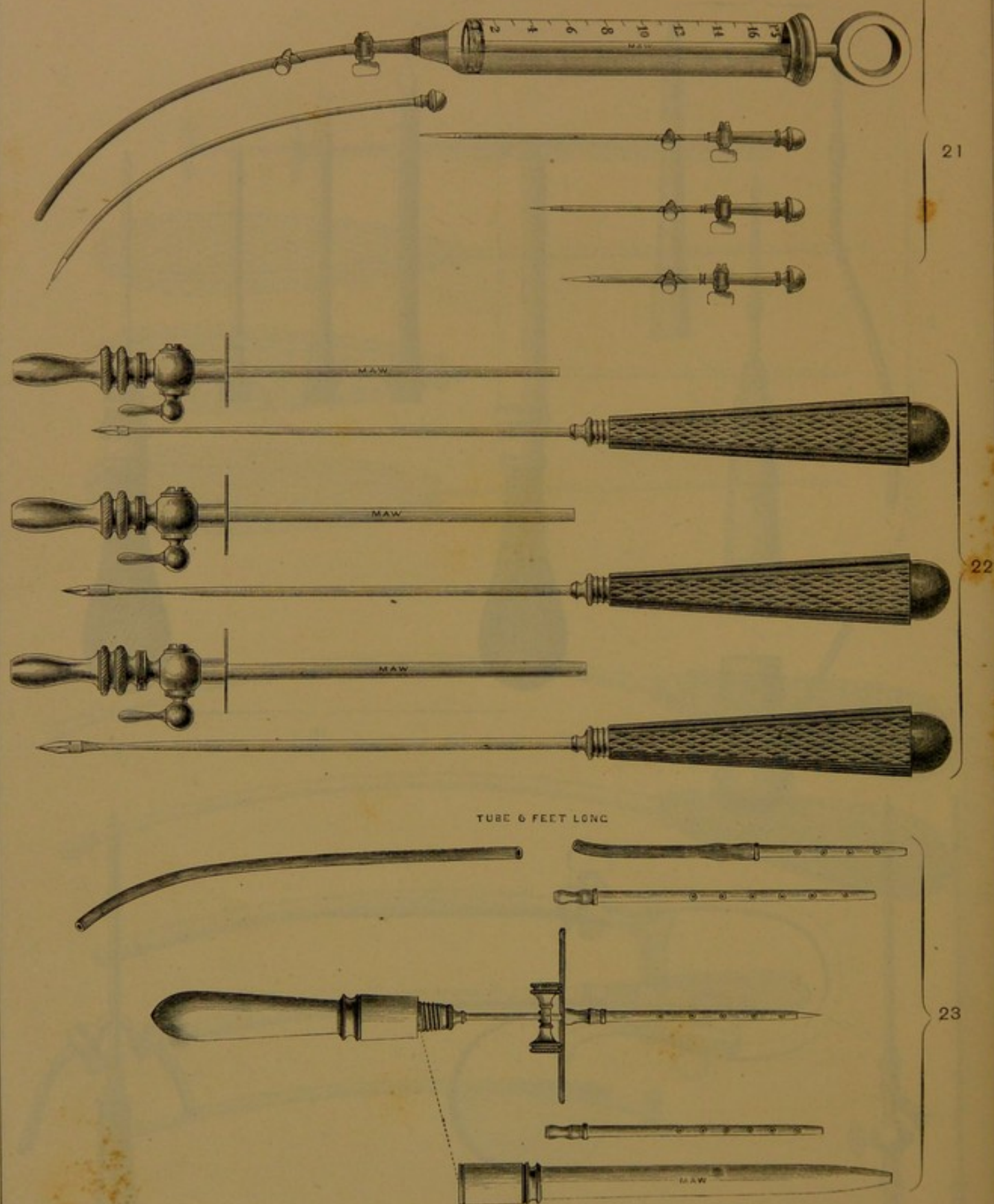


Fig. 21. FOR THE ASPIRATION OF TUMOURS, ETC., THROUGH THE RECTUM AND VAGINA, AND FOR THE DIAGNOSIS AND TREATMENT OF EFFUSIONS AND ENCYSTED TUMOURS, BIRD'S.
 Fig. 22. LONG FINE POINTS, WITH CANULAS AND STOP-COCKS, ROBERTS'.

Fig. 23. SYPHON, WITH CANULAS, FOR ASCITES, SOUTHEY'S.

SYRINGES, FOR SUBCUTANEOUS INJECTIONS.

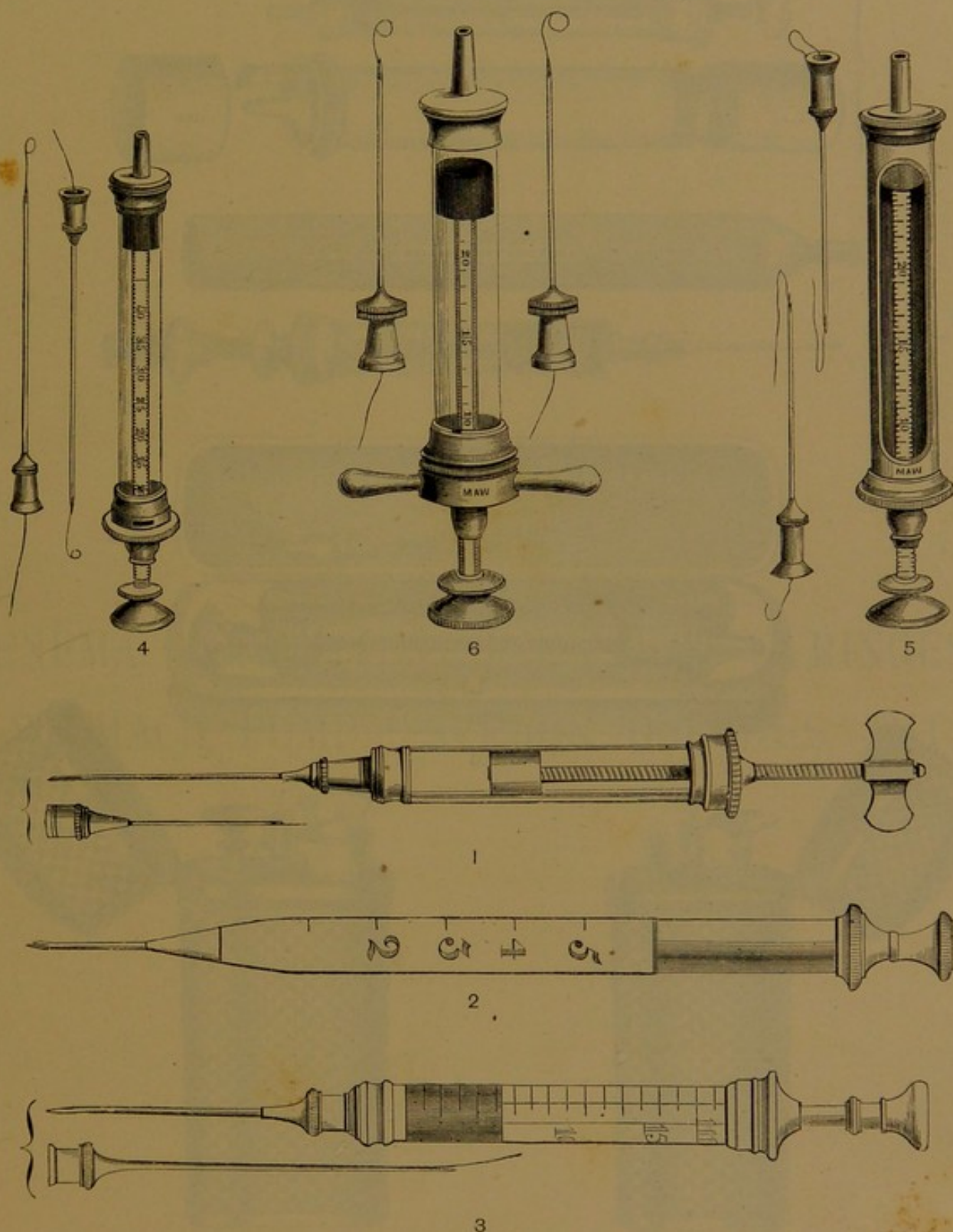


Fig. 1. SCREW PISTON, HUNTER'S.
 Fig. 2. SLIDE PISTON.
 Fig. 3. SLIDE PISTON, PRAVA'S.
 Fig. 4. SLIDE AND SCREW PISTON.

Fig. 5. SLIDE AND SCREW PISTON, SHIFTING BARREL.
 Fig. 6. SLIDE AND SCREW PISTON, WITH FINGER BARS.

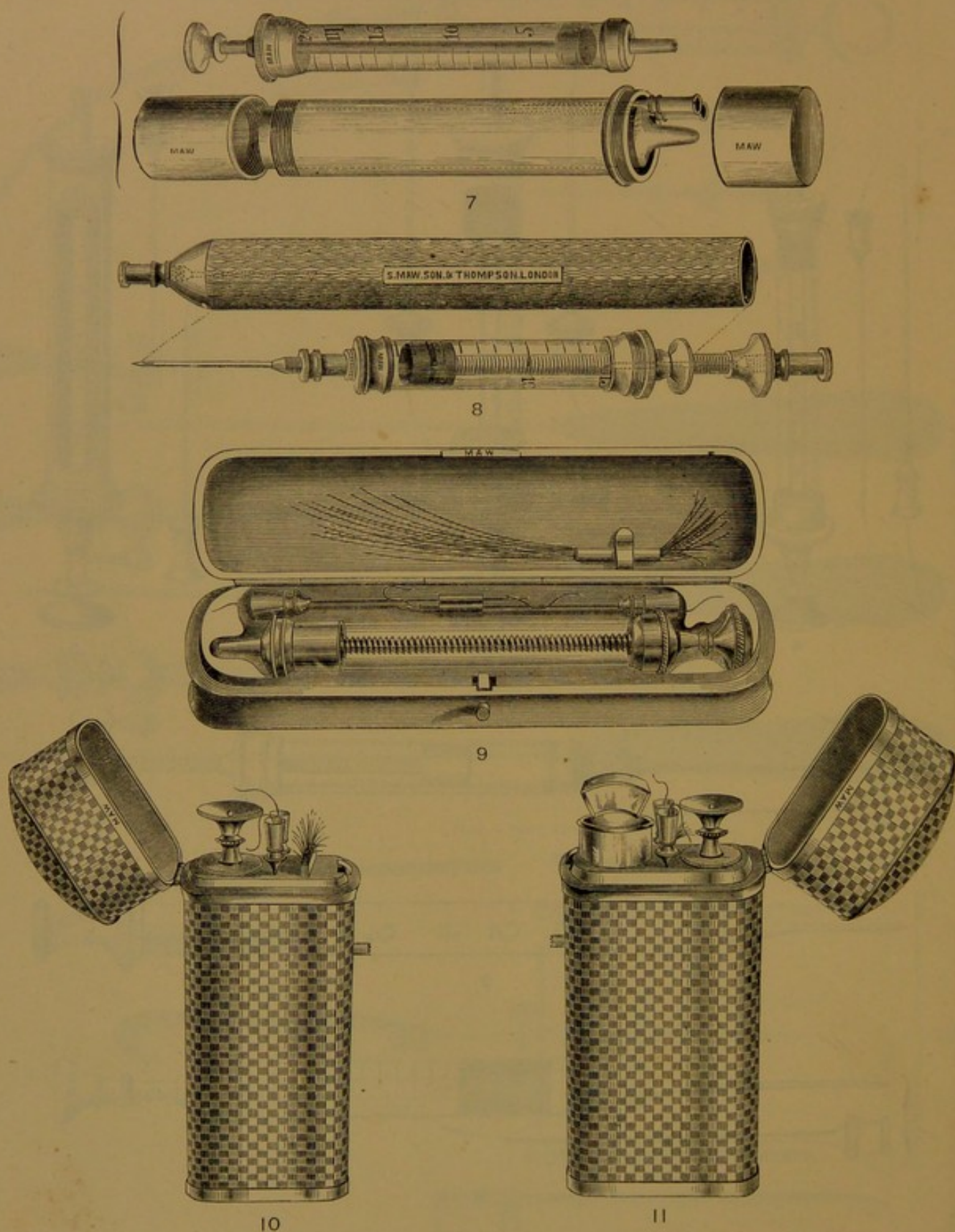
SYRINGES, FOR SUBCUTANEOUS INJECTIONS (*Continued*).

Fig. 7. SLIDE PISTON, METAL CASE.

Figs. 8 } SLIDE AND SCREW PISTON, NICKEL-PLATED CASE.
to 10. }

Fig. 11. SLIDE AND SCREW PISTON, WITH BOTTLE, NICKEL-PLATED CASE.

SECTION XIV.

ENEMA APPARATUS, INJECTION SYRINGES,
STOMACH PUMPS, SYPHON DOUCHES, ETC.

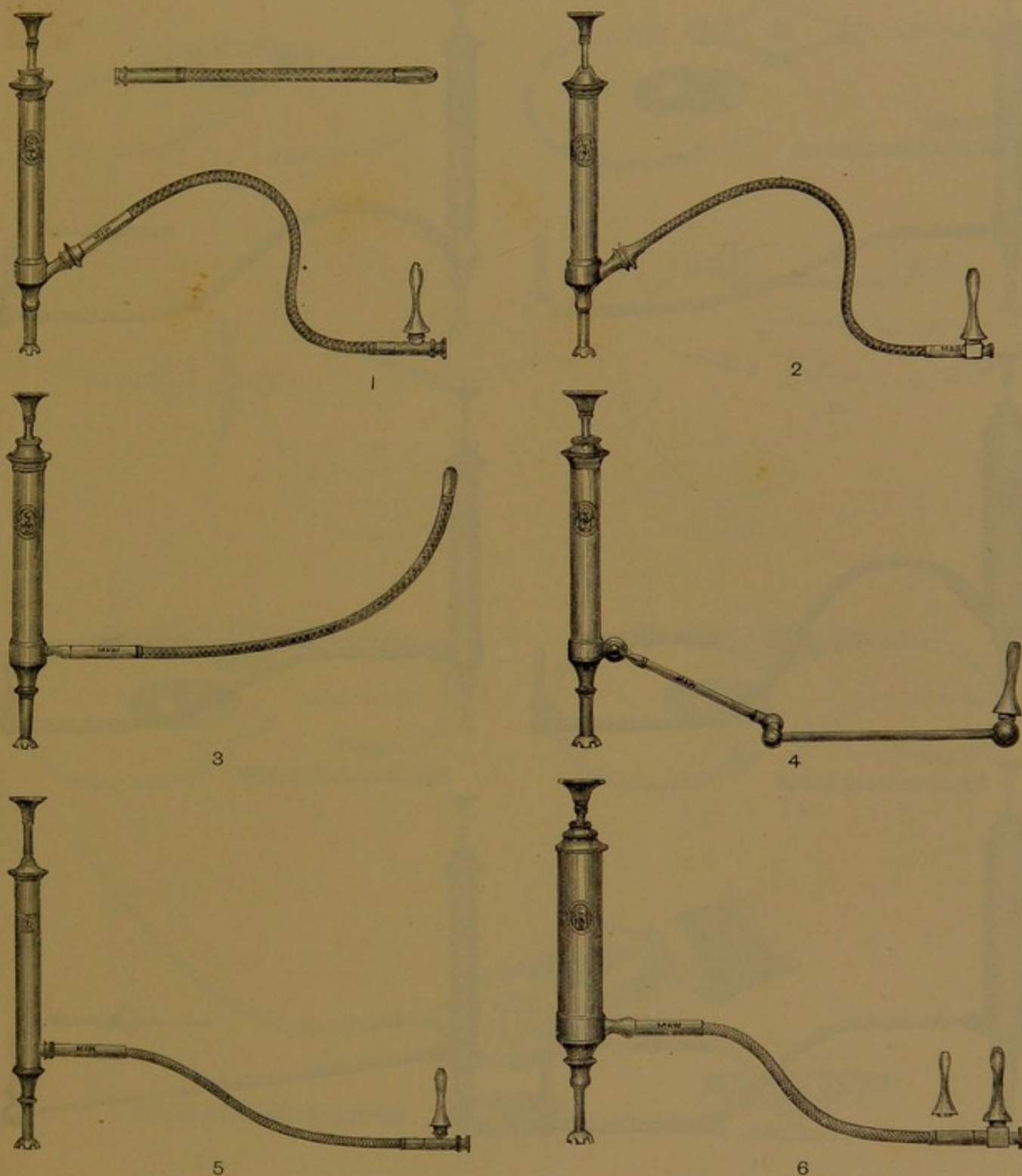
CONTENTS OF SECTION XIV.

ENEMA APPARATUS, BRASS.
ENEMA APPARATUS, INDIA-RUBBER.
ENEMA APPARATUS, WITH RESER-
VOIRS.
O'BEIRN'S TUBES.
RECTUM JETS.

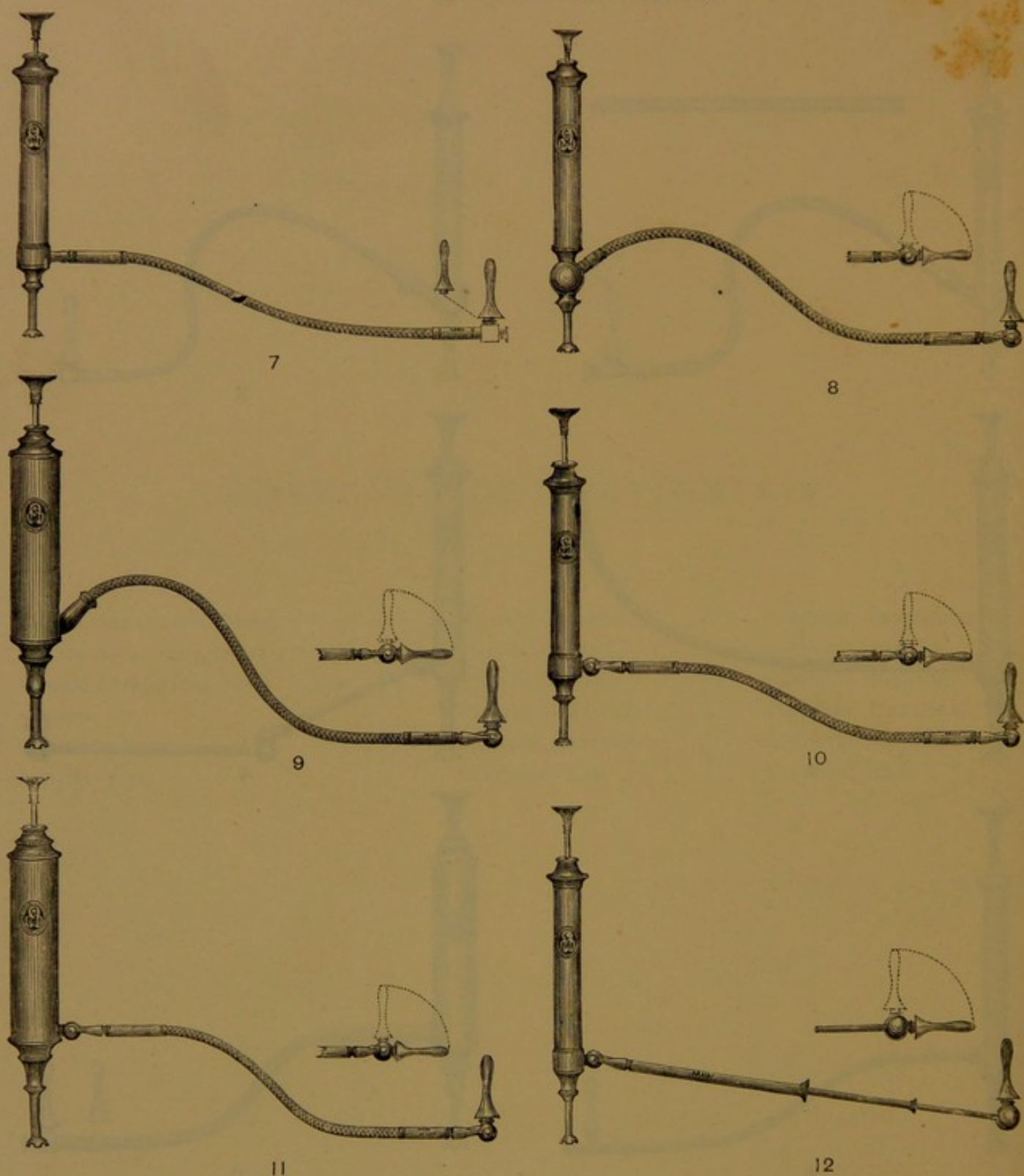
RECTUM TUBES.
STOMACH PUMPS.
STOMACH TUBES.
SYPHON DOUCHES.
SYPHONS, MATTSON'S.
SYRINGES, EAR.

SYRINGES, INDIA-RUBBER.
SYRINGES, PEWTER.
SYRINGES, RECTUM.
SYRINGES, URETHRA.
SYRINGES, VAGINA.
VAGINA TUBES.

ENEMA APPARATUS, BRASS.



- Fig. 1. BENNETT'S.
 Fig. 2. TUBE OF MOHAIR.
 Fig. 3. TUBE OF ELASTIC GUM, O'BEIRN'S.
 Fig. 4. TUBE OF METAL, FOR HOT CLIMATES.
 Fig. 5. TUBE TO DETACH FROM THE BARREL.
 Fig. 6. TUBE TO DETACH FROM THE BARREL, CONTINUOUS-STREAM.

ENEMA APPARATUS, BRASS (*Continued*).

- Fig. 7. TUBE TO DETACH FROM THE BARREL.
 Fig. 8. TUBE OF INDIA-RUBBER, COVERED WITH SILK.
 Fig. 9. TUBE OF INDIA-RUBBER, COVERED WITH SILK, CONTINUOUS-STREAM.
 Fig. 10. REVOLVING JOINTS.
 Fig. 11. REVOLVING JOINTS, CONTINUOUS-STREAM.
 Fig. 12. TUBE OF METAL, TELESCOPIC, FOR HOT CLIMATES.

ENEMA APPARATUS, INDIA-RUBBER.

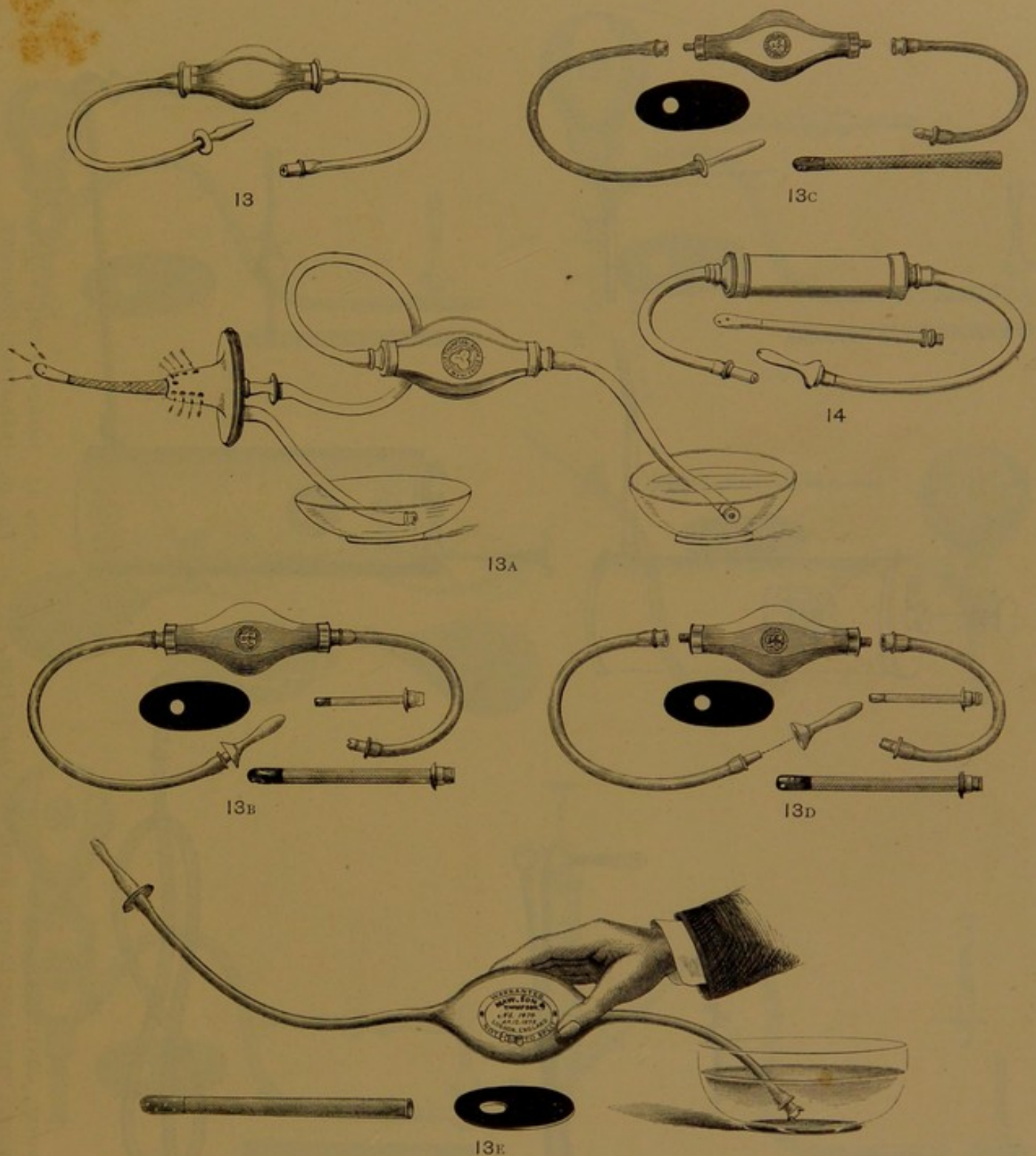


Fig. 13. HIGGINSON'S.

Fig. 13A. HIGGINSON'S, WITH ARAN'S DOUBLE CHANNEL VAGINA TUBE.

Fig. 13B. HIGGINSON'S, WITH ADDITIONAL RECTUM TUBE.

Fig. 13C. HIGGINSON'S, TUBES TO DISCONNECT.

Fig. 13D. HIGGINSON'S, TUBES TO DISCONNECT, WITH ADDITIONAL RECTUM TUBE.

Fig. 13E. HIGGINSON'S, IN ONE CONTINUOUS PIECE; WARRANTED NOT TO SPLIT, BECOME HARD, OR STICKY; SPECIALLY PREPARED TO RESIST HEAT IN THE TROPICS. (PATENT.)

Fig. 14. HIGGINSON'S, TUBULAR.

ENEMA APPARATUS, WITH RESERVOIRS.

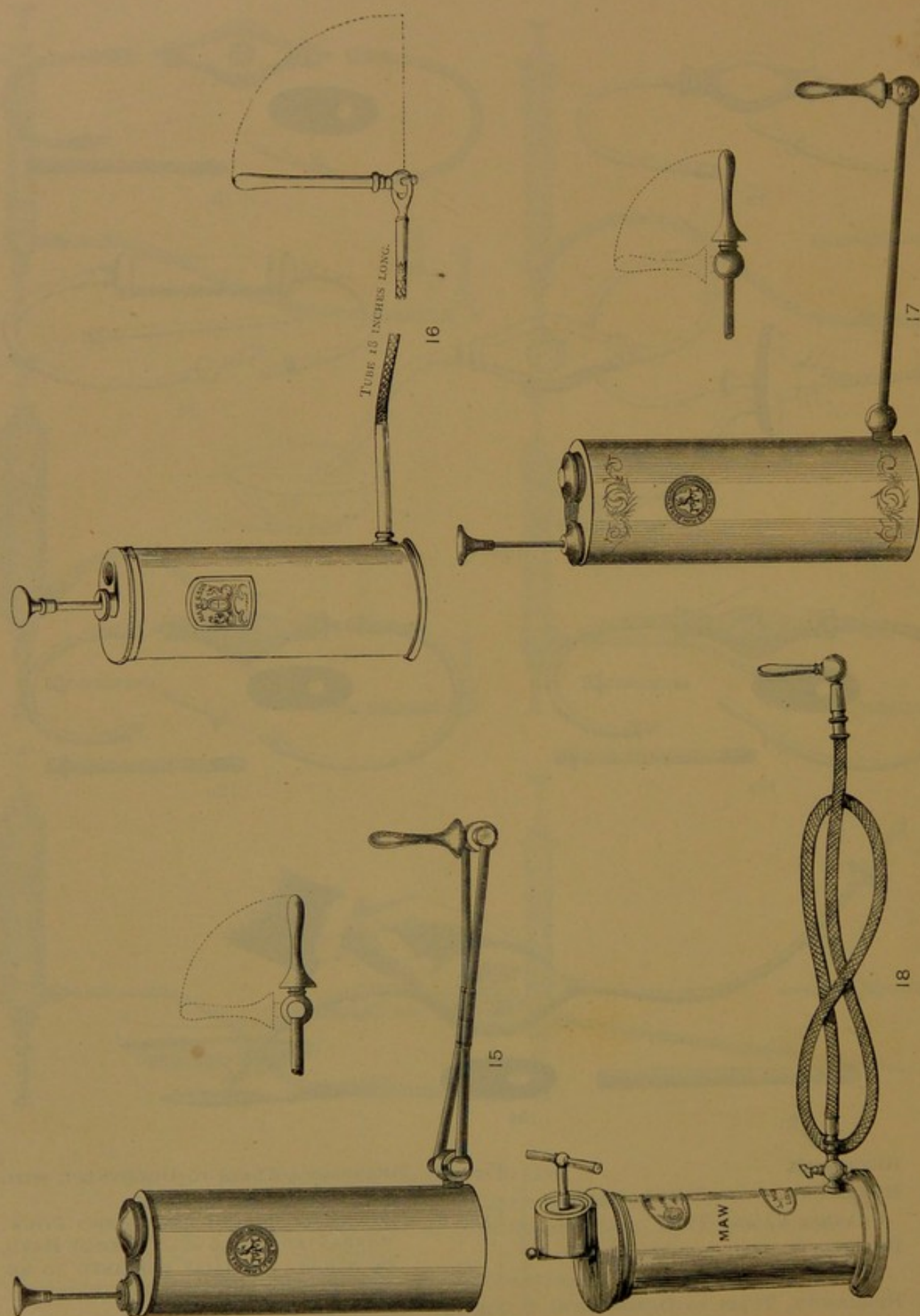


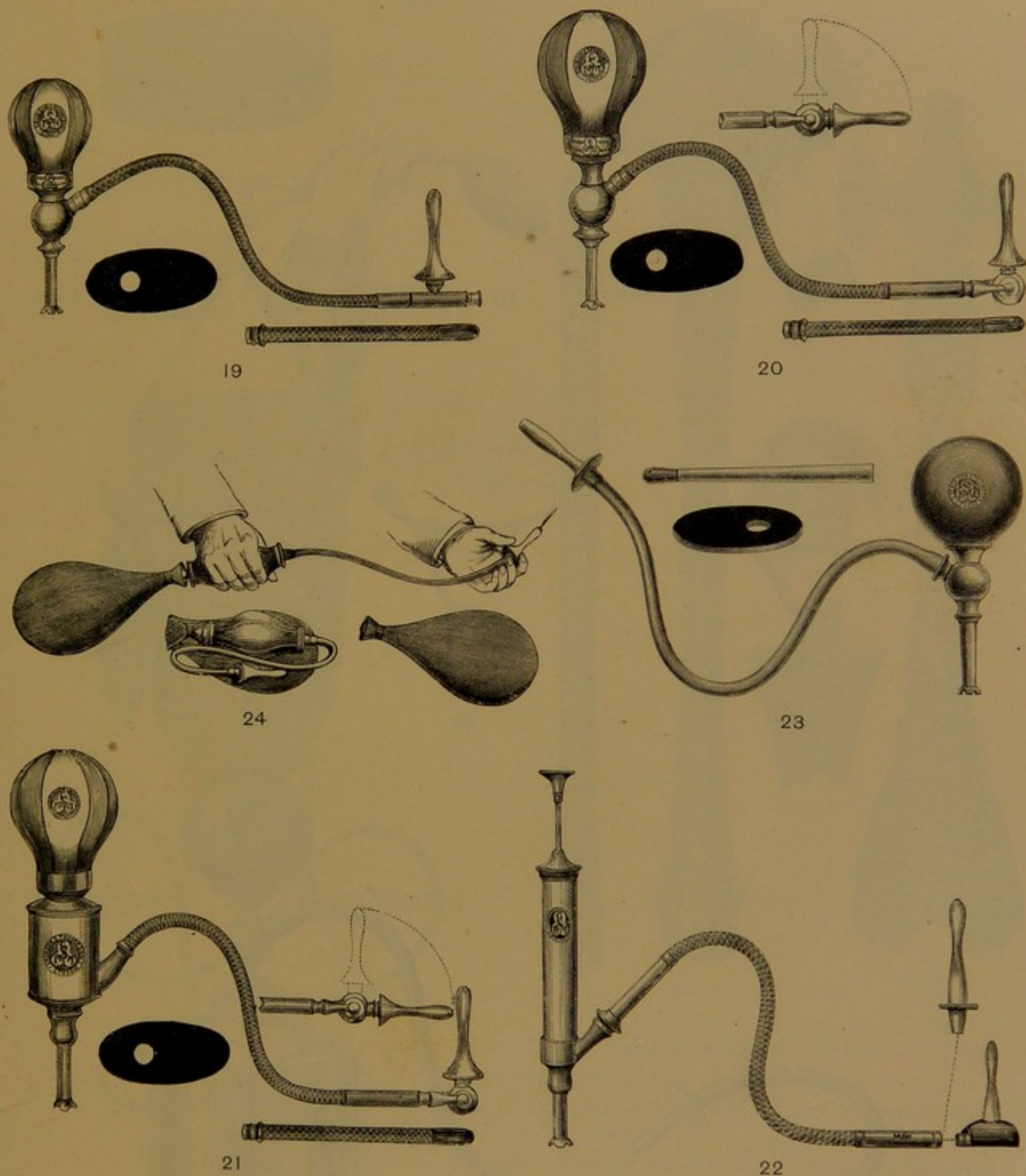
Fig. 17. IMPROVED SINGLE-ACTION.

Fig. 18. IRRIGATEUR, EGUISIER'S.

Fig. 15. IMPROVED, CONTINUOUS-STREAM.

Fig. 16. IMPROVED, WITH LONG ELASTIC TUBE, AND VAGINA TUBE.

ENEMA APPARATUS, BRASS AND INDIA-RUBBER.



- Fig. 19. KENNEDY'S.
 Fig. 20. KENNEDY'S, WITH REVOLVING JOINT.
 Fig. 21. KENNEDY'S, WITH REVOLVING JOINT, CONTINUOUS-STREAM.
 Fig. 22. MAW'S DOMESTIC.
 Fig. 23. MAW'S SYPHON.
 Fig. 24. SAVORY AND MOORE'S.

ENEMA APPARATUS, INDIA-RUBBER, AND RECTUM JETS.

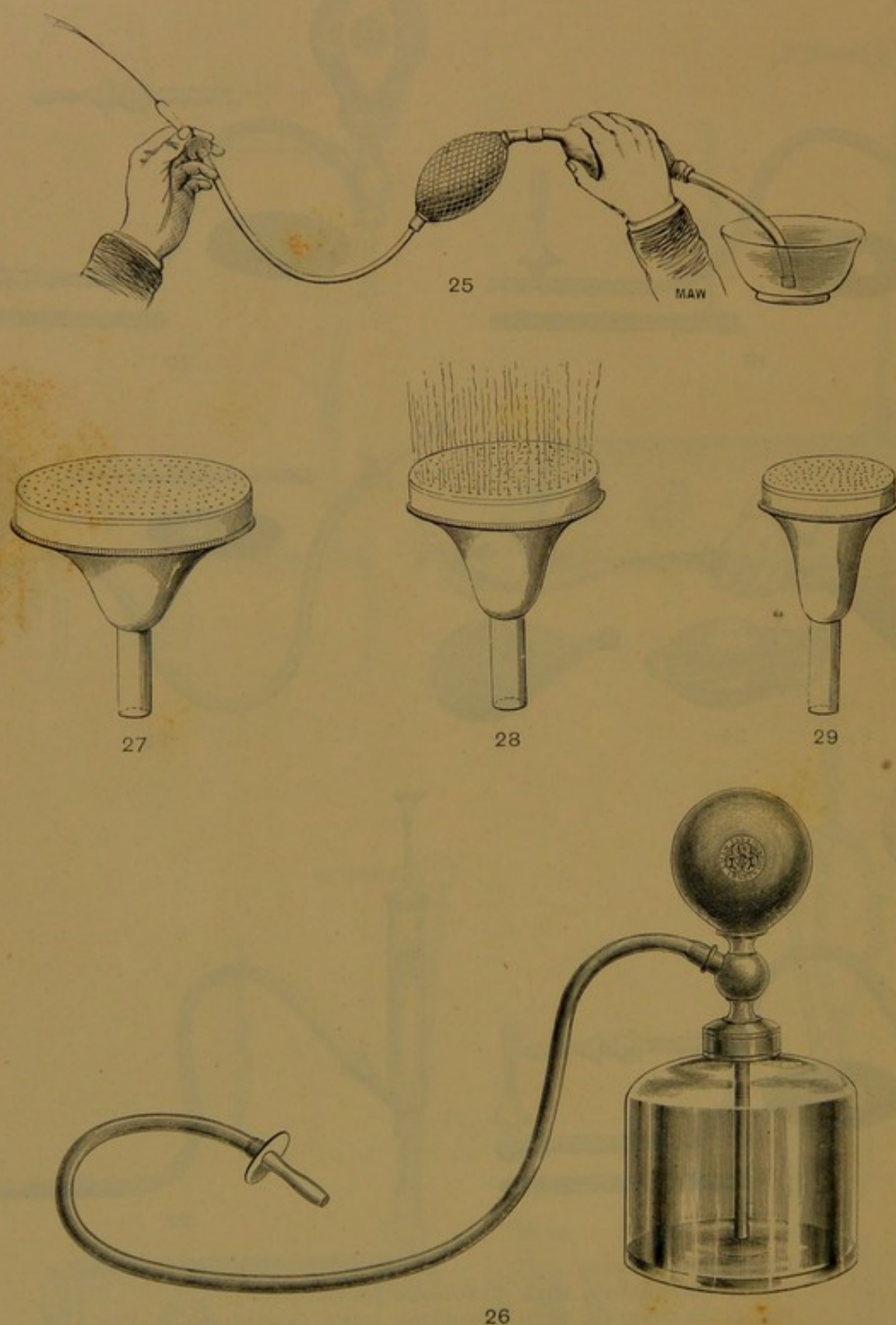
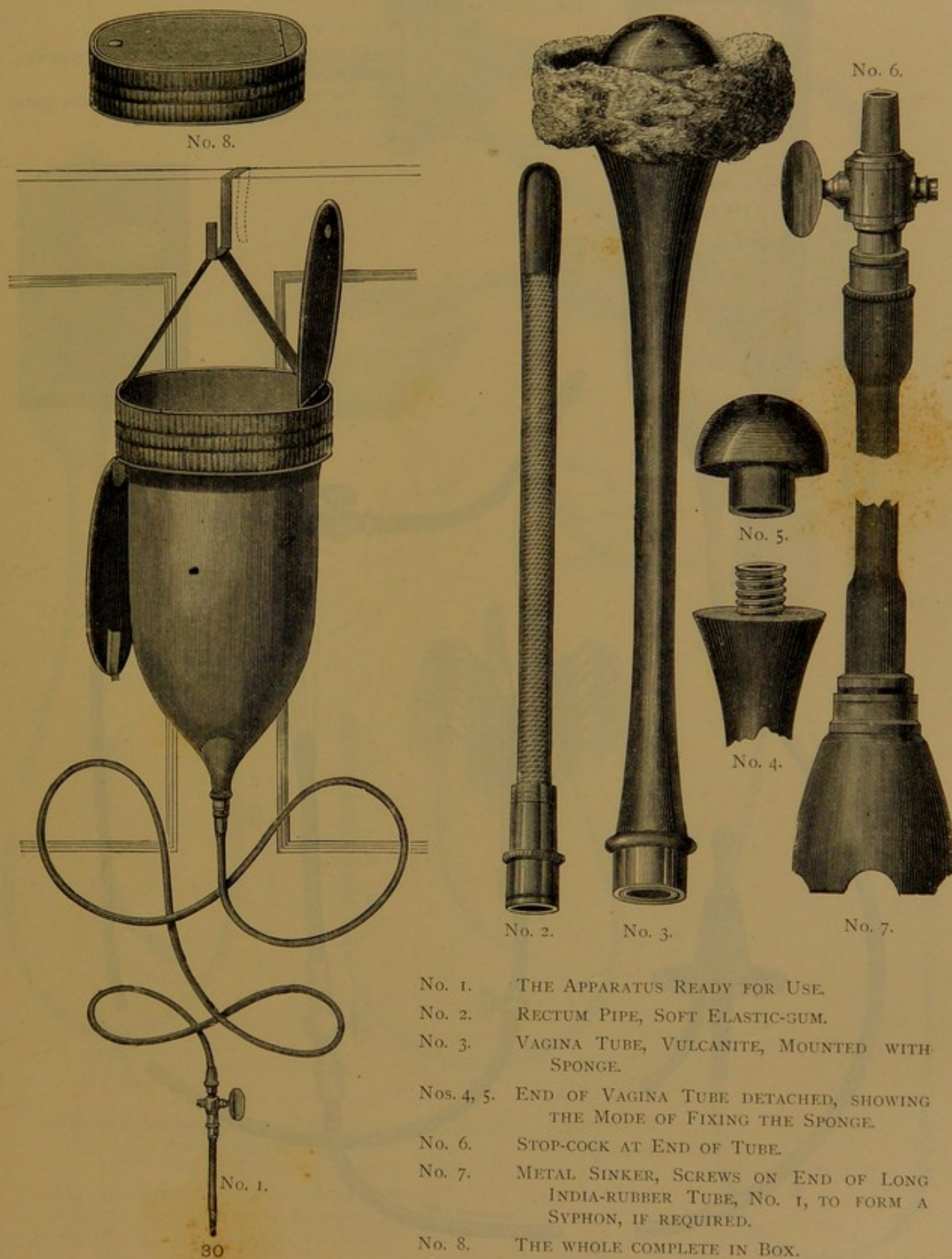


Fig. 25. IMPROVED, CONTINUOUS-STREAM, MAW'S.
 Fig. 26. WITH GLASS CHAMBER, MAW'S.

Figs. 27 } RECTUM JETS, ADAPTABLE TO ANY
 to 29. } FORM OF ENEMA APPARATUS.

SYPHON DOUCHE FOR RECTUM AND VAGINA, GOWLLAND'S.



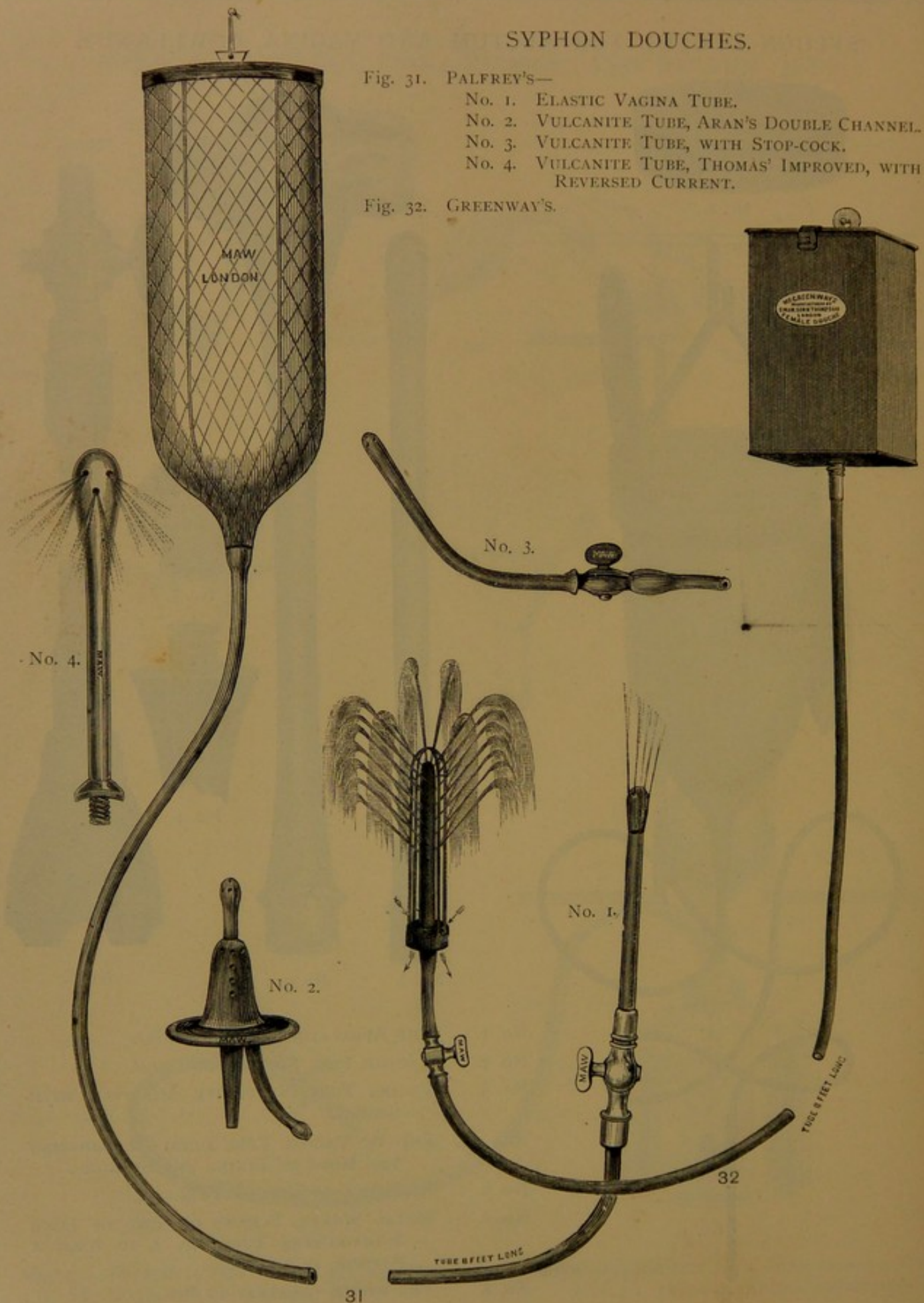
- No. 1. THE APPARATUS READY FOR USE.
 No. 2. RECTUM PIPE, SOFT ELASTIC-GUM.
 No. 3. VAGINA TUBE, VULCANITE, MOUNTED WITH SPONGE.
 Nos. 4, 5. END OF VAGINA TUBE DETACHED, SHOWING THE MODE OF FIXING THE SPONGE.
 No. 6. STOP-COCK AT END OF TUBE.
 No. 7. METAL SINKER, SCREWS ON END OF LONG INDIA-RUBBER TUBE, NO. 1, TO FORM A SYPHON, IF REQUIRED.
 No. 8. THE WHOLE COMPLETE IN BOX.

SYPHON DOUCHES.

Fig. 31. PALFREY'S—

- No. 1. ELASTIC VAGINA TUBE.
 No. 2. VULCANITE TUBE, ARAN'S DOUBLE CHANNEL.
 No. 3. VULCANITE TUBE, WITH STOP-COCK.
 No. 4. VULCANITE TUBE, THOMAS' IMPROVED, WITH
 REVERSED CURRENT.

Fig. 32. GREENWAY'S.



SYPHON DOUCHES AND SYRINGE.

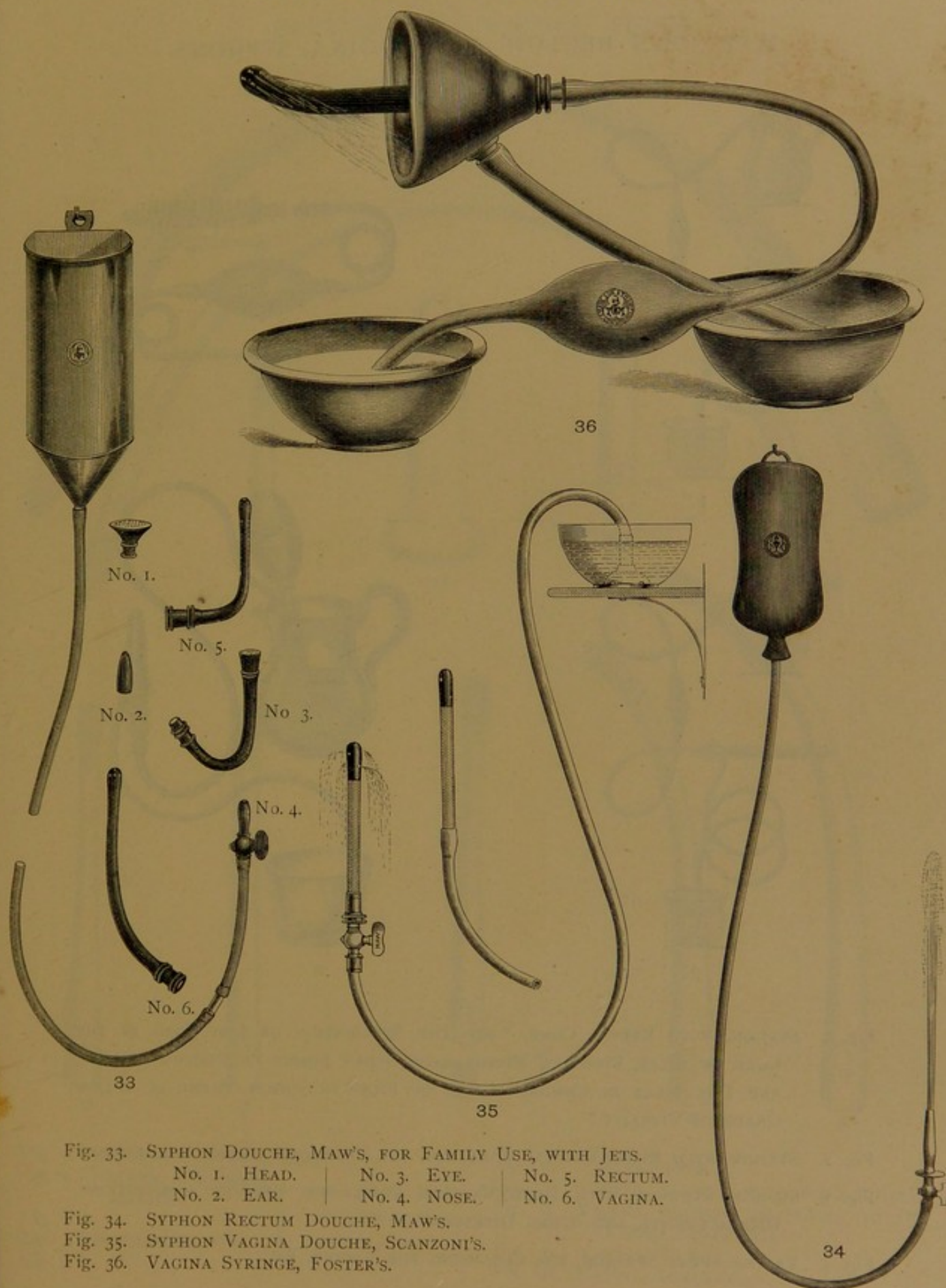


Fig. 33. SYPHON DOUCHE, MAW'S, FOR FAMILY USE, WITH JETS.

No. 1. HEAD.

No. 3. EYE.

No. 5. RECTUM.

No. 2. EAR.

No. 4. NOSE.

No. 6. VAGINA.

Fig. 34. SYPHON RECTUM DOUCHE, MAW'S.

Fig. 35. SYPHON VAGINA DOUCHE, SCANZONI'S.

Fig. 36. VAGINA SYRINGE, FOSTER'S.

MATTSON'S RECTUM AND VAGINA SYPHONS.

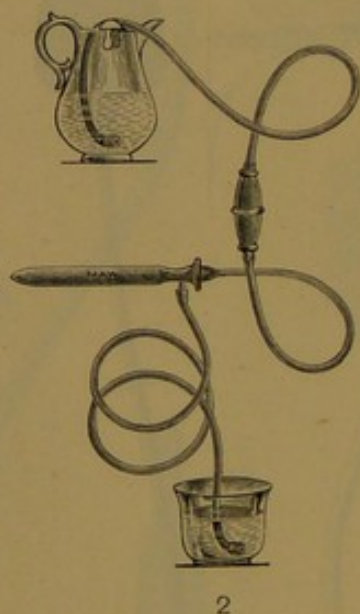
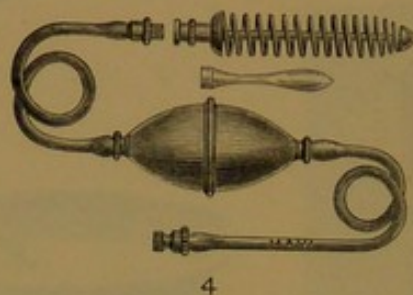
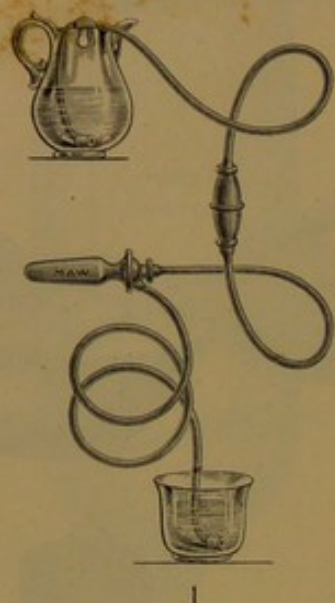


Fig. 1. SYPHON, WITH RECTAL CONE, "FOR THE APPLICATION OF DRY COLD IN THE CURE OF PILES, FISSURES, FISTULAS, OR OTHER FORMS OF RECTUM DISEASE, AND DRY HEAT IN CHRONIC CASES OF PILES IN WHICH THERE IS A LOW GRADE OF VITALITY."

Fig. 2. SYPHON, WITH RECTO-VAGINAL CONE, FOR THE CURE OF UTERINE CONGESTIONS.

Fig. 3. SYPHON SYRINGE, WITH RECTO-VAGINAL CONE, FOR UTERINE CONGESTIONS, DISPLACEMENTS, AND OTHER DISEASES.

Fig. 4. VAGINA SPRAY SYRINGE, FOR CLEANSING THE VAGINA, ETC.

RECTUM AND VAGINA TUBES.

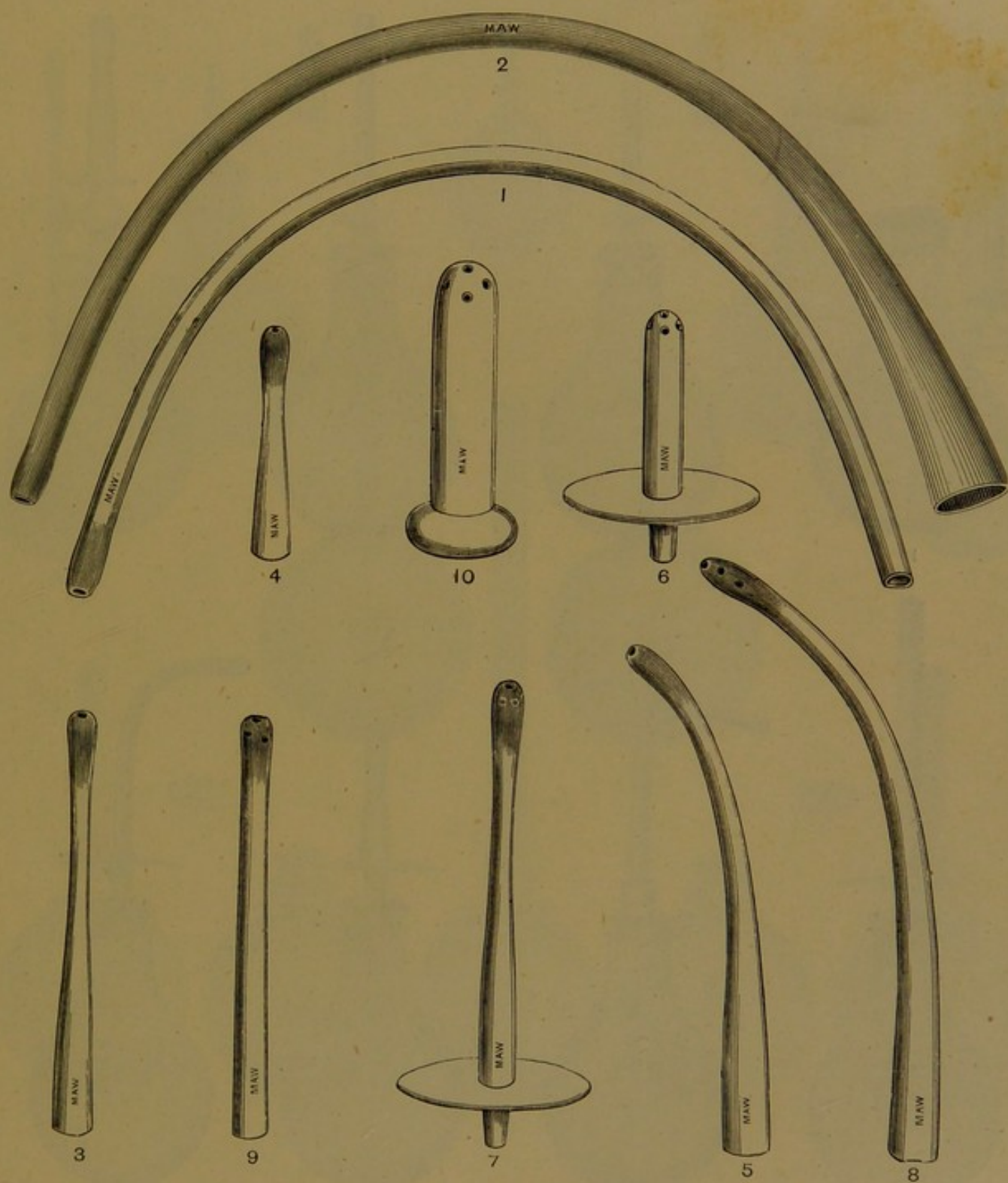


Fig. 1. RECTUM, O'BEIRN'S, ELASTIC.
 Fig. 2. RECTUM, O'BEIRN'S, ELASTIC,
 Fig. 3. } RECTUM, ELASTIC, } ADAPTABLE TO
 Fig. 4. } } ANY ENEMA
 Fig. 5. } } APPARATUS.

Fig. 6. VAGINA, BONE.
 Fig. 7. VAGINA, ELASTIC, WITH BONE SHIELD.
 Fig. 8. VAGINA, ELASTIC, ADAPTABLE TO ANY
 ENEMA APPARATUS.
 Fig. 9. VAGINA, ELASTIC.
 Fig. 10. VAGINA, PORCELAIN.

INJECTION SYRINGES.

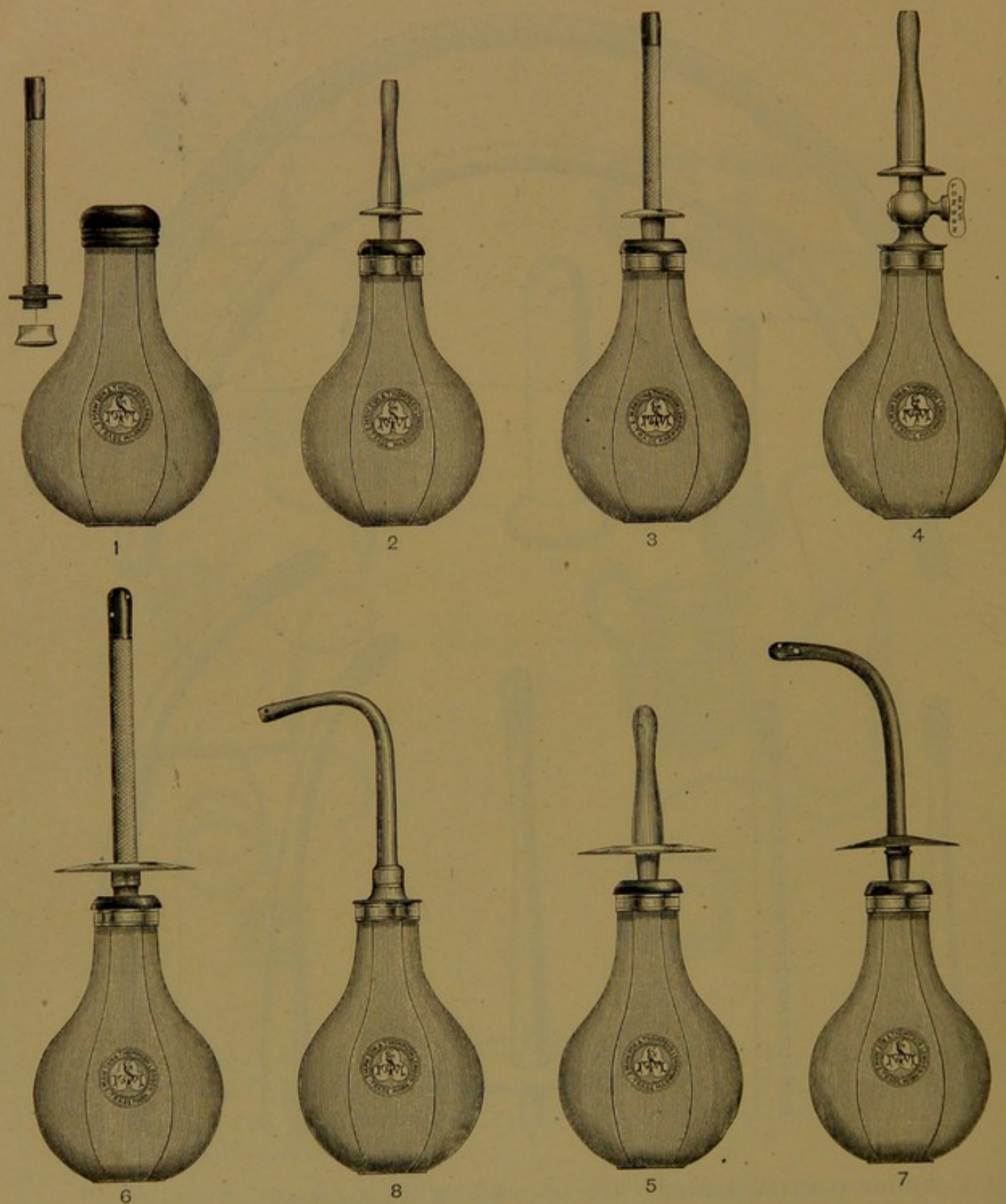
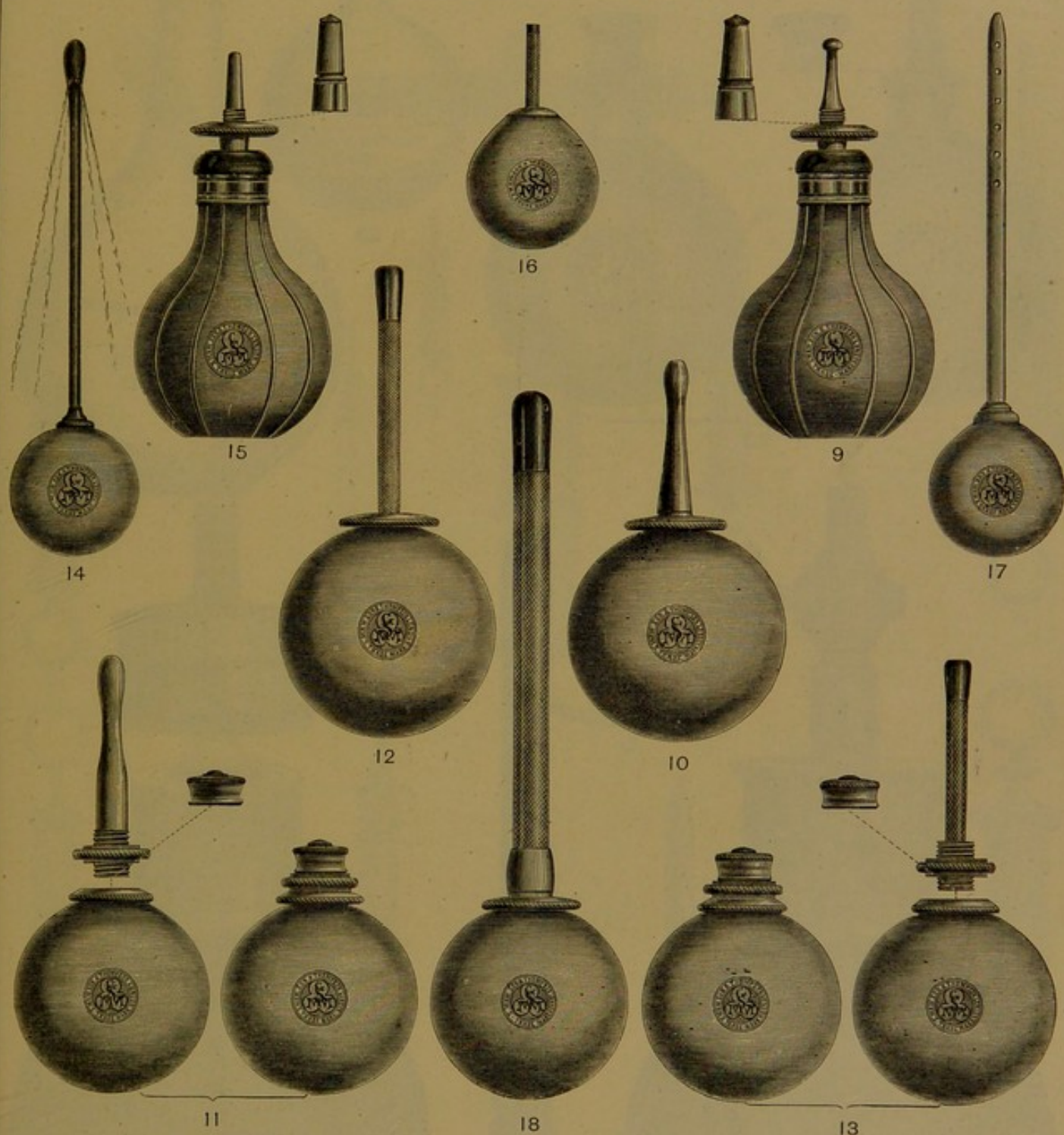


Fig. 1. RECTUM, REVERSIBLE TUBE.
 Fig. 2. RECTUM, BONE TUBE.
 Fig. 3. RECTUM, ELASTIC TUBE.
 Fig. 4. RECTUM, STOP-COCK AND BONE TUBE.

Fig. 5. VAGINA, BONE TUBE.
 Fig. 6. VAGINA, ELASTIC TUBE.
 Fig. 7. VAGINA, CURVED TUBE, BIRD'S.
 Fig. 8. VAGINA, CURVED METAL TUBE, CLARKE'S.

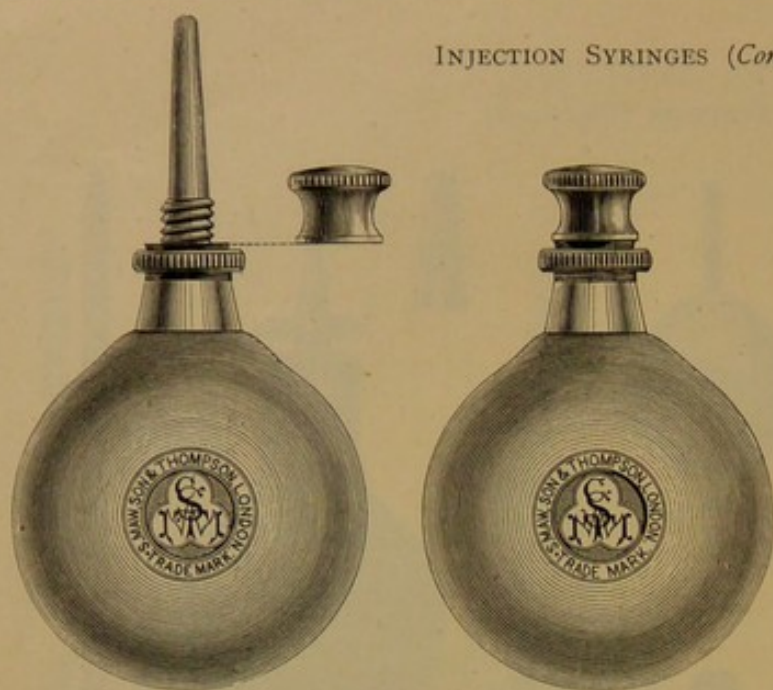
INJECTION SYRINGES (Continued).



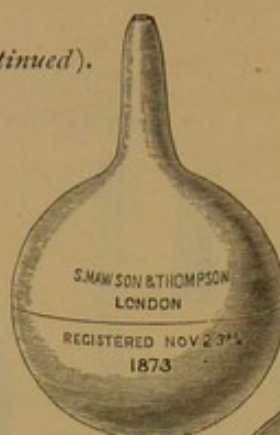
- Fig. 9. EAR.
 Fig. 10. RECTUM, FOR CHILDREN, BONE TUBE.
 Fig. 11. RECTUM, FOR CHILDREN, BONE TUBE, REVERSIBLE.
 Fig. 12. RECTUM, FOR CHILDREN, ELASTIC TUBE.

- Fig. 13. RECTUM, FOR CHILDREN, ELASTIC TUBE, REVERSIBLE.
 Fig. 14. URETHRA, REVERSED CURRENT.
 Fig. 15. URETHRA, BONE TUBE.
 Fig. 16. URETHRA, ELASTIC TUBE.
 Fig. 17. URETHRA, ELASTIC TUBE (6 in.).
 Fig. 18. VAGINA, ELASTIC TUBE.

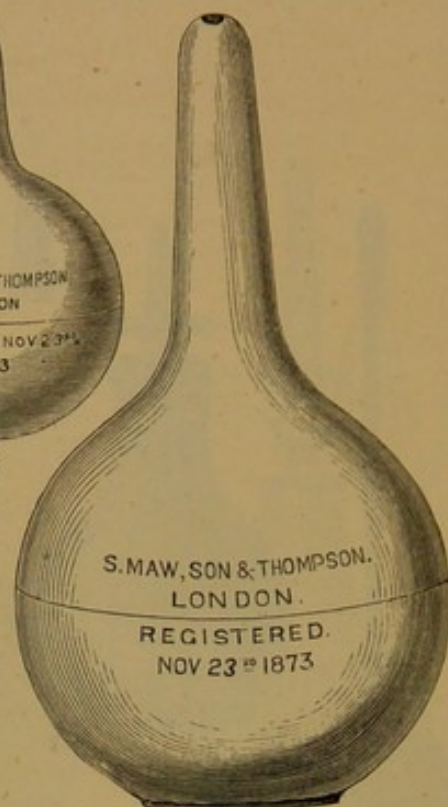
INJECTION SYRINGES (Continued).



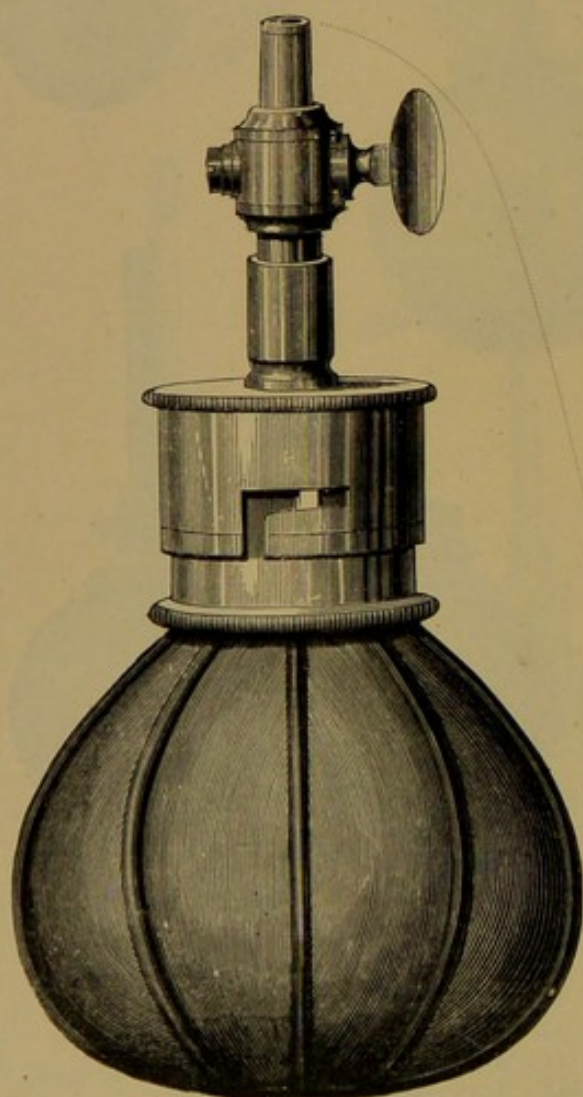
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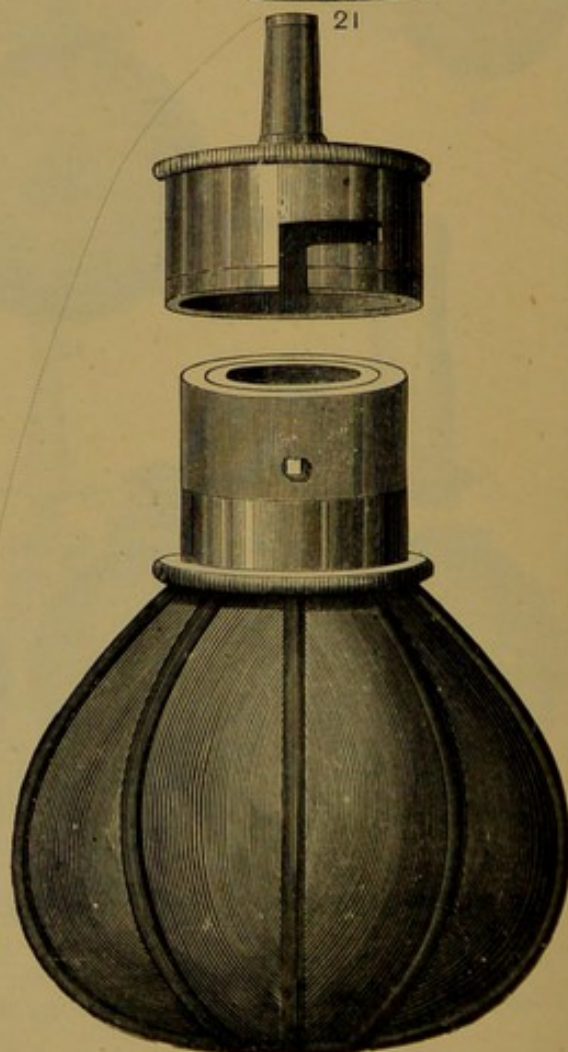
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Fig. 19. RECTUM, GOWLLAND'S.

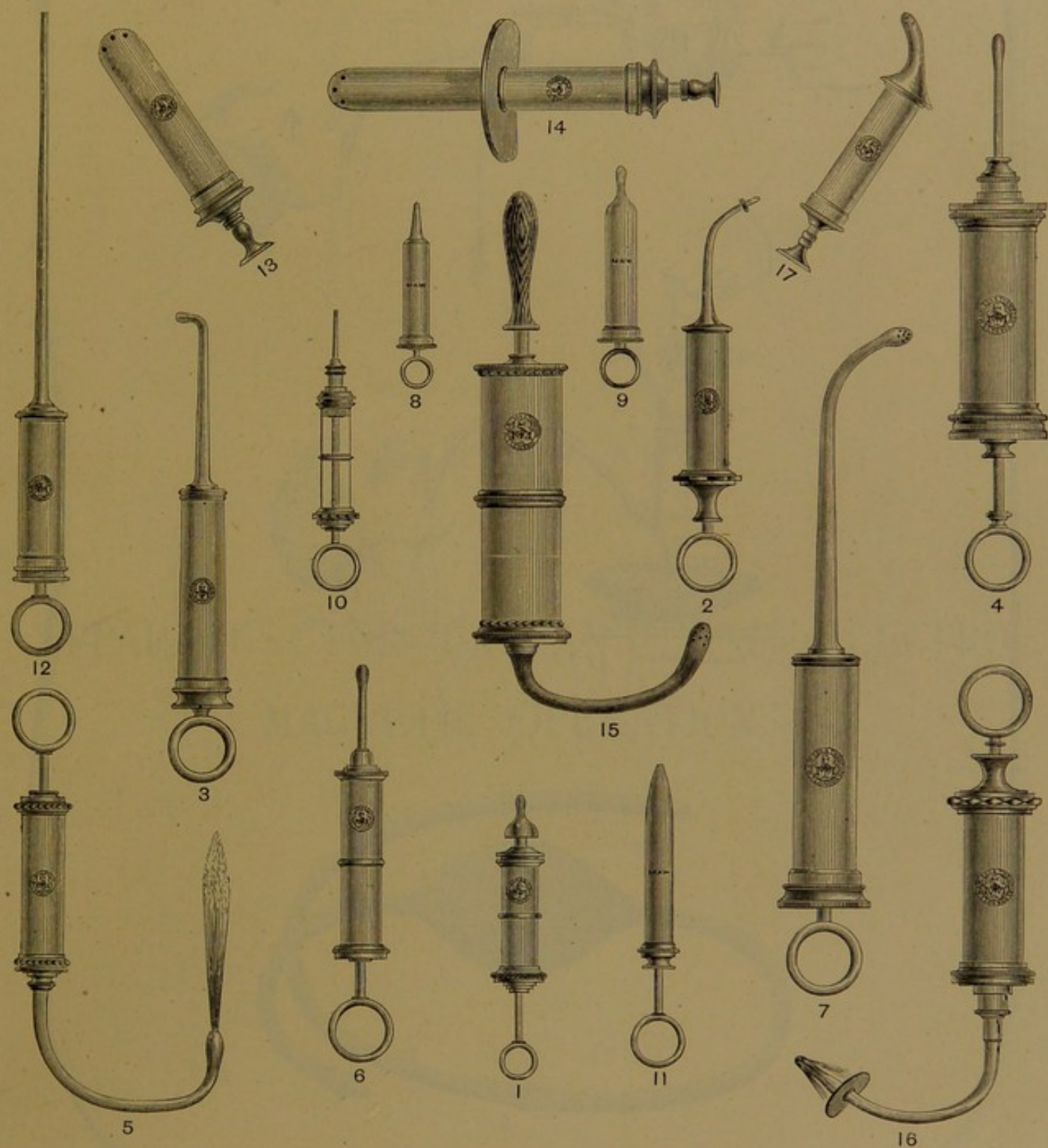
Fig. 20. RECTUM, WITH STOP-COCK, GOWLLAND'S.

Fig. 23. URETHRA, MAW'S IMPROVED, REVERSIBLE TUBE.

Fig. 21. RECTUM, MAW'S REGISTERED.

Fig. 22. URETHRA, MAW'S REGISTERED.

PEWTER SYRINGES.



- Fig. 1. EAR.
 Fig. 2. EAR, FOR SELF USE.
 Fig. 3. NASAL CATARRH.
 Fig. 4. RECTUM, FOR HOSPITALS
 AND EMIGRANT SHIPS.
 Fig. 5. RECTUM, FOR SELF USE.
 Fig. 6. SINUS.

- Fig. 7. THROAT.
 Fig. 8. } URETHRA, MALE.
 Fig. 9. }
 Fig. 10. URETHRA, MALE, GLASS
 BARREL.
 Fig. 11. URETHRA, CONICAL.
 Fig. 12. UTERUS.

- Fig. 13. VAGINA.
 Fig. 14. VAGINA, WITH SHIELD.
 Fig. 15. VAGINA, CLARKE'S.
 Fig. 16. VAGINA, MAW'S IM-
 PROVED, REVERSED
 CURRENT.
 Fig. 17. VAGINA, HAMILTON'S.

STOMACH PUMPS AND TUBES.

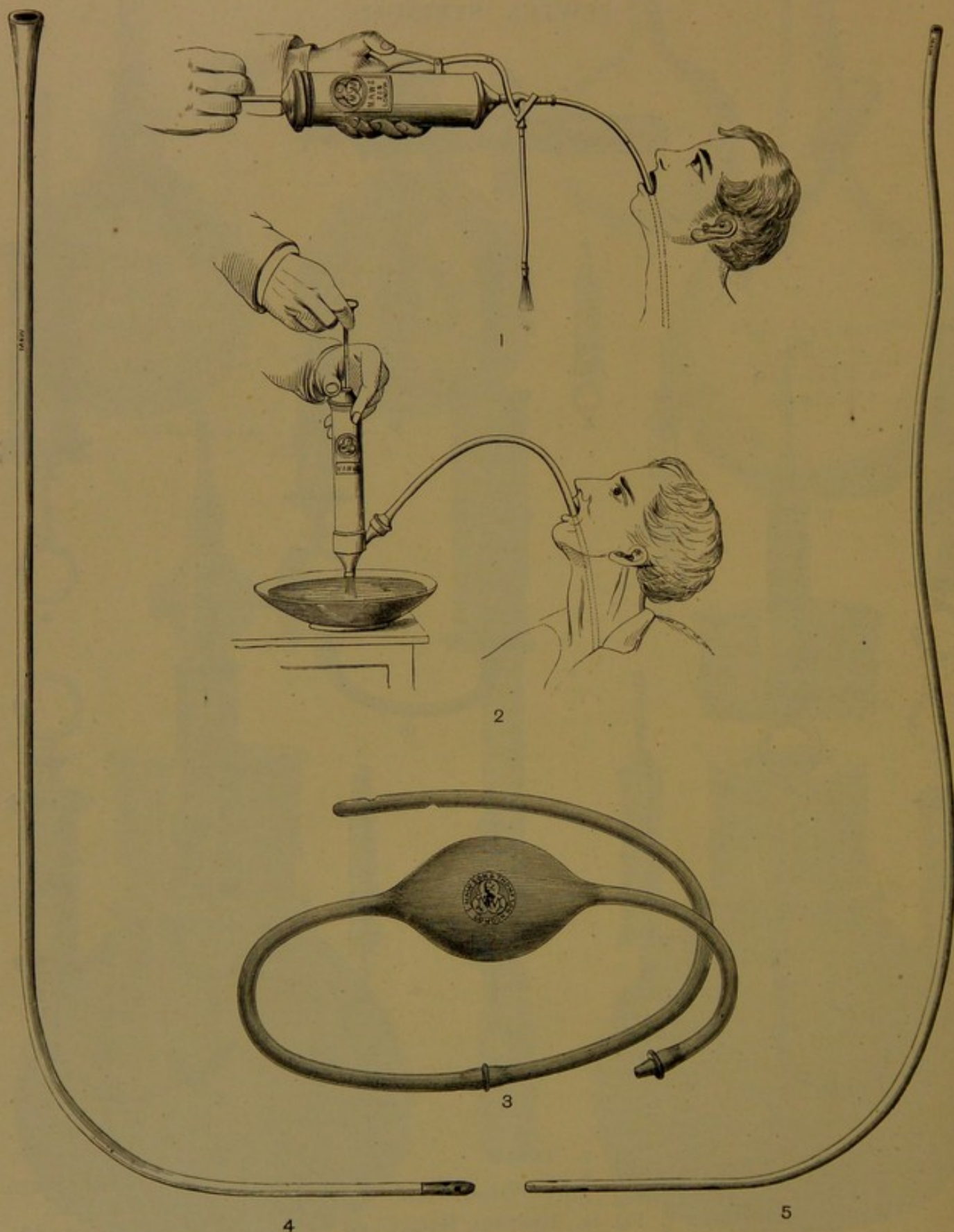
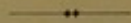


Fig. 1. MAW'S FLUTE KEY.
 Fig. 2. MAW'S PORTABLE.
 Fig. 3. MAW'S SYPHON.

Fig. 4. TUBE, ELASTIC-GUM, } ADAPTABLE TO
 Fig. 5. TUBE, SOFT-RUBBER, } ANY SYRINGE.

SECTION XV.



APPARATUS FOR GALVANIC AND ELECTRO-
MAGNETIC OPERATIONS.

CONTENTS OF SECTION XV.

CAUTERY BATTERY, WITH RHEOPHORES.

CONSTANT CURRENT BATTERIES :—

BUNSEN'S.

GAIFFE'S.

LECLANCHÉ'S.

SMEE'S.

SPAMER'S.

CONSTANT AND INDUCED CURRENT BATTERIES :—

BUNSEN'S.

BUNSEN'S, MAW'S IMPROVED.

LECLANCHÉ'S, MAW'S IMPROVED.

INDUCED CURRENT BATTERIES :—

GAIFFE'S.

GRENET'S.

SPAMER'S.

MAGNETO-ELECTRIC MACHINES :—

CIRCULAR MAGNET.

DOUBLE MAGNET.

SINGLE MAGNET.

NEEDLES FOR ELECTROLYSIS.

RHEOPHORES WITH CARBON HEADS, THE SET FITTING ONE HANDLE.

RHEOPHORES FOR—

APPLICATION UNDER A
LOOSE DRESS.

BLADDER.

EAR.

EYE.

FOOT.

RECTUM.

SCIATICA.

SPINE.

TEETH.

THROAT.

UTERUS.

VAGINA.

GALVANIC BATTERIES.

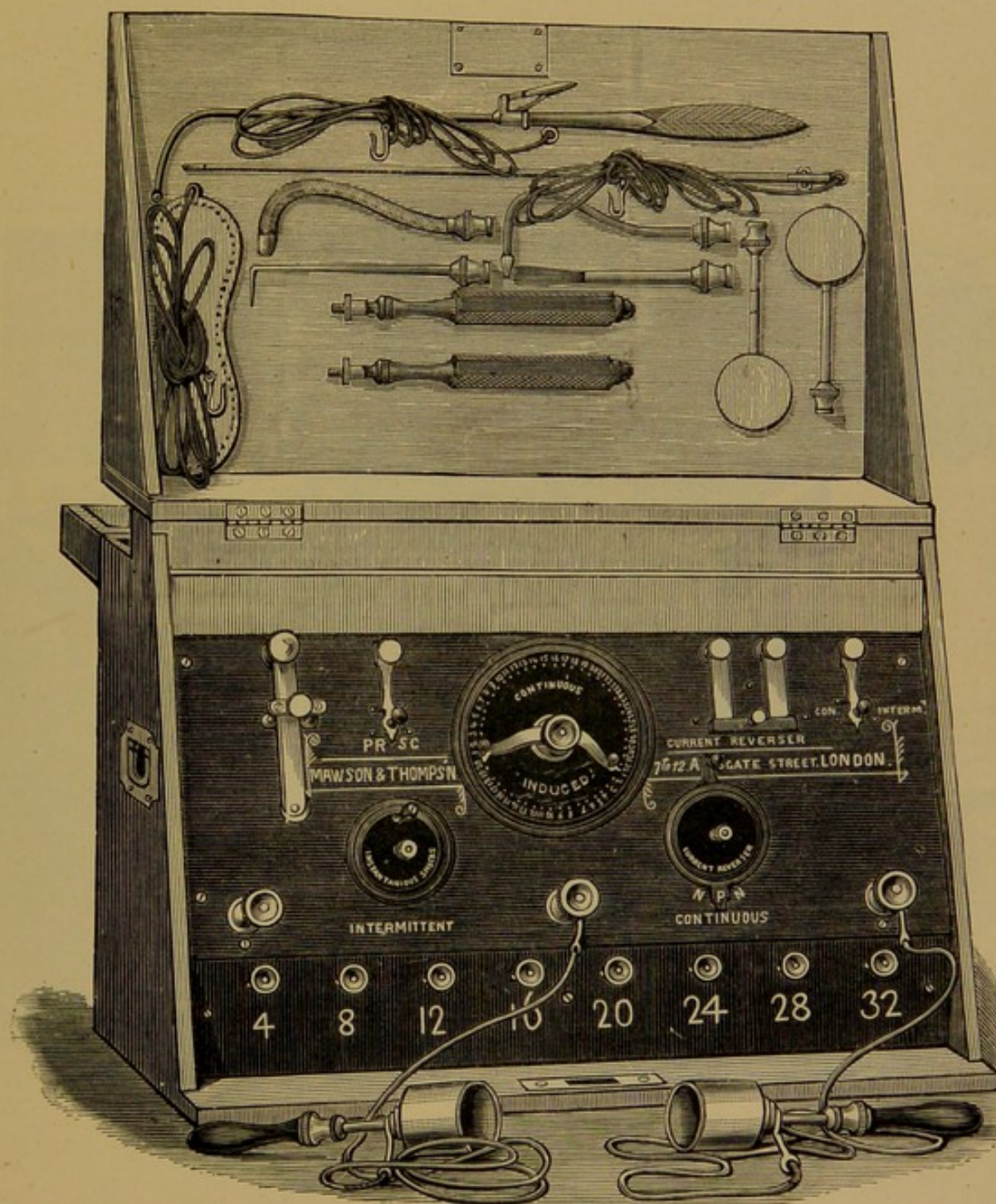
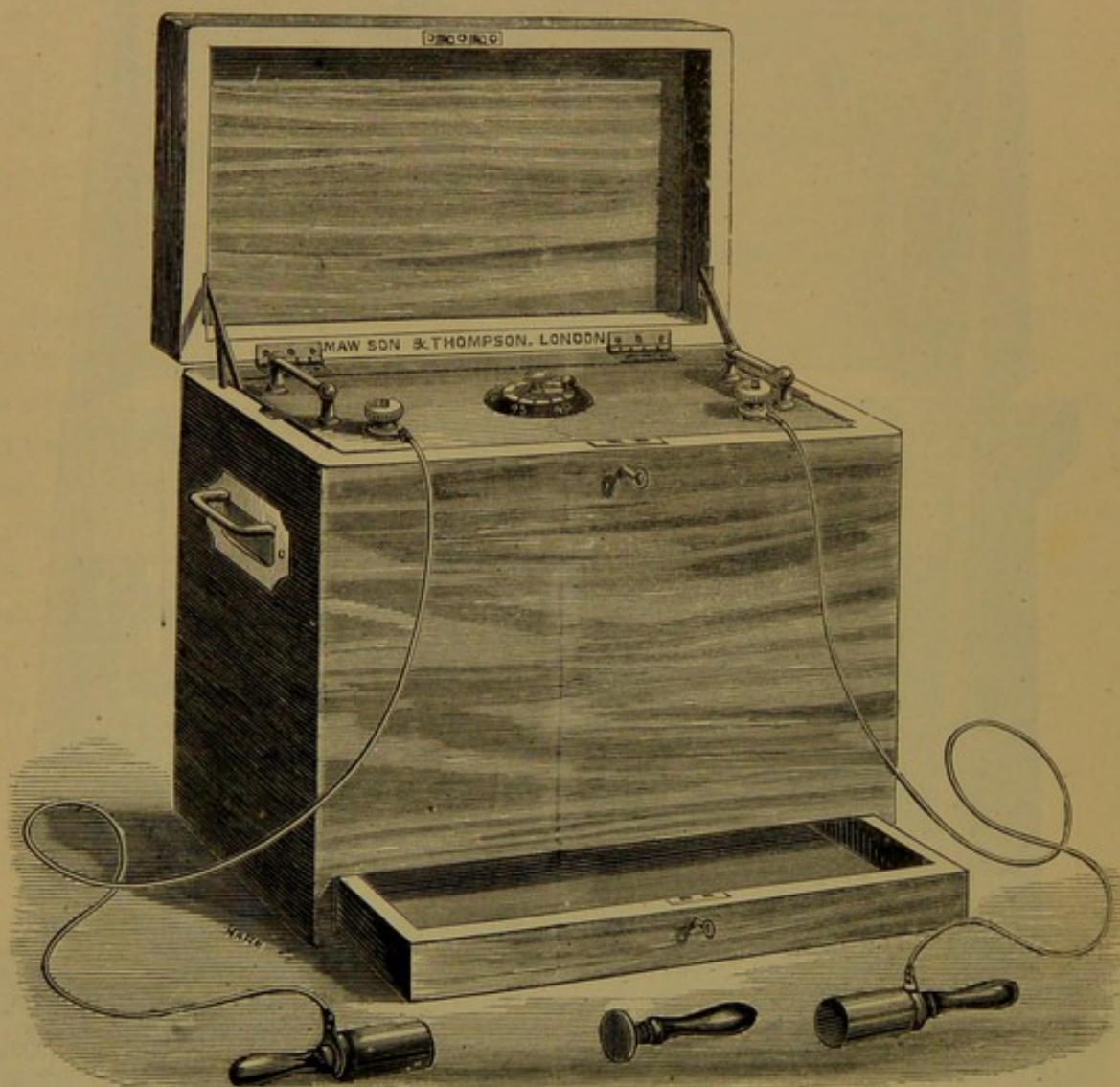


Fig. 1. CONSTANT AND INDUCED CURRENT, MAW'S IMPROVED, 32 CELLS, LECLANCHÉ'S, WITH COMPLETE SET OF RHEOPHORES.

GALVANIC BATTERIES (*Continued*).

2

Fig. 2. CONSTANT CURRENT, 50 CELLS, SMEE'S.

GALVANIC BATTERIES (*Continued*).

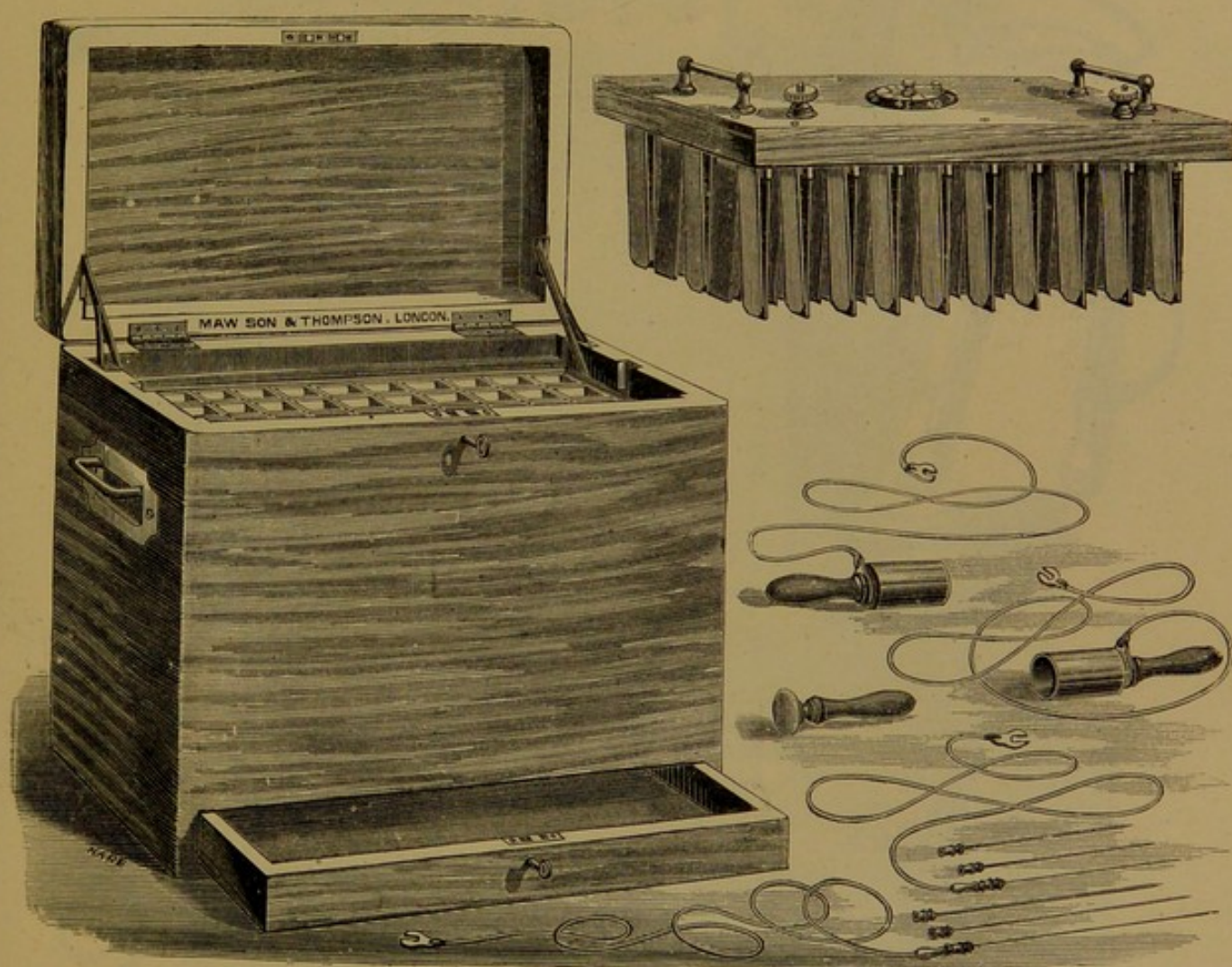


Fig. 3. CONSTANT CURRENT, 50 CELLS, SMEE'S.

GALVANIC BATTERIES (Continued).

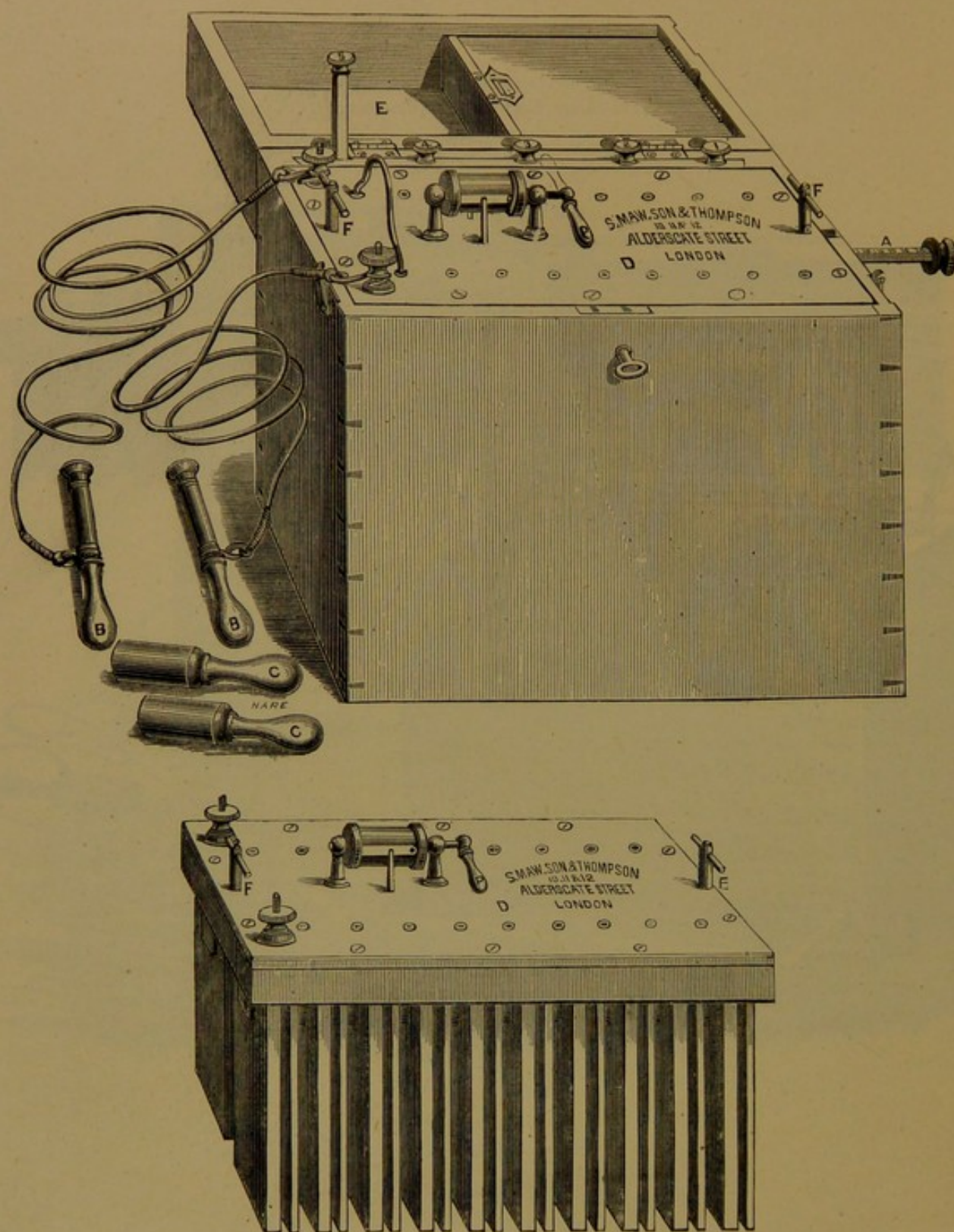
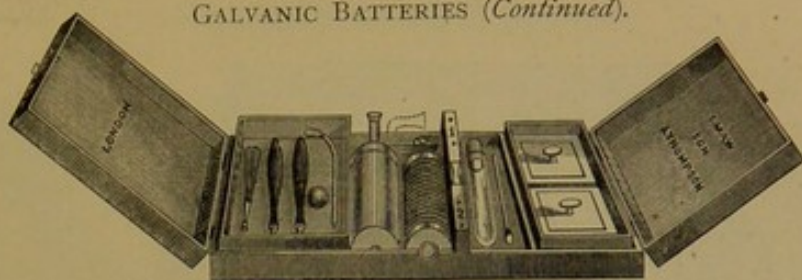
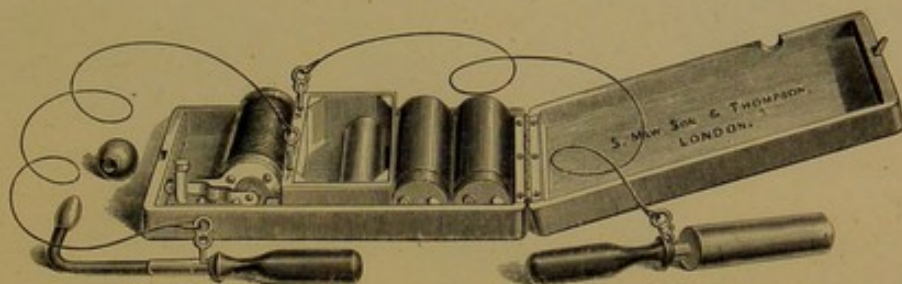


Fig. 4. CONSTANT CURRENT, 20 CELLS, BUNSEN'S.

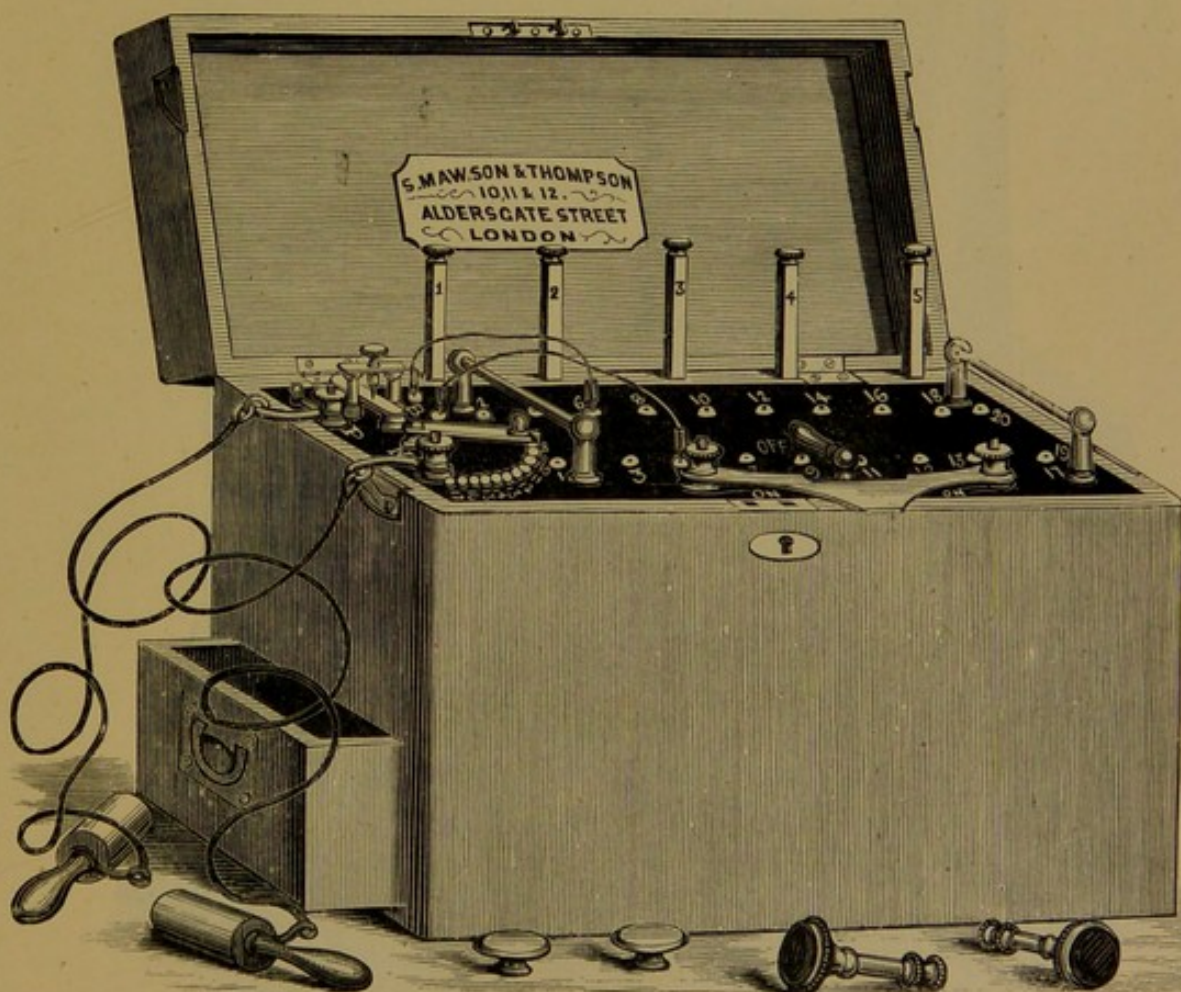
GALVANIC BATTERIES (Continued).



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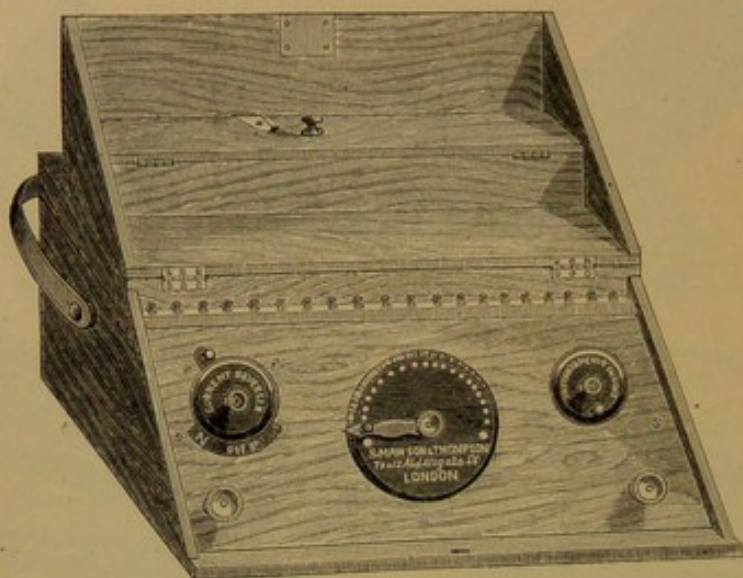


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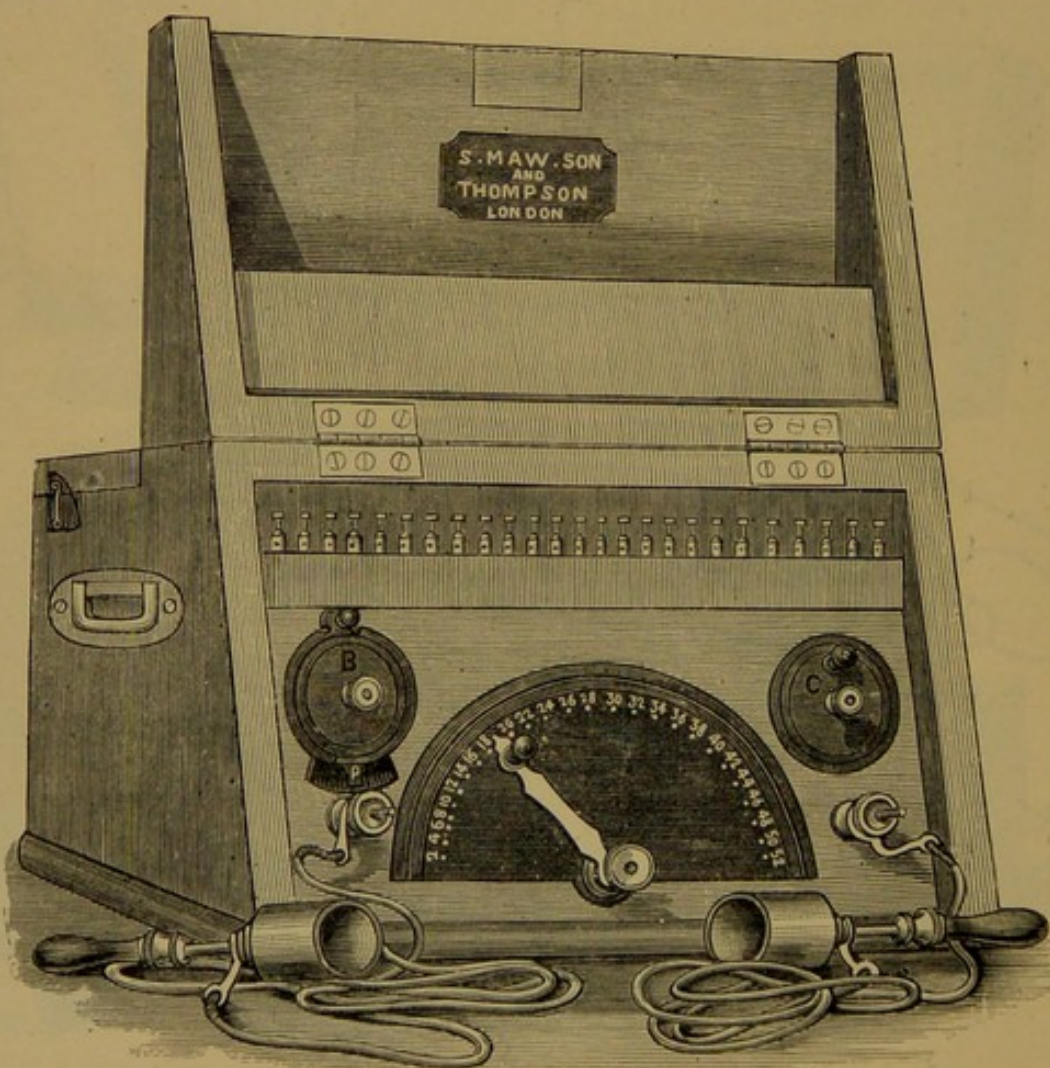


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Fig. 5. CONSTANT AND INDUCED CURRENT, 20 CELLS, BUNSEN'S.
 Fig. 6. INDUCED CURRENT, BI-SULPHATE OF MERCURY, GAIFFE'S.
 Fig. 7. INDUCED CURRENT, CHLORIDE OF SILVER, GAIFFE'S.

GALVANIC BATTERIES (*Continued*).

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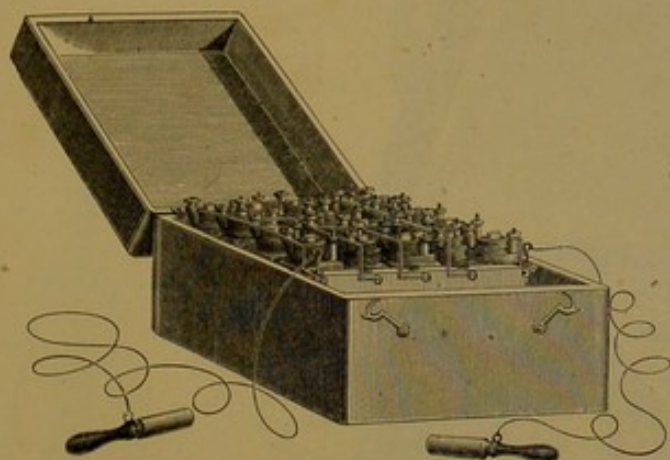


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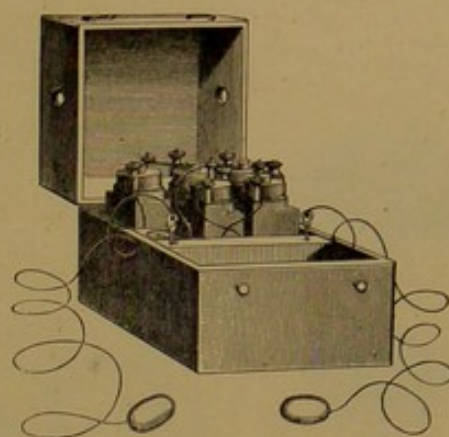
Fig. 8. CONSTANT CURRENT, 32 CELLS, LECLANCHÉ'S.

Fig. 9. CONSTANT CURRENT, 52 CELLS, LECLANCHÉ'S.

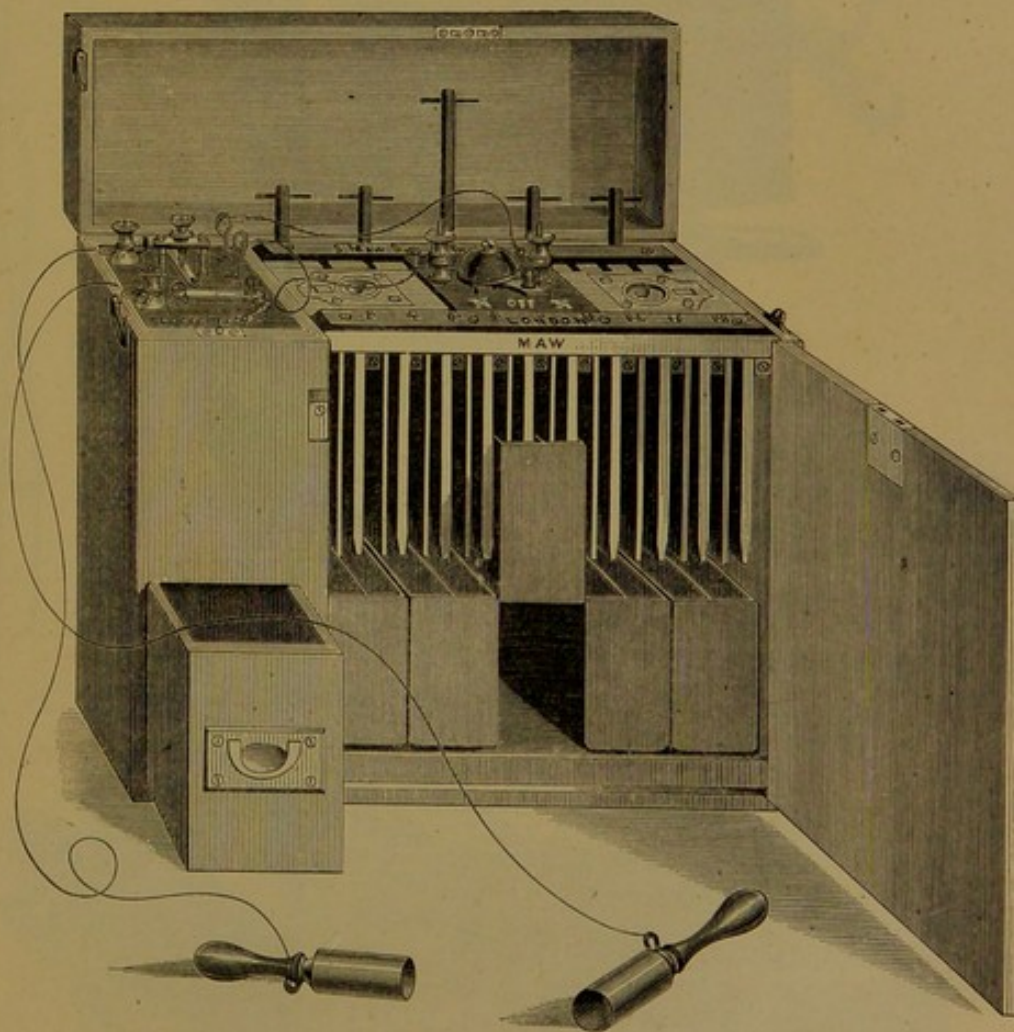
GALVANIC BATTERIES (Continued).



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Fig. 10. CONSTANT CURRENT, 20 CELLS, GAIFFES.

Fig. 11. CONSTANT CURRENT, 5 CELLS, GAIFFE'S.

Fig. 12. CONSTANT AND INDUCED CURRENT, 20 CELLS, BUNSEN'S (MAW'S IMPROVED).

GALVANIC BATTERIES (Continued).

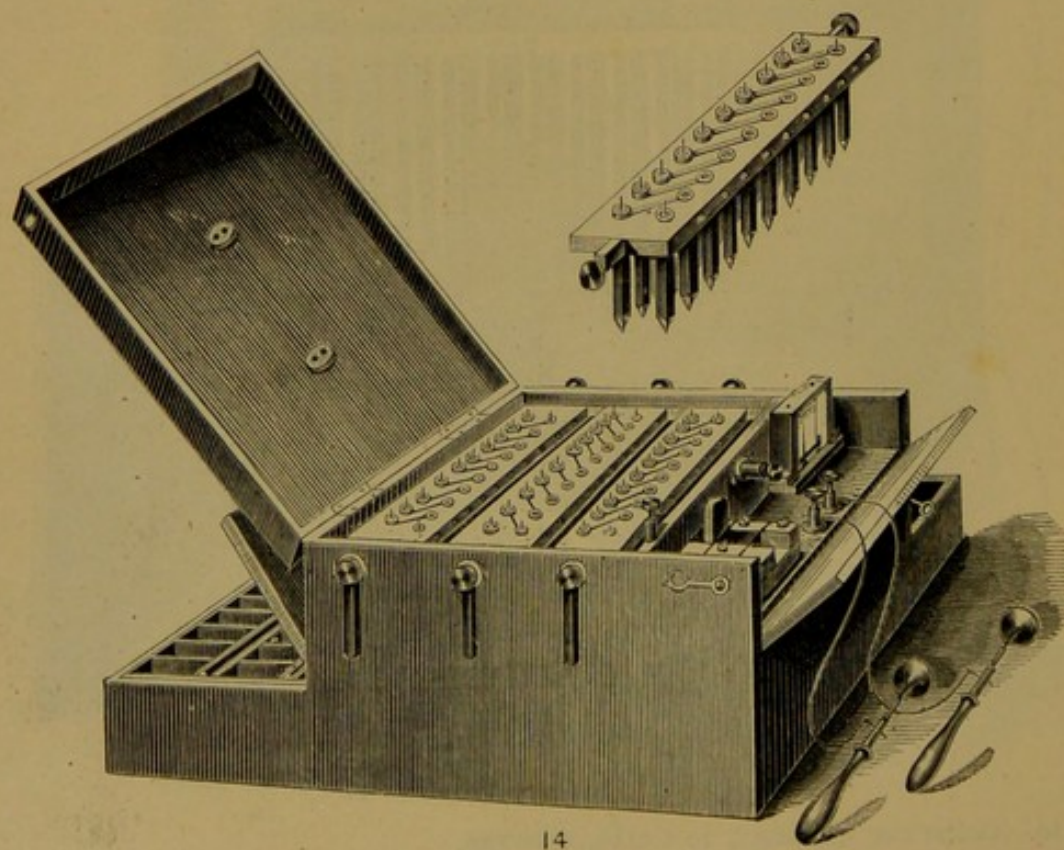
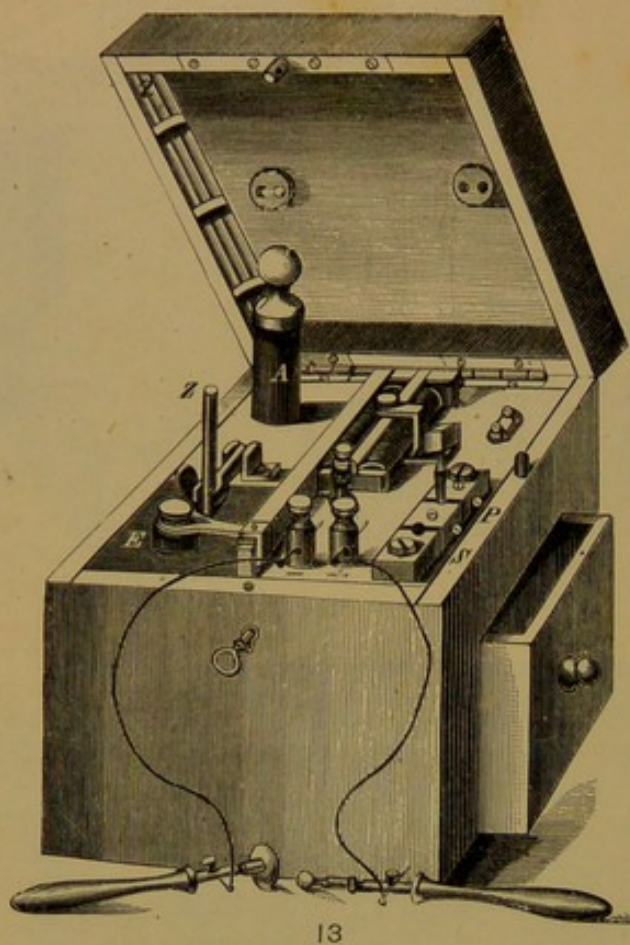
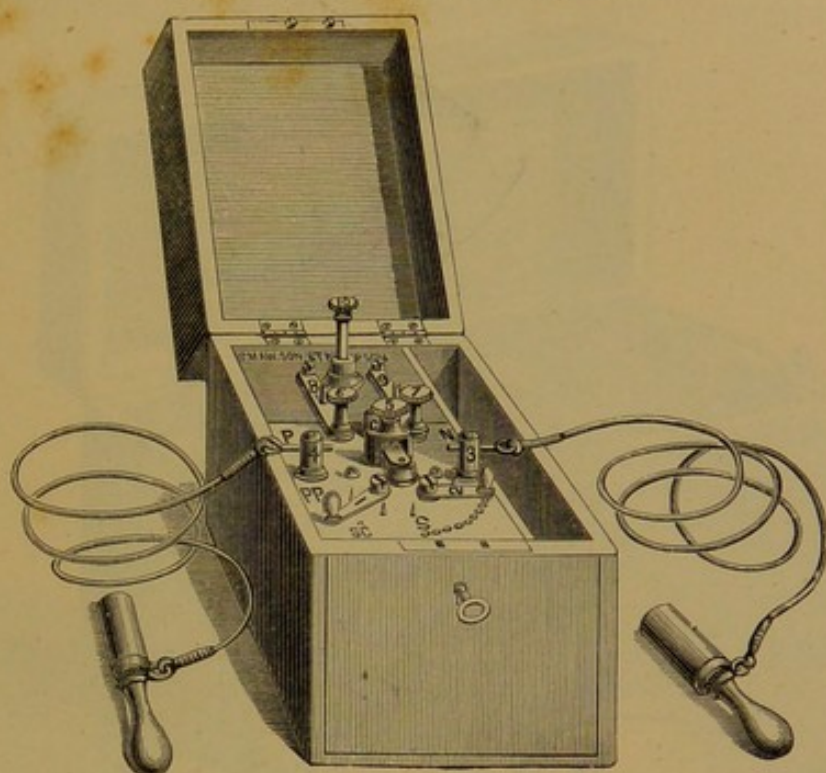


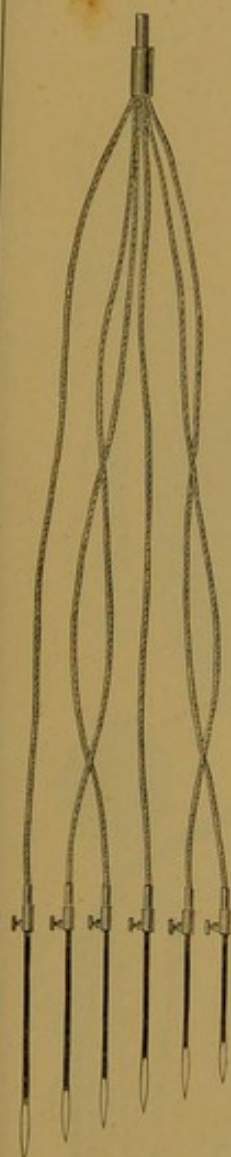
Fig. 13. INDUCED CURRENT, SINGLE CELL,
SPAMER'S.

Fig. 14. CONSTANT CURRENT, 32 CELLS,
SPAMER'S.

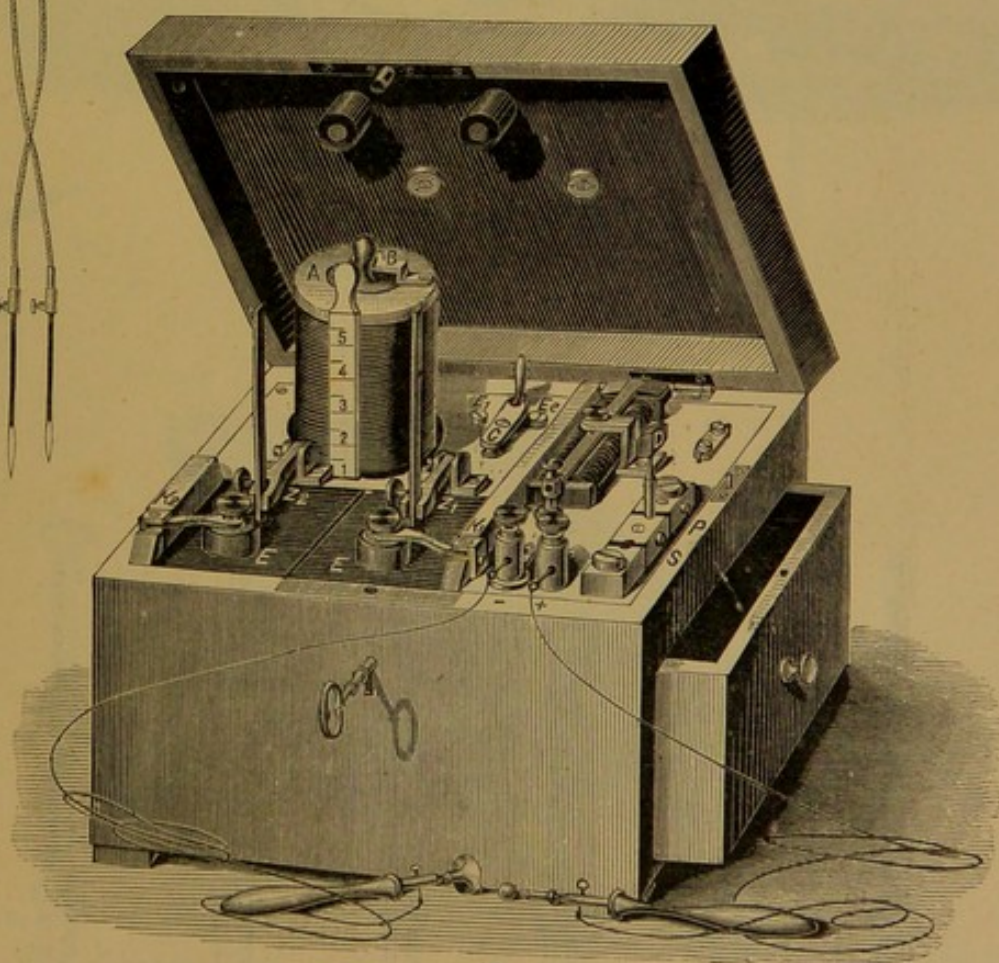
GALVANIC BATTERIES, ETC. (Continued).



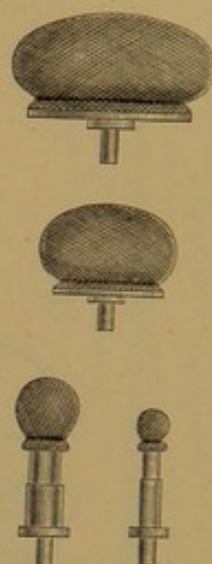
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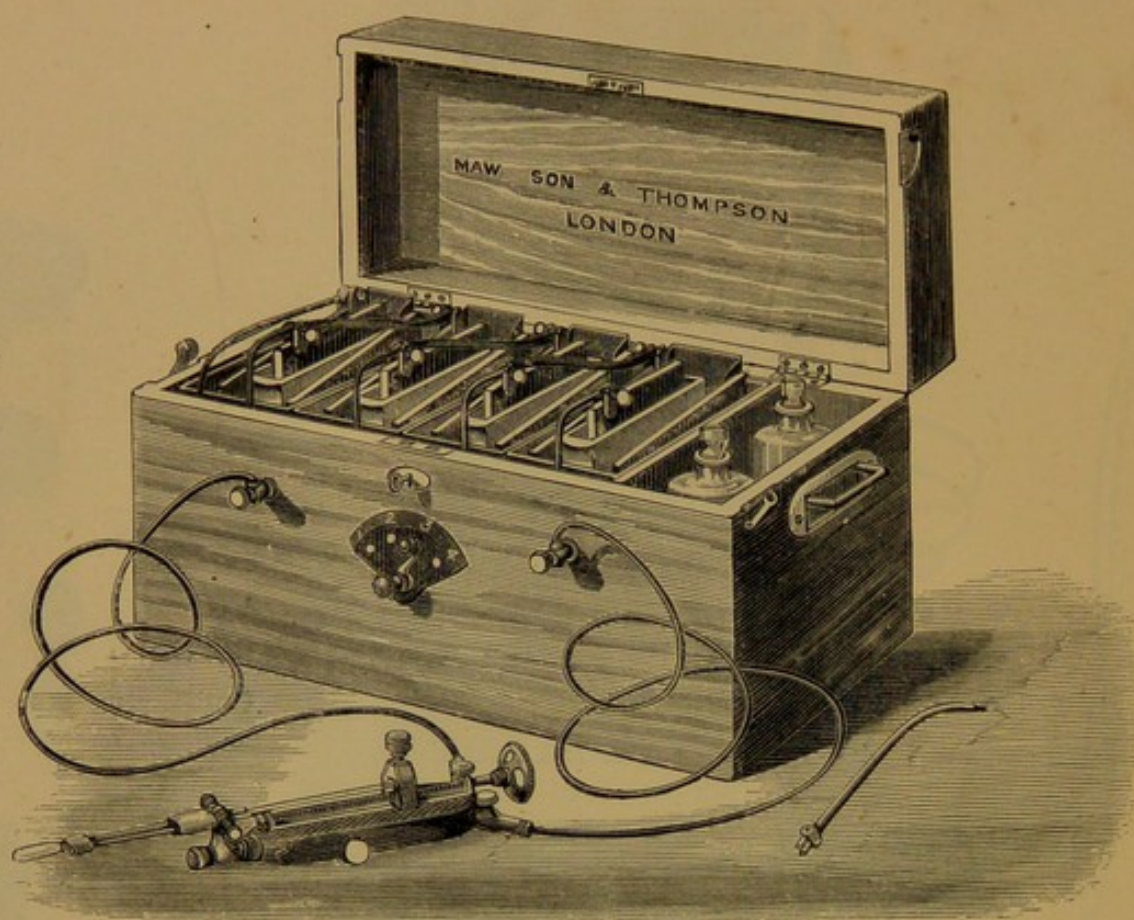
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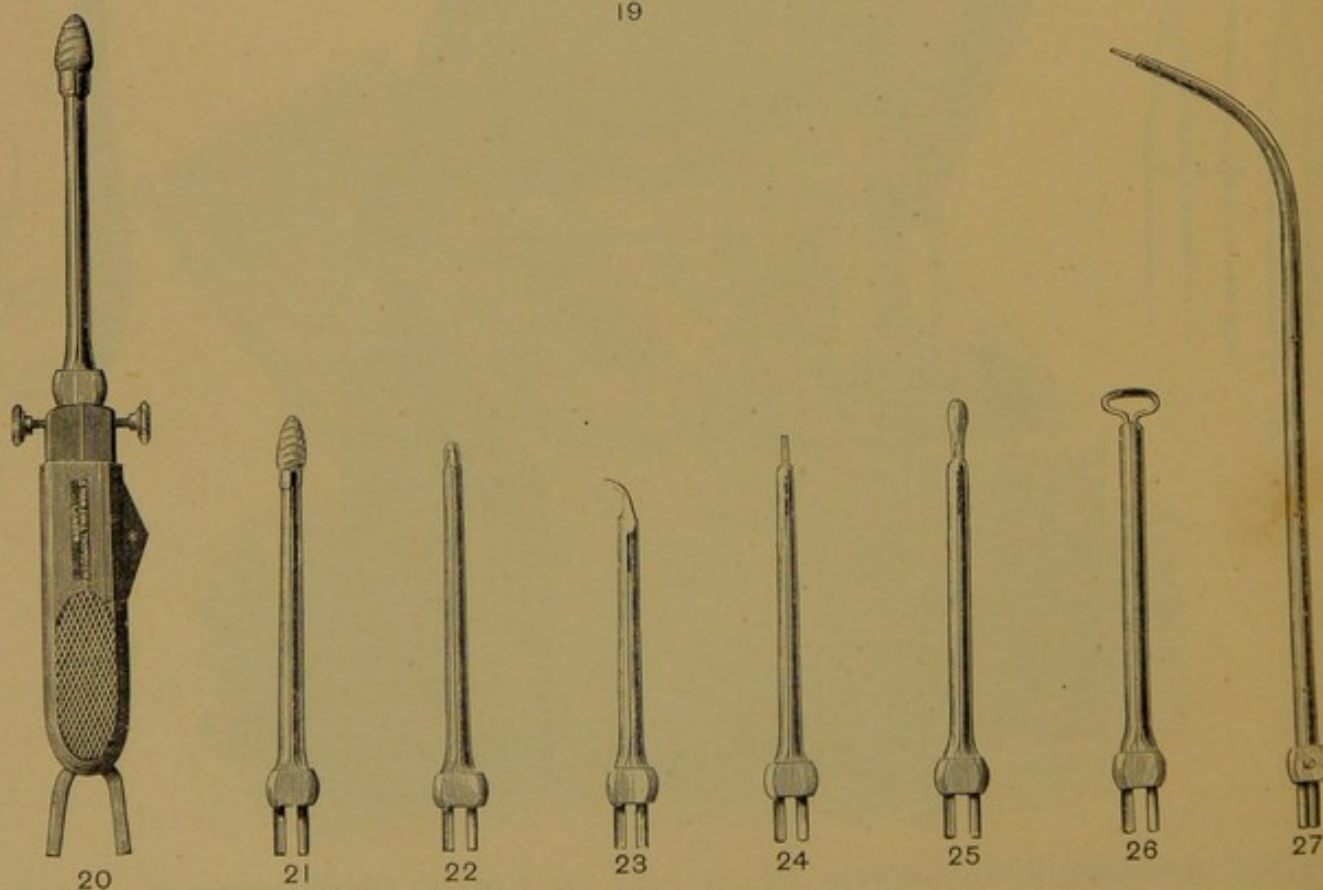
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Fig. 15. INDUCED CURRENT, GRENET'S.
Fig. 16. INDUCED CURRENT, TWO CELLS,
SPAMER'S.

Fig. 17. NEEDLES FOR ELECTROLYSIS.
Fig. 18. RHEOPHORES WITH CARBON HEADS,
THE SET FITTING ONE HANDLE.

GALVANIC BATTERIES, ETC. (*Continued*).

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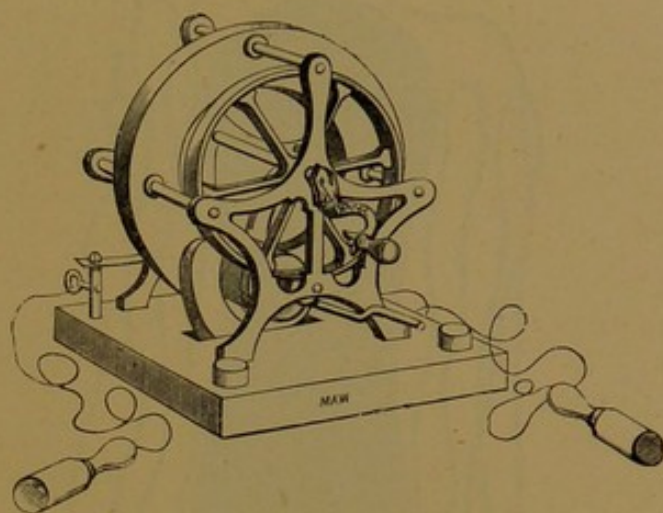


Figs. 19 to 27. CAUTERY, WITH RHEOPHORES.

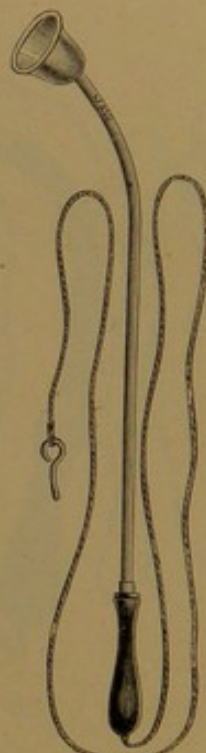
MAGNETO-ELECTRIC MACHINES AND RHEOPHORES.



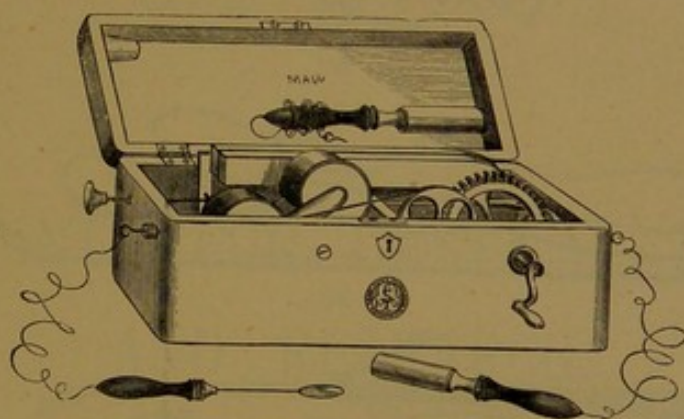
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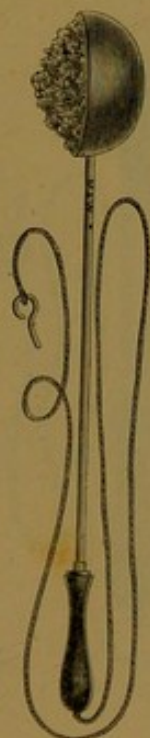
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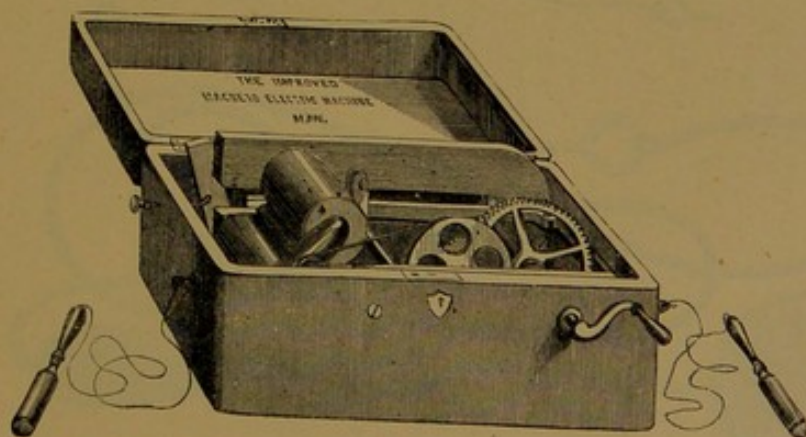
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Fig. 28. CIRCULAR MAGNET.

Fig. 29. DOUBLE MAGNET.

Fig. 30. SINGLE MAGNET.

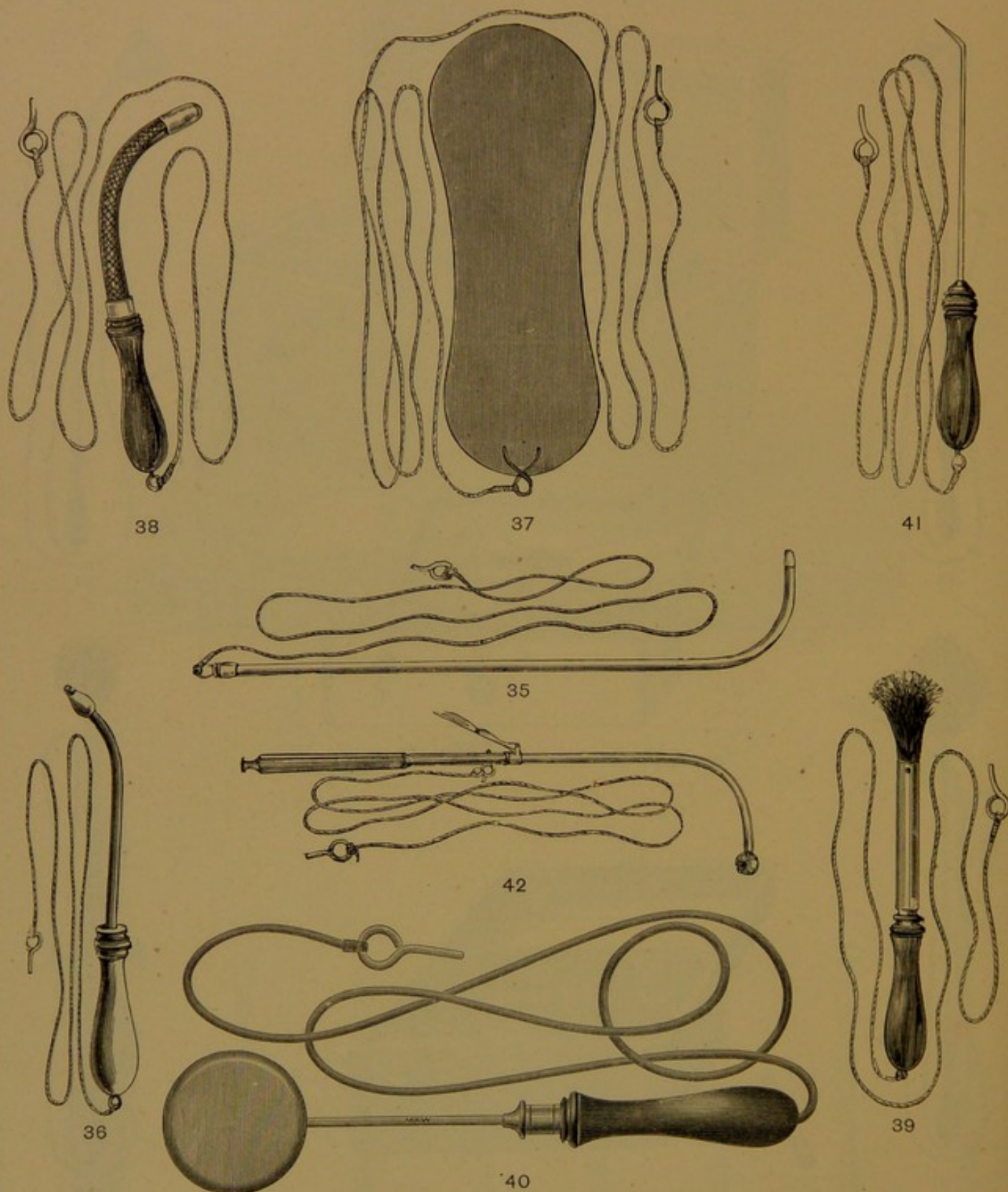
Fig. 31. RHEOPHORE, FOR APPLICATION UNDER A LOOSE DRESS.

Fig. 32. RHEOPHORE, FOR APPLICATION UNDER A LOOSE DRESS.

Fig. 33. RHEOPHORE, FOR THE EYE, WITH CUP TO HOLD WATER.

Fig. 34. RHEOPHORE, BELL-SHAPE, FOR THE UTERUS.

RHEOPHORES.



FOR THE APPLICATION OF THE GALVANIC OR MAGNETO-ELECTRIC CURRENT.

- Fig. 35. BLADDER.
 Fig. 36. EAR.
 Fig. 37. FOOT.
 Fig. 38. RECTUM AND VAGINA.

- Fig. 39. SPINE.
 Fig. 40. SPINE AND SCIATICA.
 Fig. 41. TEETH.
 Fig. 42. THROAT.

SECTION XVI.



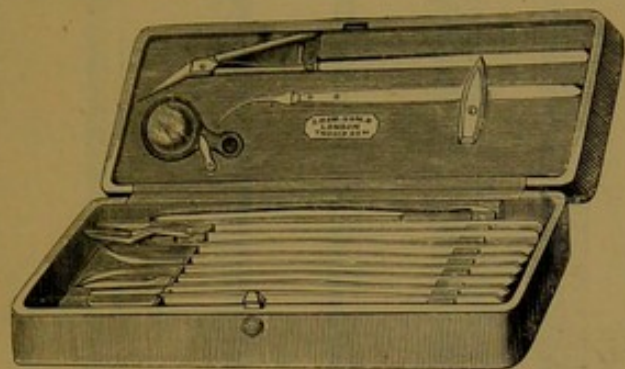
INSTRUMENTS FOR GENERAL DIAGNOSIS
AND RESEARCH.

CONTENTS OF SECTION XVI.

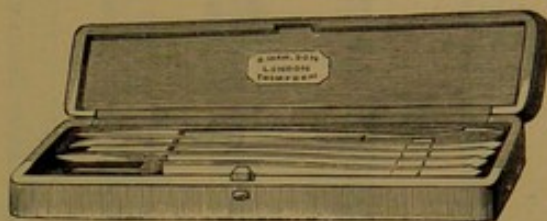
ACID BOTTLE AND CASE.
BOTANISTS' INSTRUMENTS.
CHEST MEASURE.
CLINICAL THERMOMETERS.
CONSULTING-ROOM LABORATORY.
ENTOMOLOGISTS' INSTRUMENTS.
MICROSCOPES.
MICROSCOPE ACCESSORIES.
PLESSERS.
PLEXIMETERS.

SEDIMENT COLLECTOR.
SPHYGMOGRAPHS.
SPIROMETER.
STETHOSCOPES.
THIMBLE.
URINE TEST CASES.
URINE TEST STANDS.
URINOMETERS, ETC.
WALDENBURG'S APPARATUS.

BOTANISTS' AND ENTOMOLOGISTS' INSTRUMENTS.



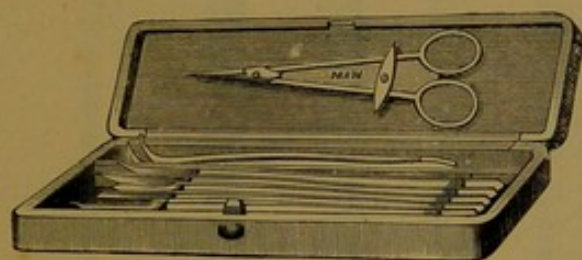
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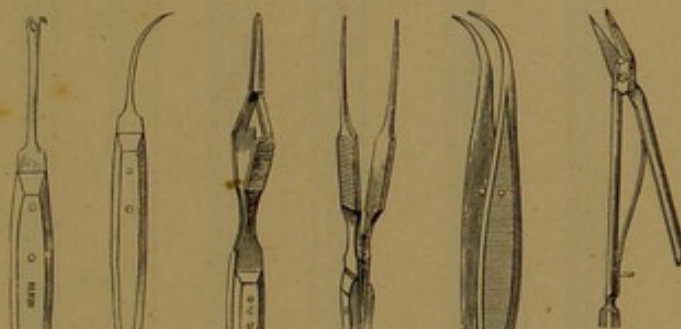
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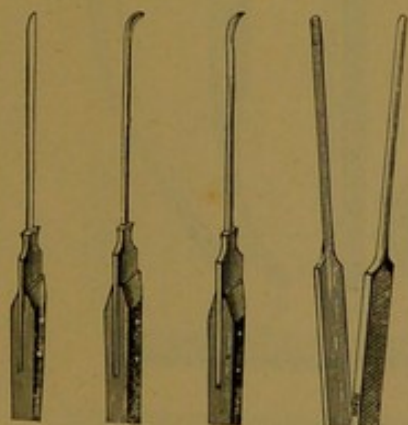
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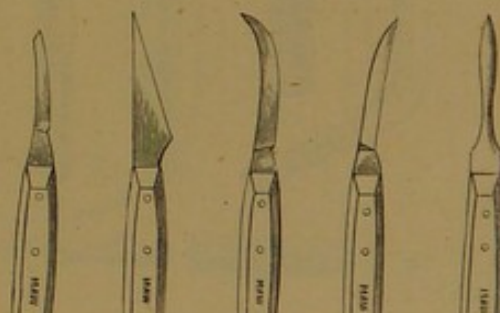
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Fig. 1. CONTAINS—FIVE KNIVES, TWO HOOKS, FINE NEEDLE, SPRING FORCEPS, FINE-POINTED FORCEPS, SELF-HOLDING FORCEPS, SPRING SCISSORS, AND MAGNIFYING LENS.

Fig. 2. CONTAINS—FIVE KNIVES, SPRING FORCEPS, AND FINE-POINTED SCISSORS.

Fig. 3. CONTAINS—FOUR KNIVES AND SPRING FORCEPS.

Fig. 4. FORCEPS, FINE POINTS.

Fig. 5. FORCEPS, FINE POINTS, IVORY HANDLE.

Fig. 6. FORCEPS, ROUND SERRATED POINTS.

Fig. 7. FORCEPS, SELF-HOLDING.

Fig. 8. HOOKS, IVORY HANDLE.

Figs. 9 } KNIVES FOR MINUTE DISSECTIONS.

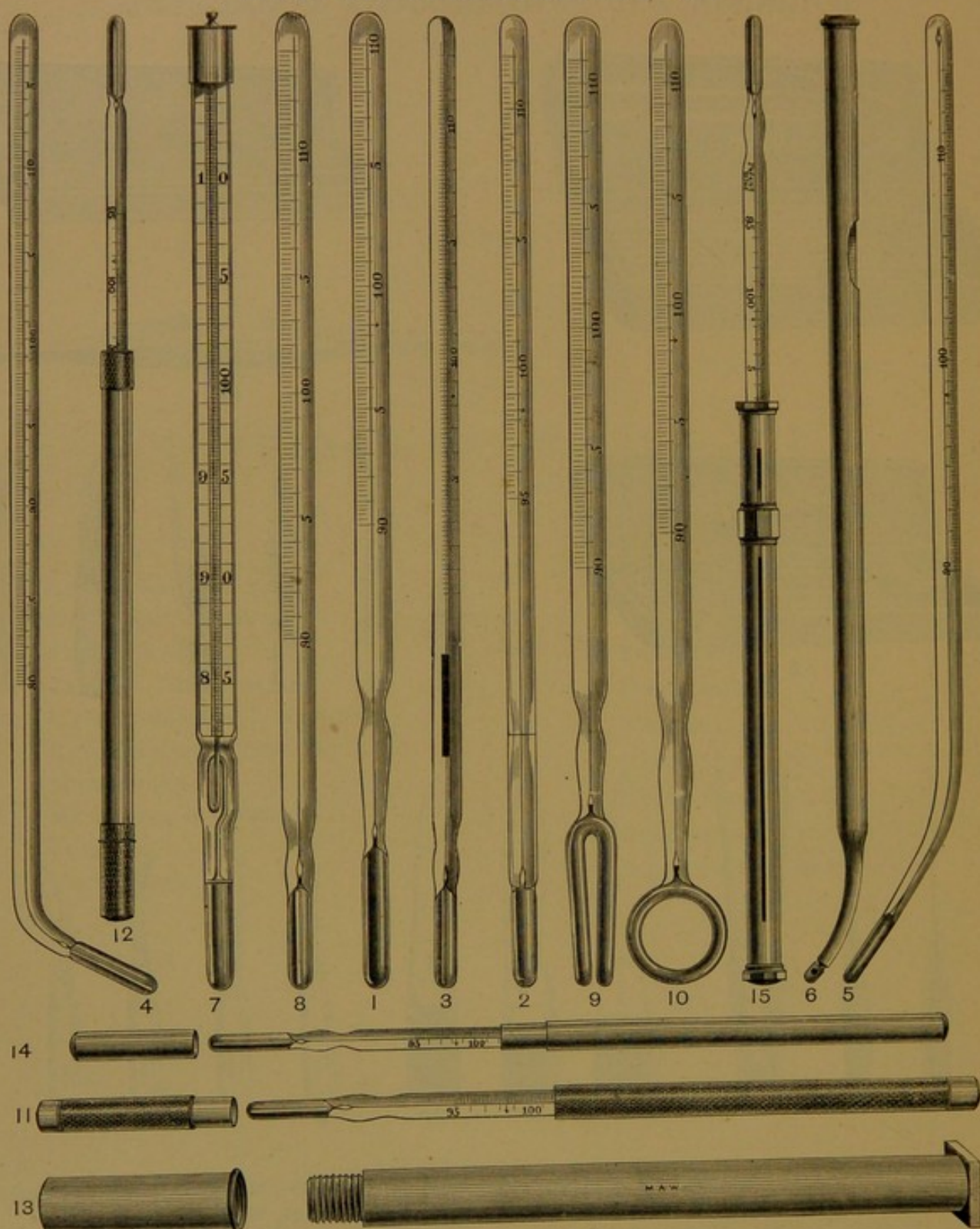
Fig. 14. KNIFE, VALANTIN'S, FOR SECTIONS.

Figs. 15 } NEEDLES.

Figs. 19 } SCALPELS, EBONY HANDLES.

Fig. 22. SPRING SCISSORS, IVORY HANDLE.

CLINICAL THERMOMETERS, ETC.



- Fig. 1. CONSTRICTED STEM.
 Fig. 2. CONSTRICTED STEM, WITH HERMETICALLY SEALED GLASS COVER.
 Fig. 3. CONSTRICTED STEM, "LENTICULAR," MAGNIFYING FRONT AND INDESTRUCTIBLE INDEX.
 Fig. 4. CURVED STEM, FOR THE AXILLA.
 Fig. 5. CURVED STEM, FOR UTERINE DIAGNOSIS.
 Fig. 6. CURVED STEM, FOR UTERINE DIAGNOSIS, IN METAL COVER.

- Fig. 7. PATENT STEM.
 Fig. 8. PLAIN HOSPITAL STEM.
 Fig. 9. } SURFACE, MAW'S IMPROVED.
 Fig. 10. }
Fitted in Cases, as follows:—
 Fig. 11. ALUMINIUM.
 Fig. 12. ALUMINIUM, PROPELLING.
 Fig. 13. BOXWOOD, EBONY, OR VULCANITE.
 Fig. 14. ELECTRO-PLATED, IVORY, OR SILVER.
 Fig. 15. HILLIARD'S.

MICROSCOPES.

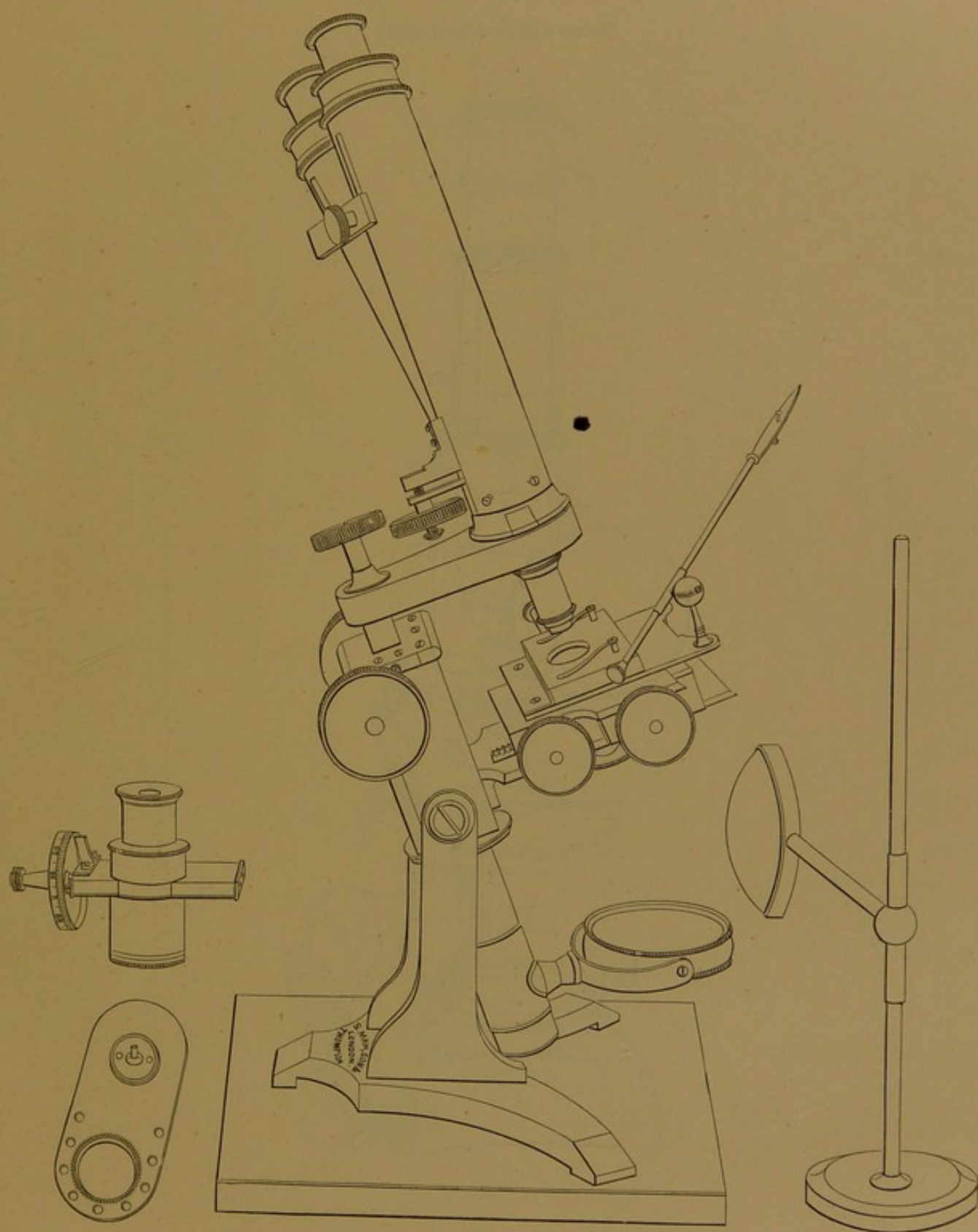
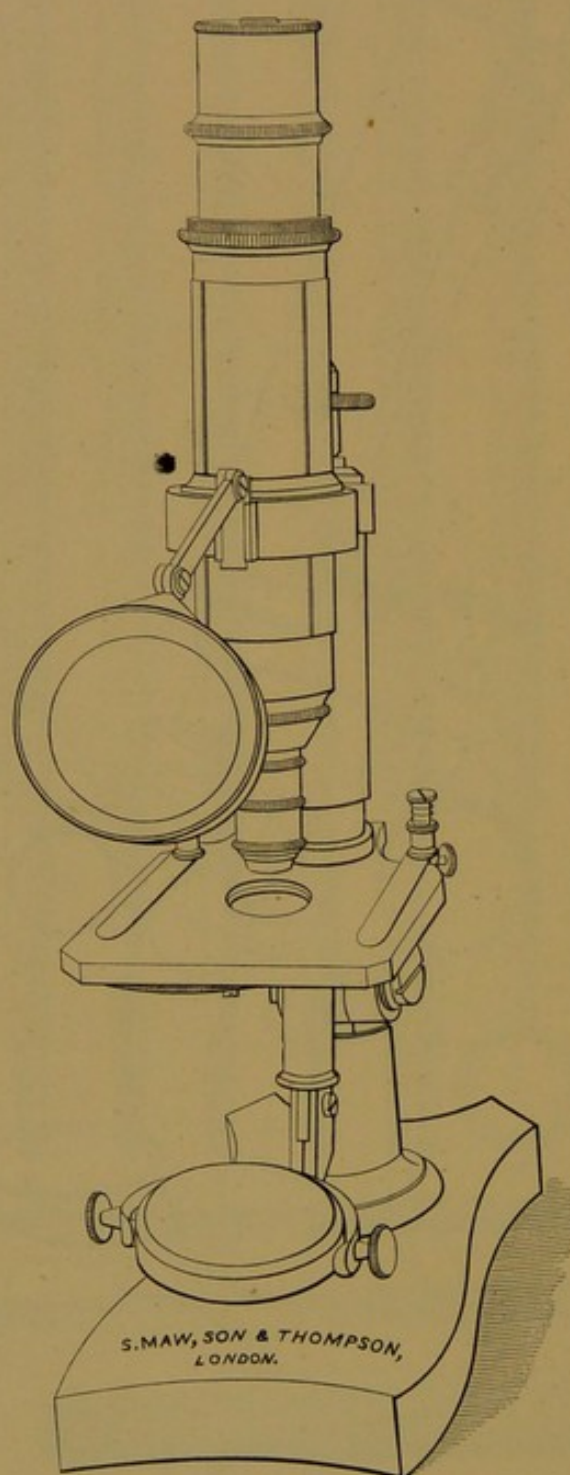


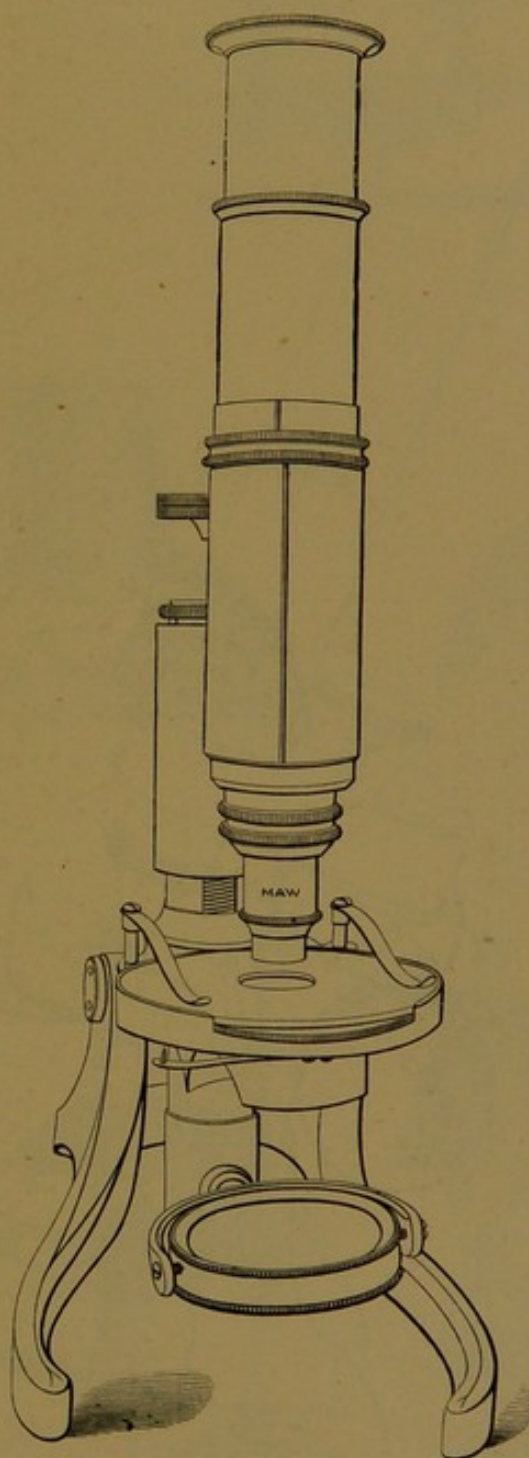
Fig. 1. BINOCULAR, WITH THREE OBJECT GLASSES, $\frac{1}{16}$ -IN., $\frac{1}{8}$ -IN., $\frac{1}{4}$ -IN., POLARISCOPE, ONE EACH NOS. 1 AND 2 EYE-PIECES, STAGE FORCEPS, STAGE CONDENSER, WATER TROUGH, SELENITE STAGE, MICROMETER, PARABOLIC REFLECTOR, ETC.

MICROSCOPES (*Continued*).

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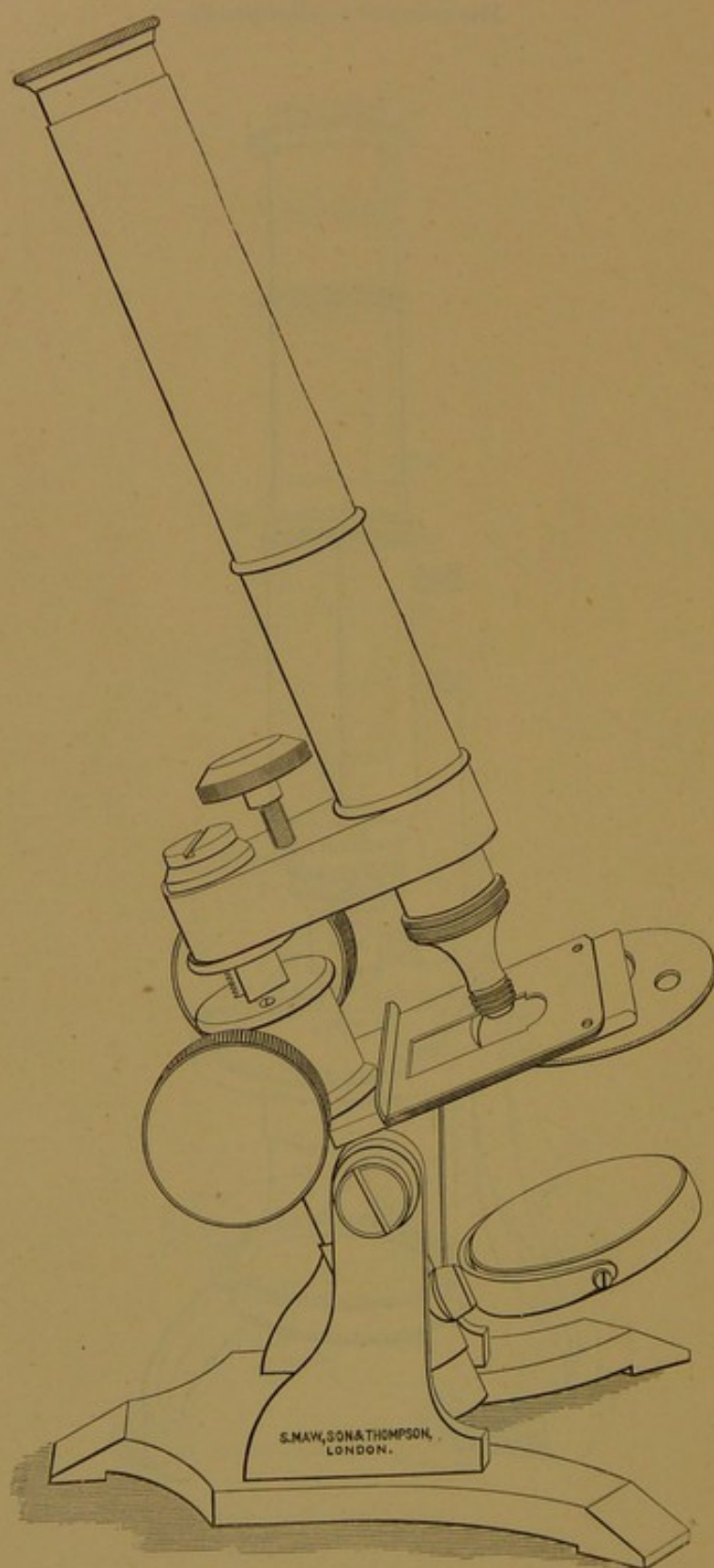
Fig. 2. MONOCULAR, COARSE AND FINE ADJUSTMENTS, TWO OBJECT GLASSES, 1-IN., $\frac{1}{4}$ -IN., DEEP EYE-PIECE, CONCAVE MIRROR, AND DIAPHRAGM.

MICROSCOPES (*Continued*).



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Fig. 3. MONOCULAR, ONE $\frac{1}{4}$ -IN. OBJECT GLASS, DEEP EYE-PIECE, CONCAVE MIRROR, AND DIAPHRAGM.

MICROSCOPES (*Continued*).

4

Fig. 4. MONOCULAR, PLAIN, FINE AND COARSE ADJUSTMENTS, OBJECT GLASS, $\frac{1}{4}$ -IN., STAGE CONDENSER, WATER TROUGH, REVOLVING DIAPHRAGM, CONCAVE MIRROR, AND FORCEPS.

MICROSCOPE ACCESSORIES.

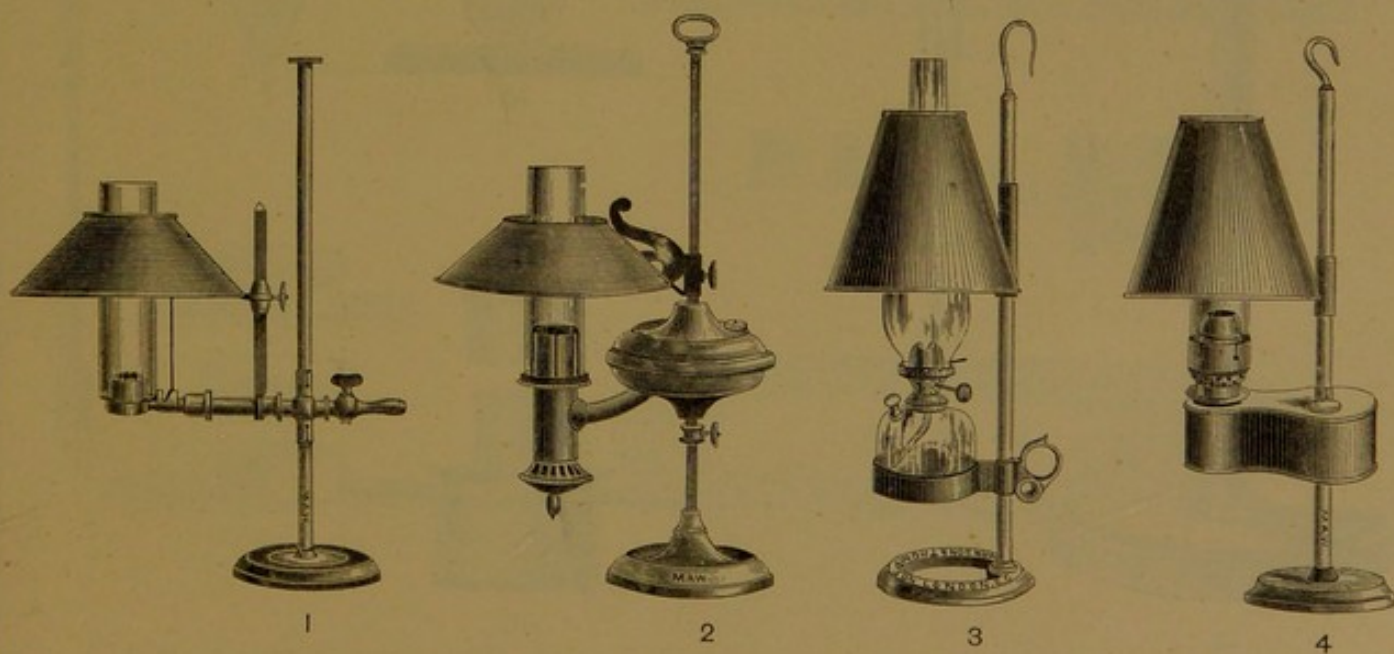
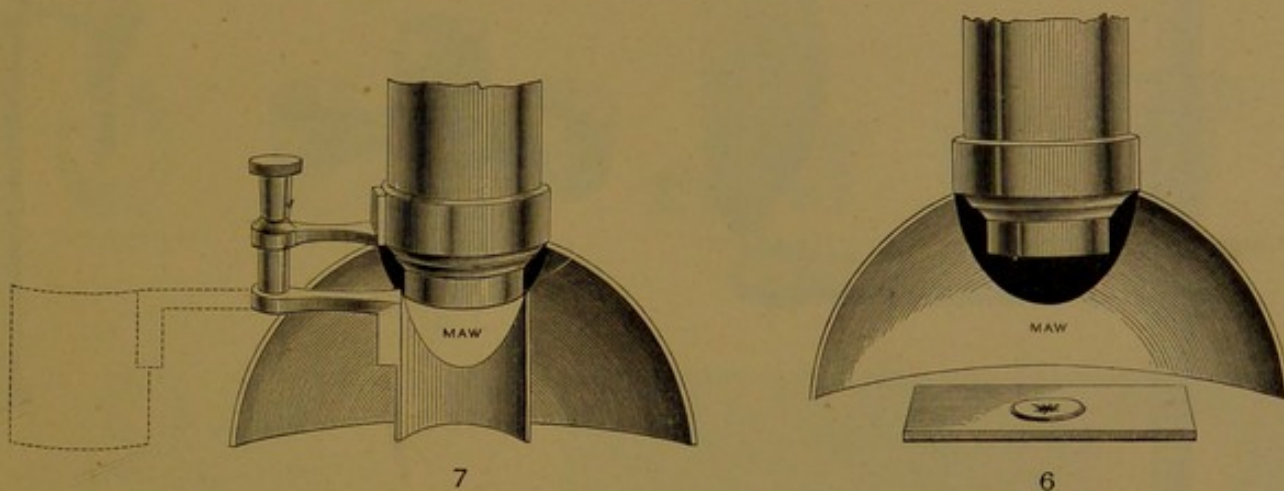
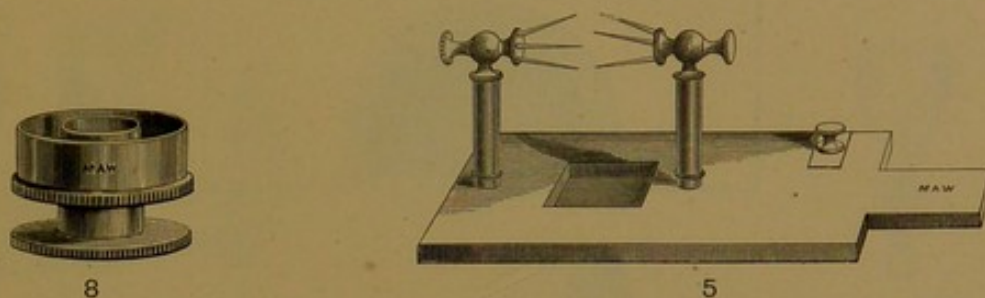


Fig. 1. LAMP FOR GAS, WITH SLIDE ARM.
Figs. 2 } LAMPS FOR OIL, WITH SLIDE ARMS.
to 4. }

Fig. 6. PARABOLIC REFLECTOR.
Fig. 7. PARABOLIC REFLECTOR, WITH SIDE SHUTTER.
Fig. 8. POLARISCOPE.

MICROSCOPE ACCESSORIES (Continued).

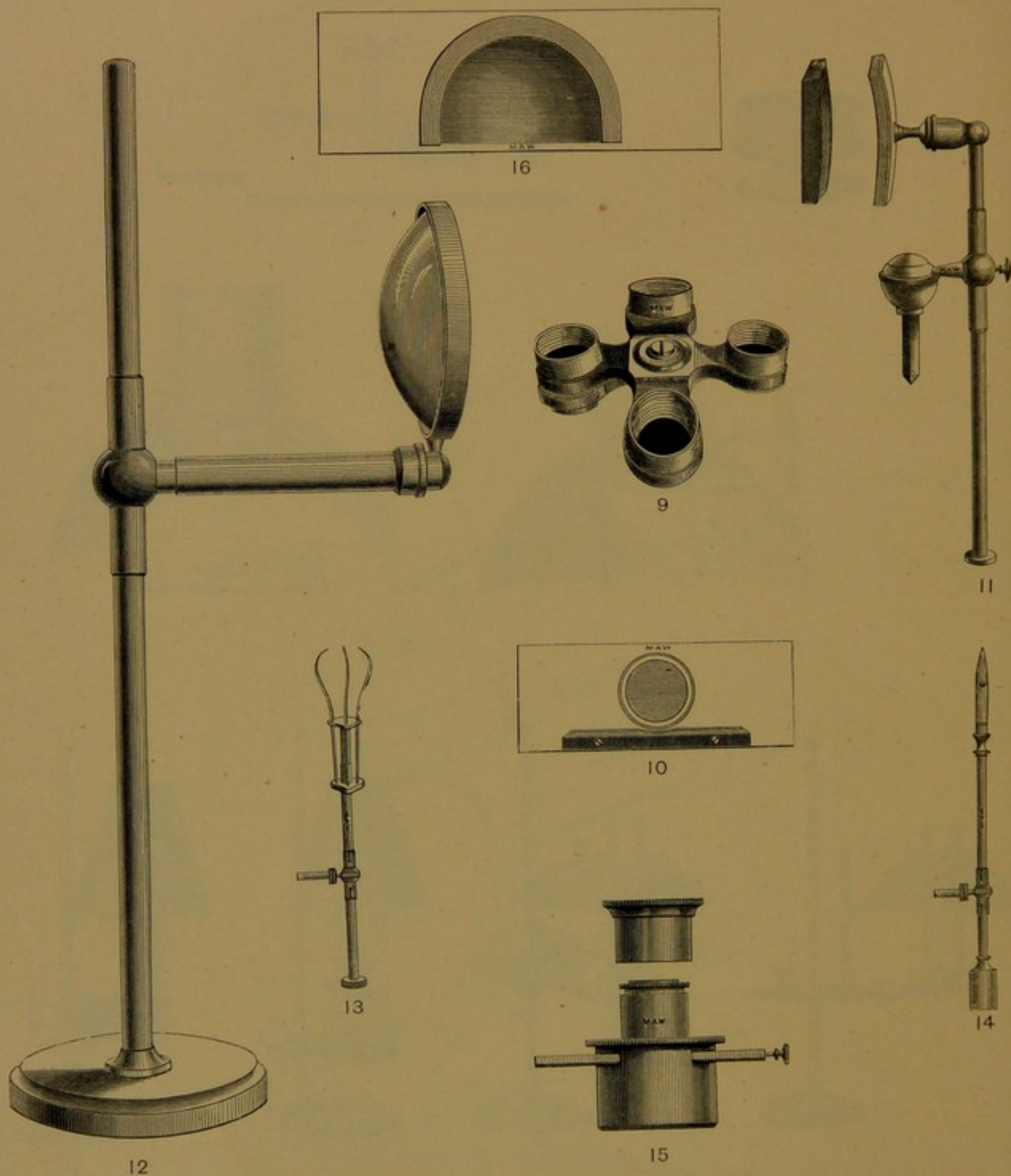
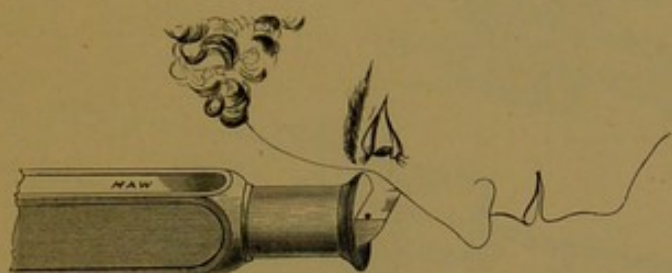


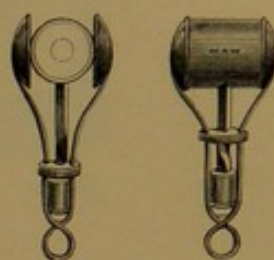
Fig. 9. QUADRUPE NOSE-PIECE.
 Fig. 10. SELENITE STAGE.
 Fig. 11. SILVER-PLATED REFLECTOR.
 Fig. 12. STAGE CONDENSER.

Fig. 13. STAGE FORCEPS, WITH CLAWS.
 Fig. 14. STAGE FORCEPS, PLAIN.
 Fig. 15. STAGE MICROMETER.
 Fig. 16. ZOOPHITE TROUGH.

MICROSCOPE ACCESSORIES (Continued).



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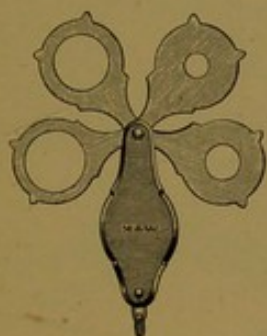
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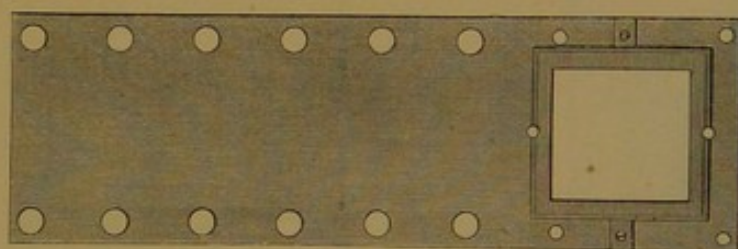
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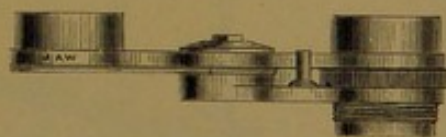
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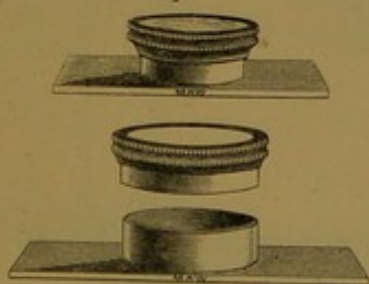
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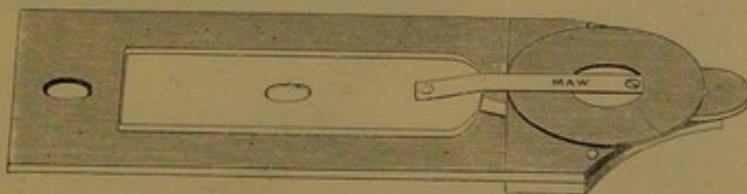
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Fig. 17. CAMERA LUCIDA, WOLLASTON'S.

Fig. 18. CODDINGTON LENS.

Fig. 19. DARK WELLS.

Fig. 20. DOUBLE NOSE-PIECE.

Fig. 21. FROG PLATE.

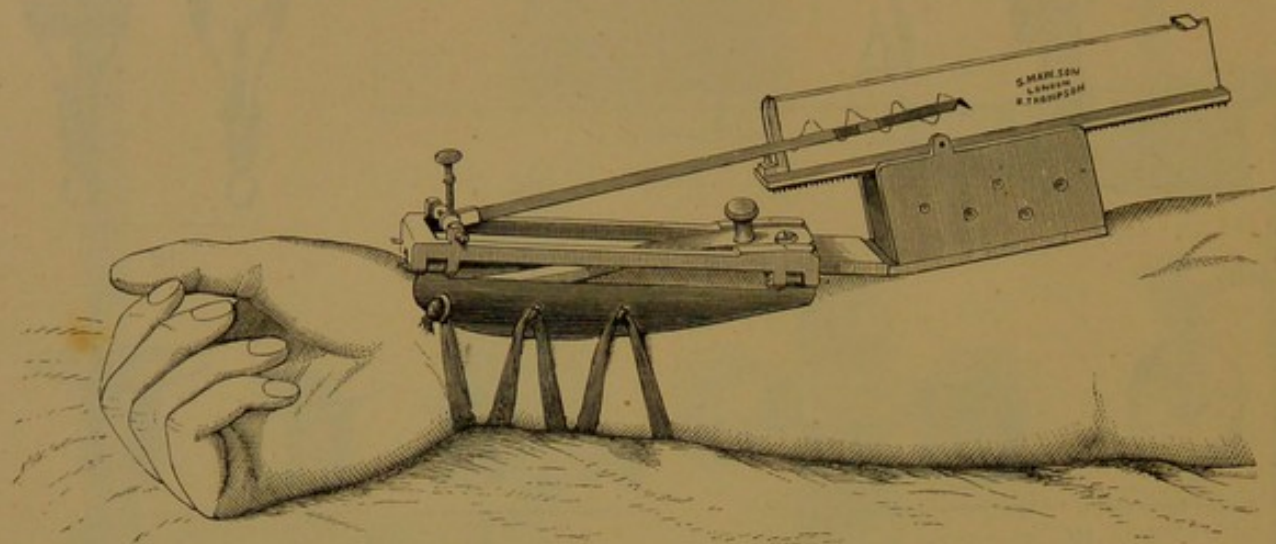
Fig. 22. HAND LENS.

Fig. 23. LIEBERKÜHN'S.

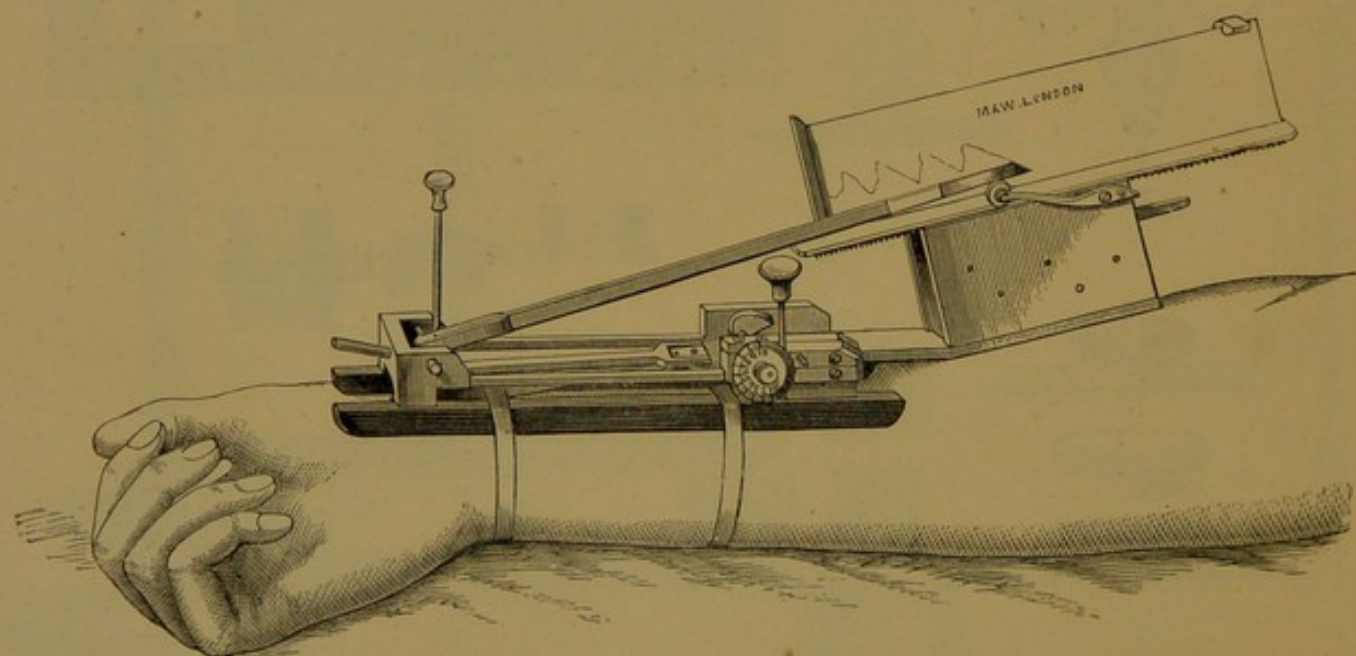
Fig. 24. LIVE BOXES.

Fig. 25. LIVE TRAP.

SPHYGMOGRAPHS.



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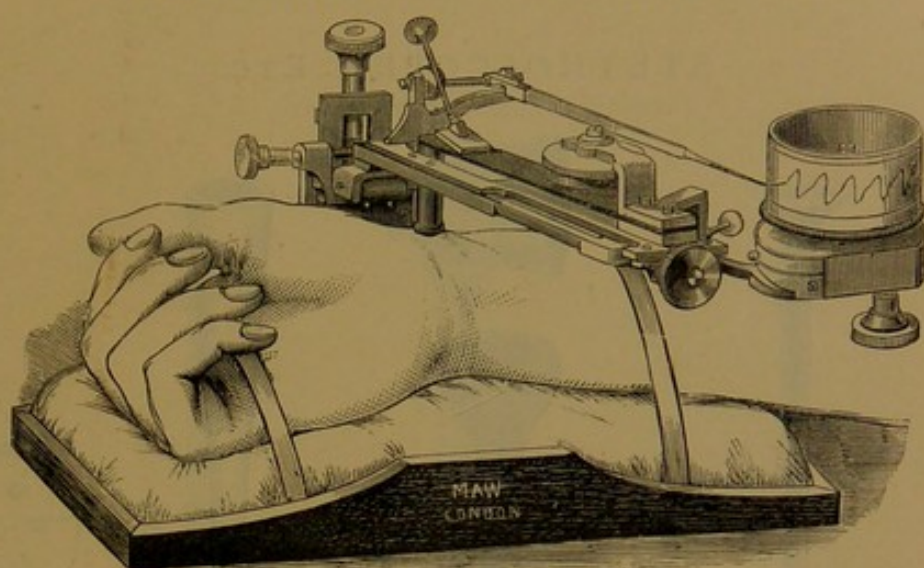
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Fig. 1. MAREY'S.

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Fig. 2. MAHOMED'S.

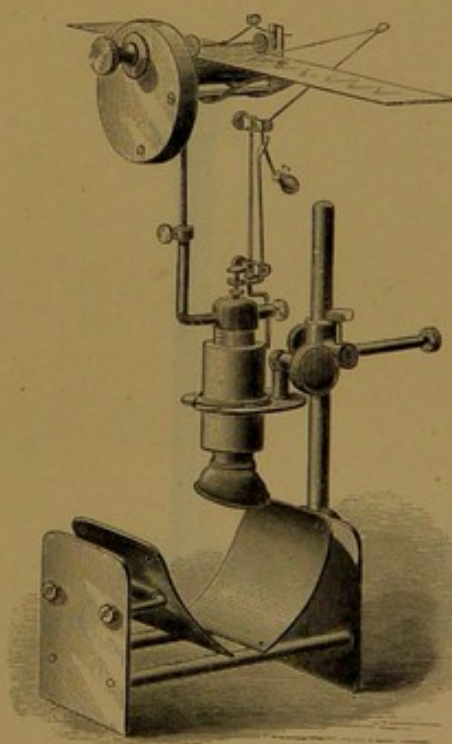
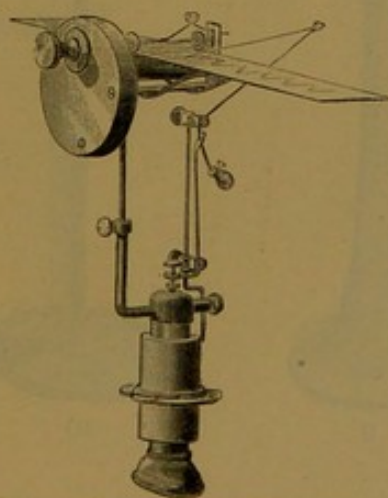
SPHYGMOGRAPHS, SPIROMETER, ETC.



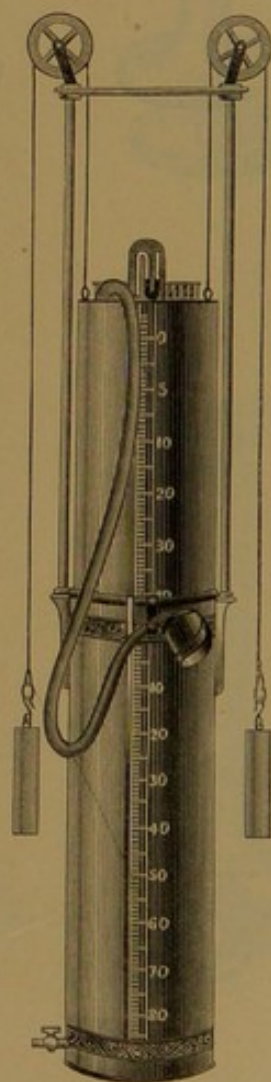
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Fig. 3. SPHYGMOGRAPH, MAW'S.
Fig. 4. SPHYGMOGRAPH, POND'S.
Fig. 5. SPIROMETER, LOWNDE'S.

Fig. 6. WALDENBURG'S APPARATUS, FOR ADMINISTERING AIR IN DISEASES OF THE RESPIRATORY AND CIRCULATORY SYSTEMS.

STETHOSCOPES, ETC.

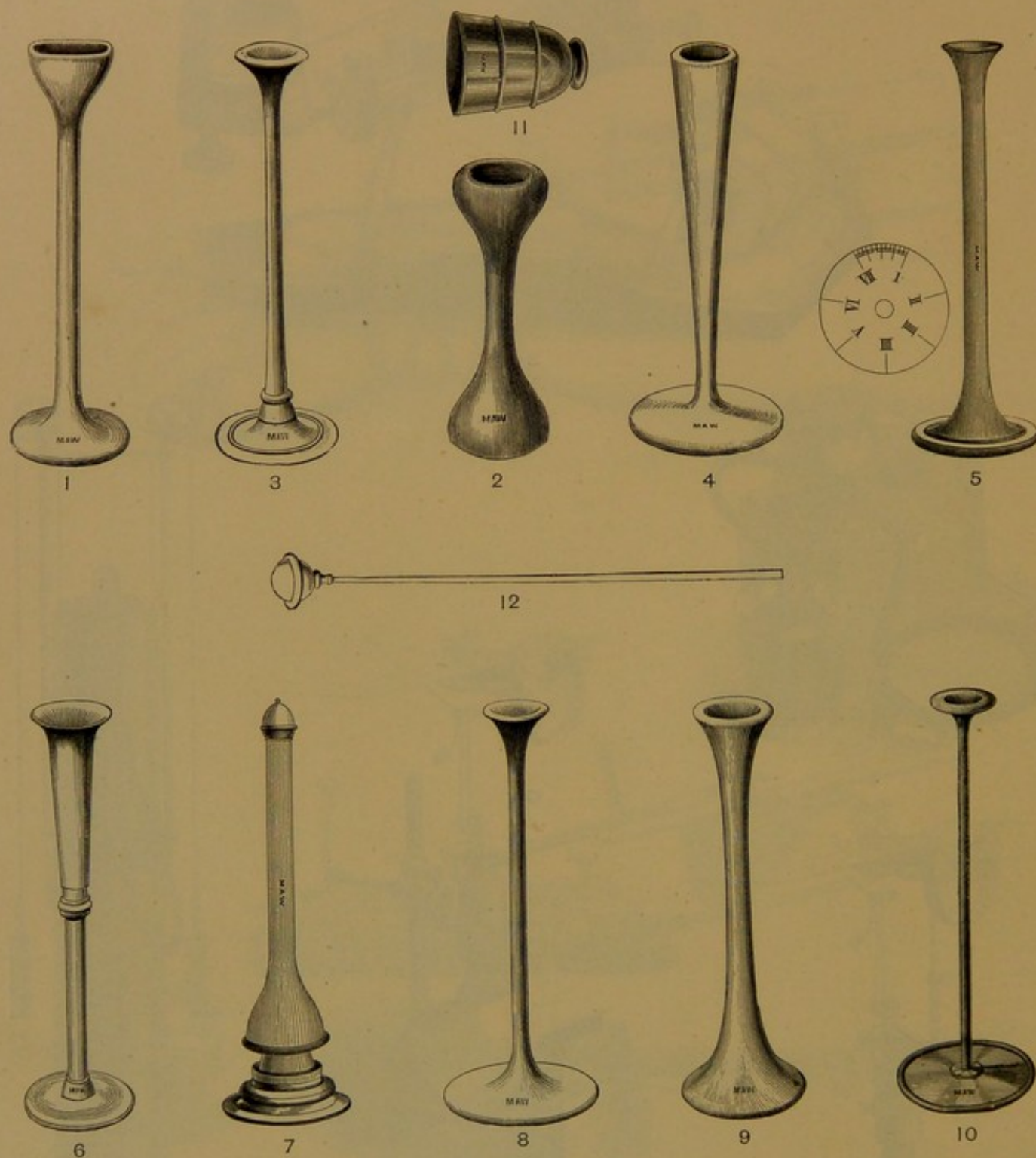


Fig. 1. BARRON'S.
 Fig. 2. BILLING'S.
 Fig. 3. BURROWS'.
 Fig. 4. CLARK'S.

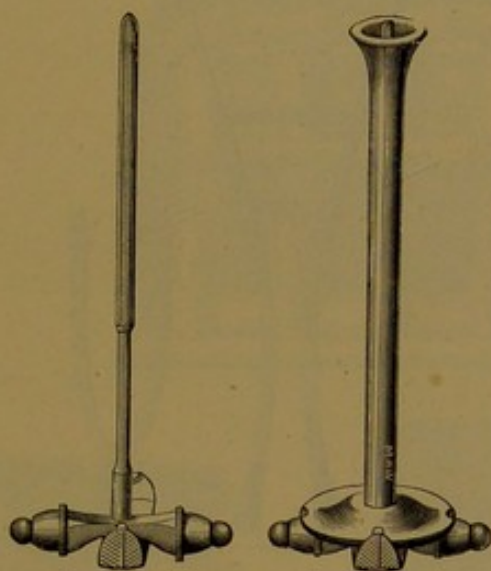
Fig. 5. DOBELL'S.
 Fig. 6. EBONITE, PORTABLE, FOR
 POCKET.
 Fig. 7. ELLIOTSON'S.
 Fig. 8. FERGUSON'S.

Fig. 9. HUGHES'.
 Fig. 10. METAL, VULCANITE
 EAR-PLATE.
 Fig. 11. PERCUSSION THIMBLE.
 Fig. 12. PLESSER, VERNON'S.

STETHOSCOPES, ETC. (*Continued*).



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Fig. 13. *SALTER'S.*

Fig. 14. *STEARNE'S, WITH PLEXIMETER AND PLESSOR.*

Fig. 15. *STOKES'.*

Fig. 16. *STOKES', WITH RING FOR PERCUSSION.*

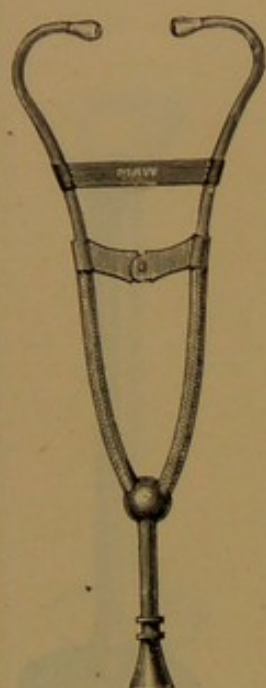
Fig. 17. *TELESCOPIC, IVORY MOUNTS.*

Fig. 18. *VULCANITE, MOVABLE EAR-PLATE.*

Fig. 19. *WALSH'S.*

Fig. 20. *WALSH'S, SOLID.*

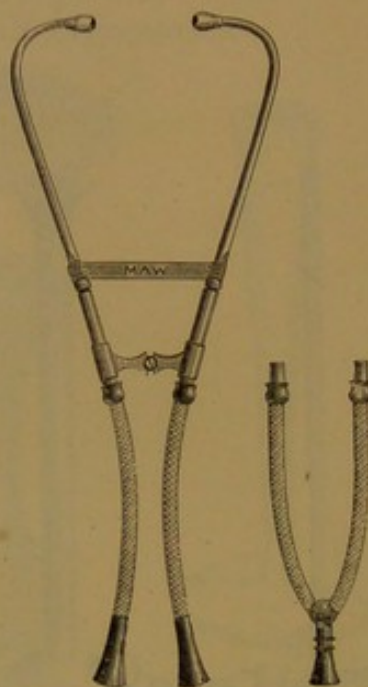
Fig. 21. *WILLIAMS'.*

STETHOSCOPES, ETC. (*Continued*).

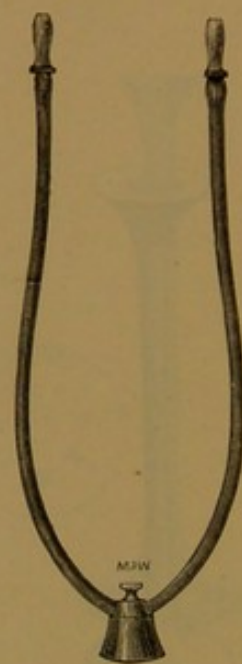
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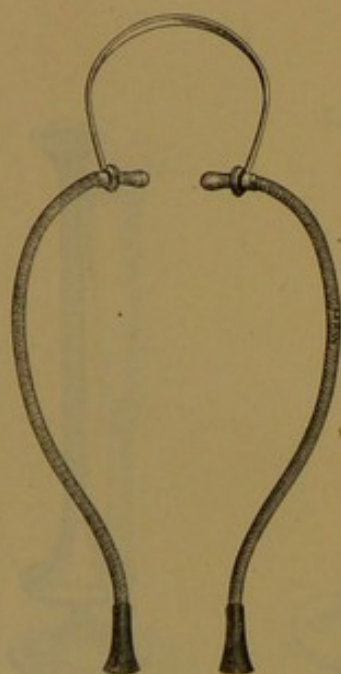
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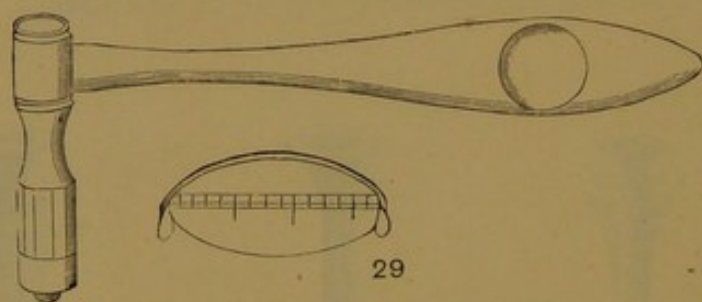
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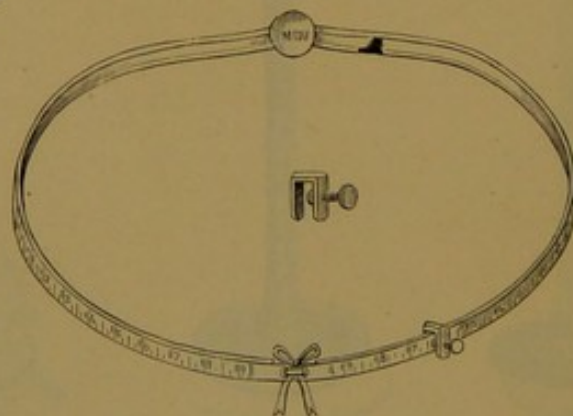
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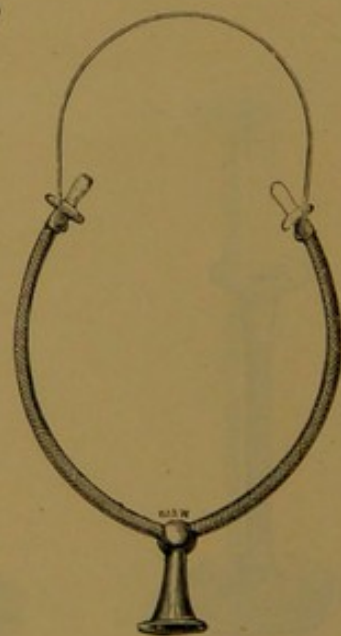
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- Fig. 22. BINAURAL, DOUBLE CHEST-PIECES.
 Fig. 23. BINAURAL, DOUBLE CHEST-PIECES
 AND STEEL HEAD SPRING.
 Fig. 24. BINAURAL, DOUBLE AND SINGLE
 CHEST-PIECES.
 Fig. 25. BINAURAL, SINGLE CHEST-PIECE.

- Fig. 26. BINAURAL, SINGLE CHEST-PIECE
 AND STEEL HEAD SPRING.
 Fig. 27. BINAURAL, SINGLE CHEST-PIECE,
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 Fig. 28. CHEST MEASURE, SCOTT'S.
 Fig. 29. PLEXIMETER AND PLESSOR.

URINE TEST CASES, TEST STANDS, ETC.

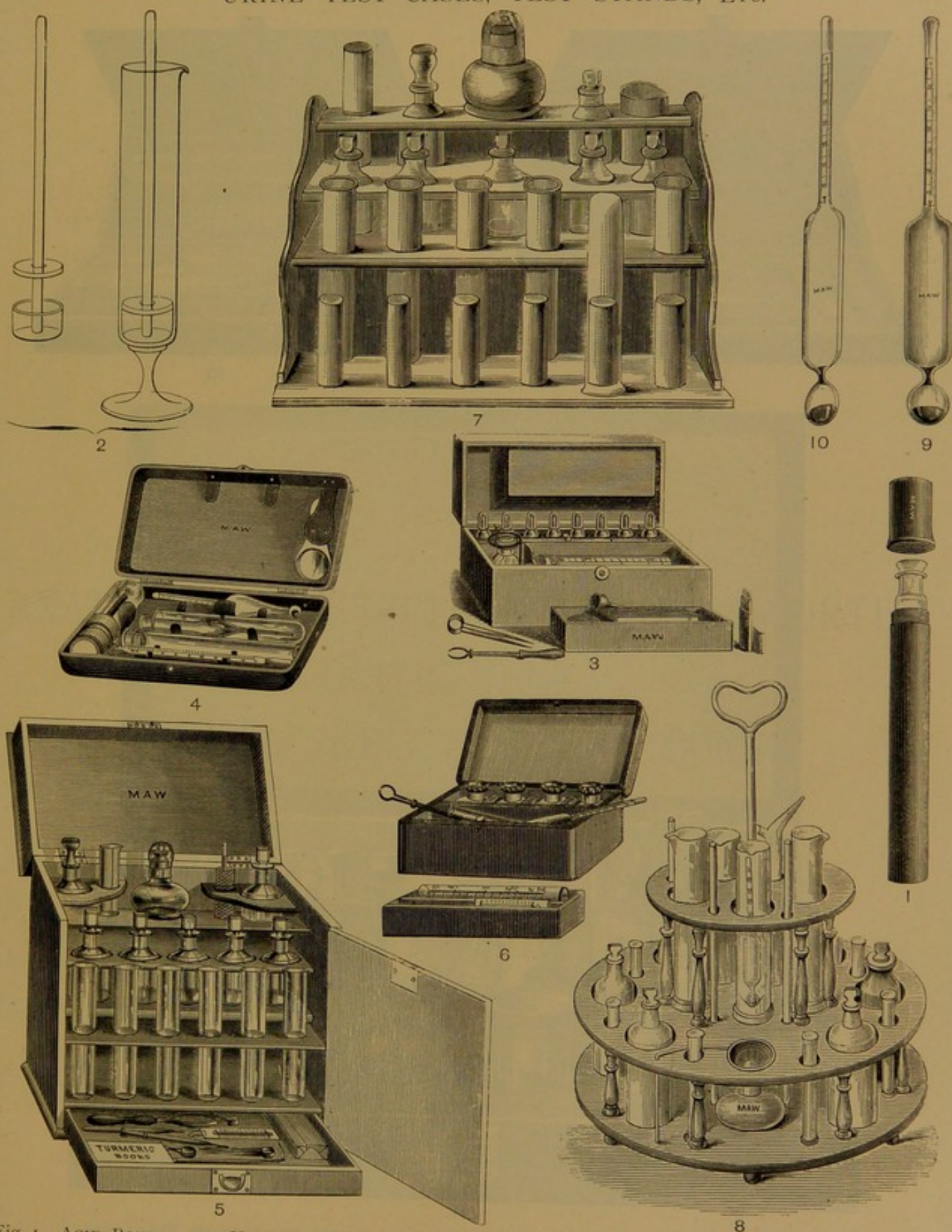
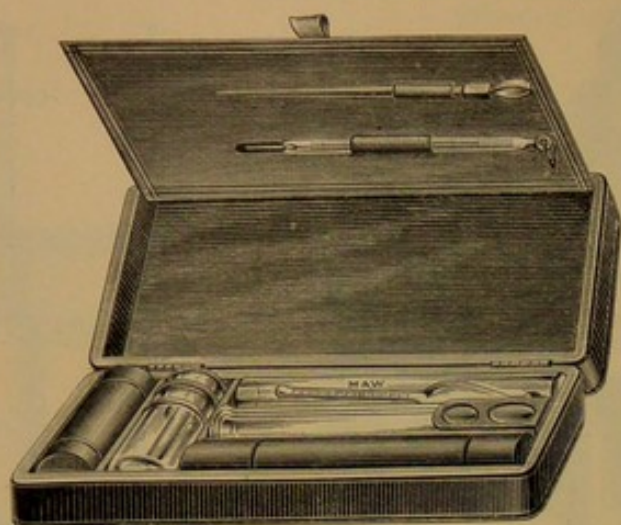


Fig. 1. ACID BOTTLE AND VULCANITE CASE.
Fig. 2. SEDIMENT COLLECTOR, DOBELL'S.

Fig. 3. TEST CASE, BEALE'S.
Fig. 4. } TEST CASES, MAW'S.
Fig. 5. }
Fig. 6. TEST CASE, PROUT'S.

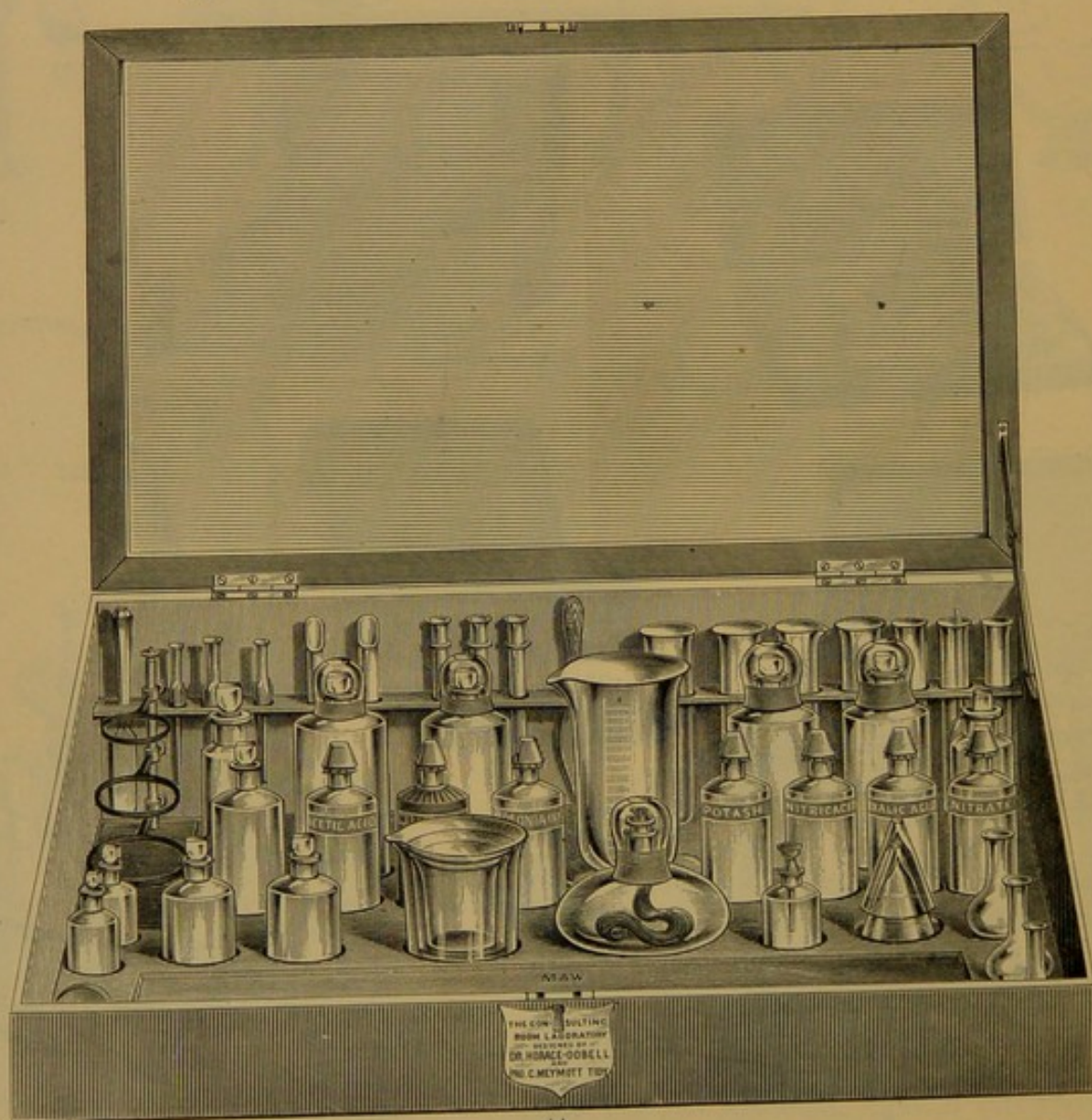
Fig. 7. TEST STAND, MAW'S.
Fig. 8. TEST STAND, ROBERTS'.
Fig. 9. URINOMETER, ROUND BULB.
Fig. 10. URINOMETER, FLAT BULB.

URINE TEST CASES, TEST STANDS, ETC. (*Continued*).

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- Fig. 11. CONSULTING ROOM LABORATORY, DOBELL'S, THE FRAME ENTIRELY OF VULCANITE.
 Fig. 12. TEST CASE, WITH THERMOMETER, ALEXANDER'S.
 Fig. 13. TEST CASE, WITH TWO THERMOMETERS AND SYRINGE FOR SUBCUTANEOUS INJECTIONS, ALEXANDER'S.

SECTION XVII.

ANATOMICAL, DISSECTION, AND POST-MORTEM
INSTRUMENTS,
HUMAN SKELETON AND BONES.

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BLOW-PIPE.

BOWEL SCISSORS.

BRAIN KNIFE.

CARTILAGE KNIVES.

CHISEL.

DISSECTION FORCEPS.

DISSECTION SCALPELS.

DISSECTION SCISSORS.

EMBALMING SYRINGE.

FEMURS.

FOOT, ARTICULATED.

HAMMER.

HAND, ARTICULATED.

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NEEDLE.

POST-MORTEM CASES.

POST-MORTEM INSTRUMENTS.

SAW.

SKELETON, ARTICULATED.

SKULL, ARTICULATED.

SKULL CORONET.

SPINE WRENCH.

SPRING FORCEPS.

SYRINGES FOR ANATOMICAL
INJECTIONS.

TRIPOD.

SYRINGES FOR ANATOMICAL INJECTIONS.

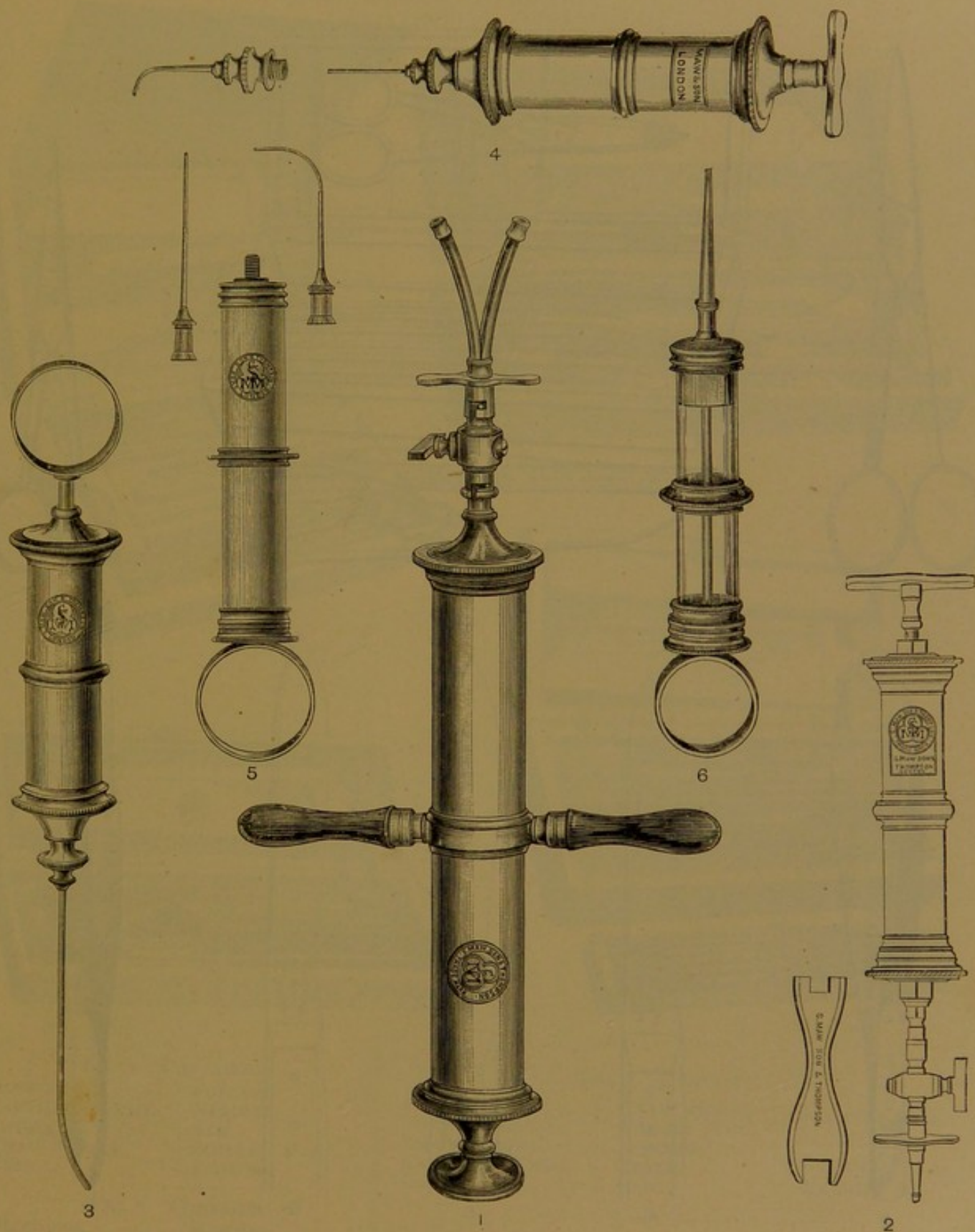


Fig. 1. BRASS, 16 OZ., FOR EMBALMING.

Fig. 2. BRASS, 2 OZ. TO 6 OZ.

Fig. 3. ELECTRO-PLATED, LONG FINE CURVED PIPE, $\frac{1}{2}$ OZ.

Fig. 6. ELECTRO-PLATED MOUNTS AND GLASS BARREL, WITH FINE PIPE, $\frac{1}{4}$ OZ.

Fig. 4. ELECTRO-PLATED, CURVED AND STRAIGHT FINE PIPES, $\frac{1}{2}$ OZ.

Fig. 5. ELECTRO-PLATED, CURVED AND STRAIGHT FINE PIPES, $\frac{1}{4}$ OZ.

DISSECTION INSTRUMENTS.

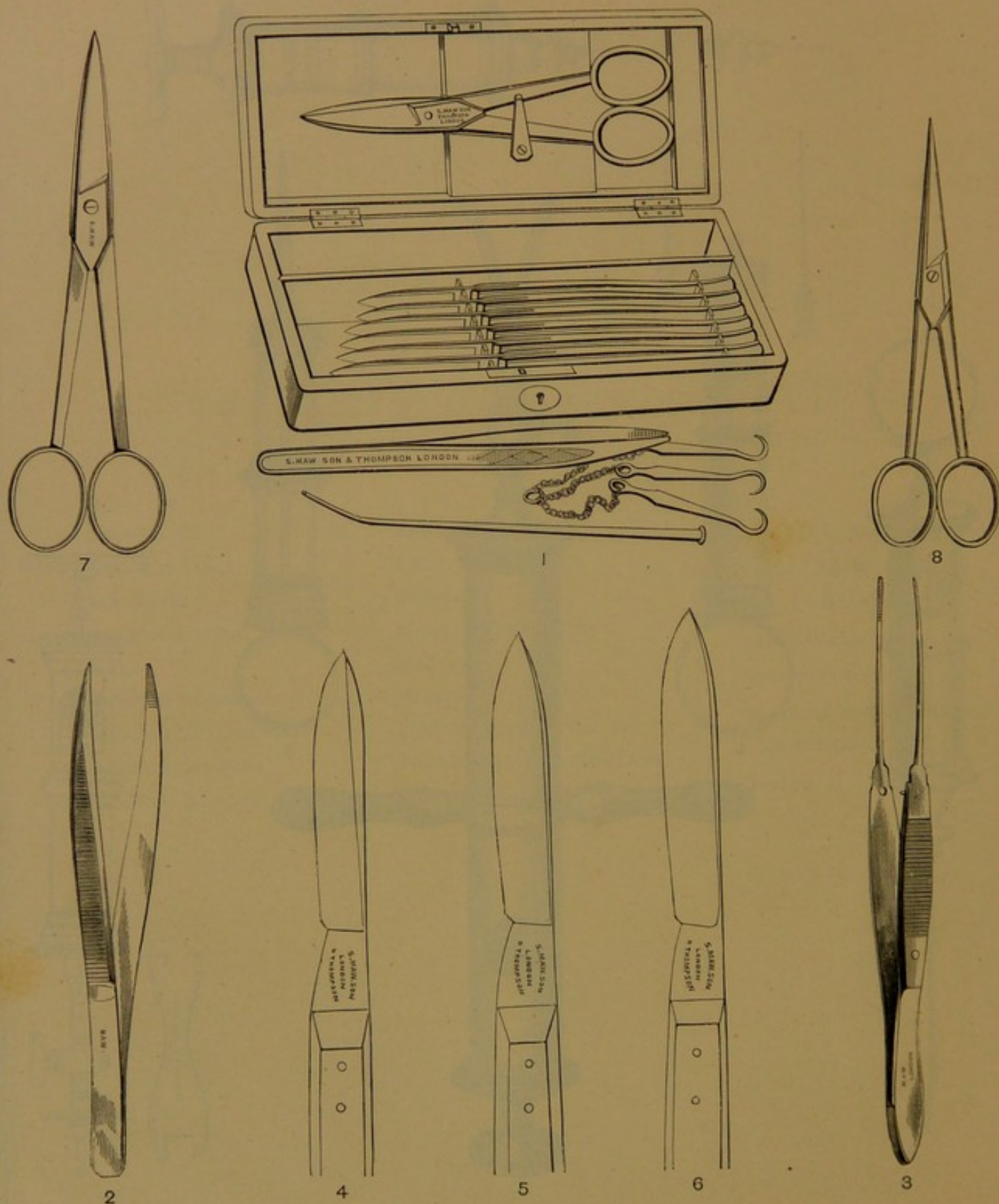
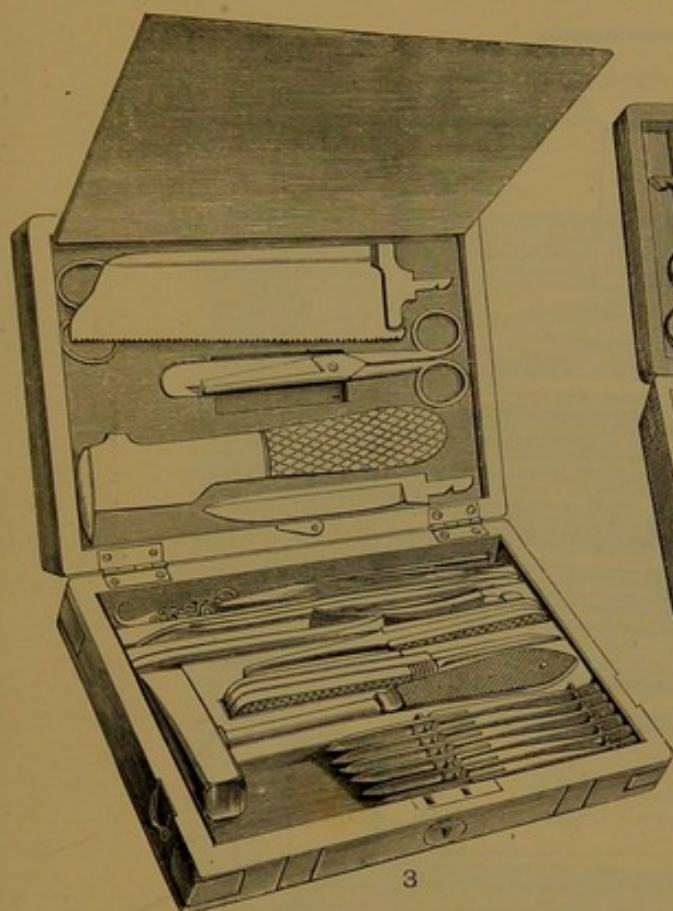


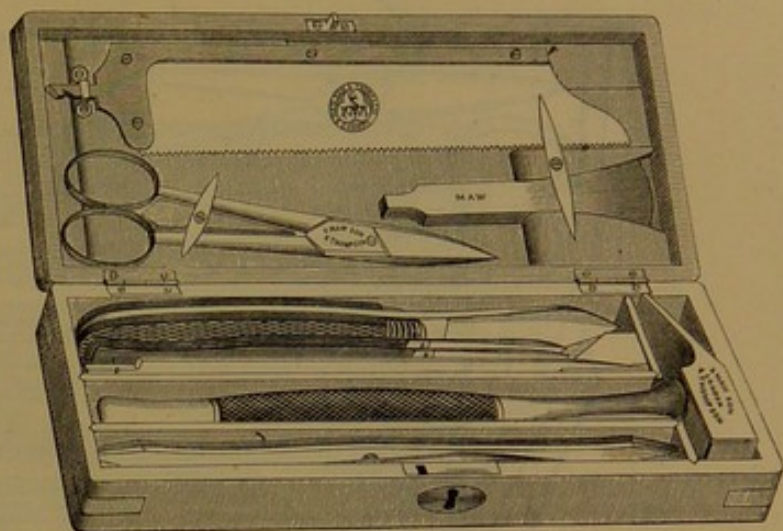
Fig. 1. CONTAINS—BLOW PIPE, CHAIN HOOKS,
FORCEPS, SCISSORS, AND SIX SCALPELS.
Fig. 2. FORCEPS, BROAD POINTS.
Fig. 3. FORCEPS, FINE SERRATED POINTS.

Figs. 4 }
to 6. } SCALPELS.
Fig. 7. }
Fig. 8. } SCISSORS, ROUND AND SHARP POINTS.

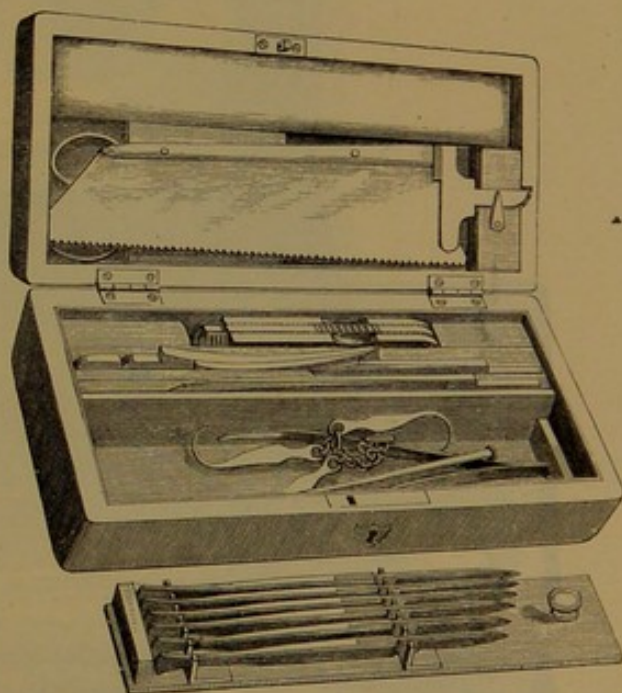
POST-MORTEM CASES.



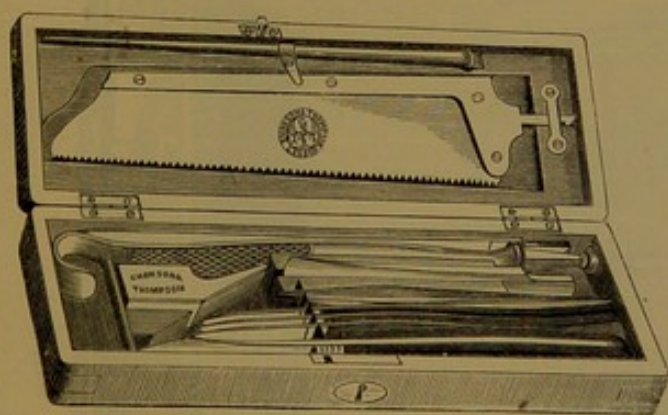
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FIG. 1. CONTAINS:—

BLOW-PIPE.	FORCEPS.
CARTILAGE KNIFE.	NEEDLES.
CATLIN.	SAW.
CHAIN HOOKS.	SCALPELS (Six).
CHISEL.	SCISSORS.

FIG. 2. CONTAINS:—

BLOW-PIPE.	HAMMER.
CARTILAGE KNIFE.	SAW.
CATLIN.	SCALPELS (Two).
CHISEL.	SCISSORS.
FORCEPS.	SKULL REST.

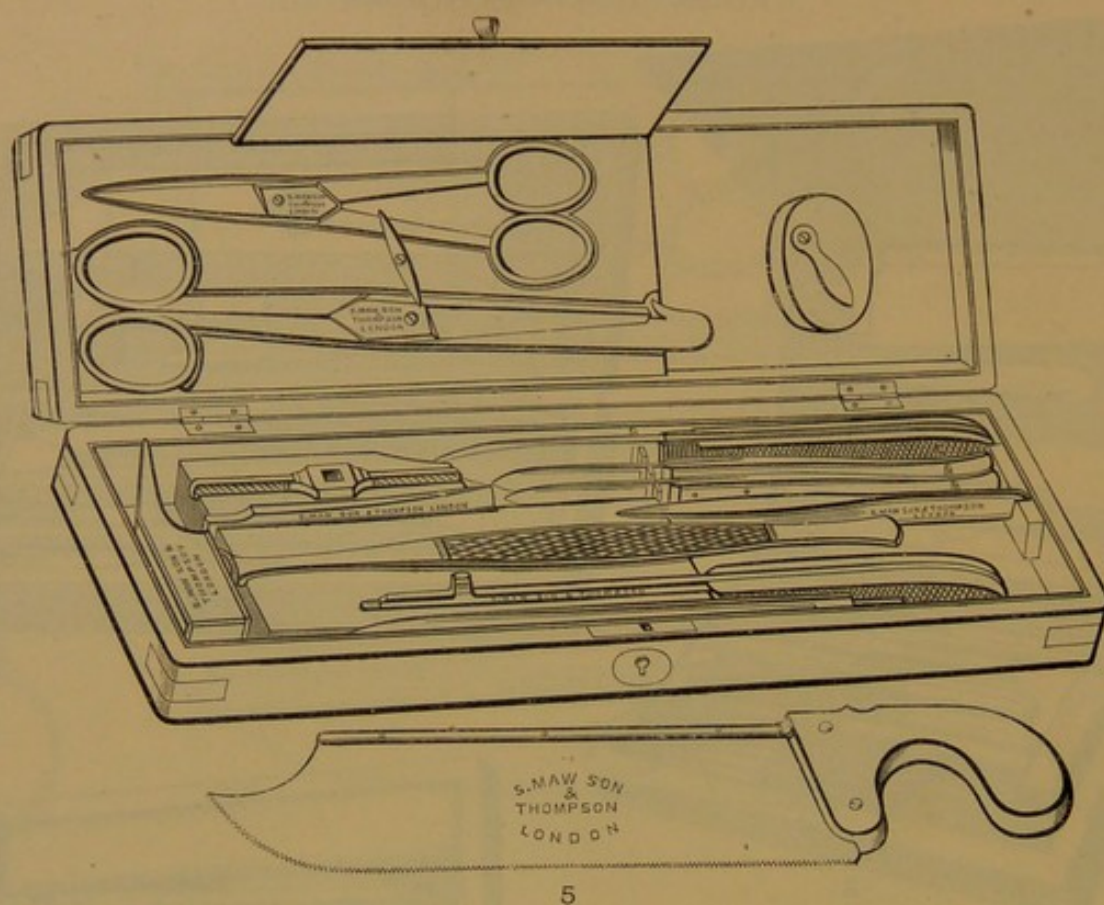
FIG. 3. CONTAINS:—

BLOW-PIPE.	CHAIN HOOKS.	SCALPELS (Six).
BOWEL SCISSORS.	CHISELS (Two).	SKULL REST.
BRAIN KNIFE.	HAMMER.	SCISSORS.
CARTILAGE KNIFE.	LEVER.	WRENCH.
CATLIN.	SAW.	

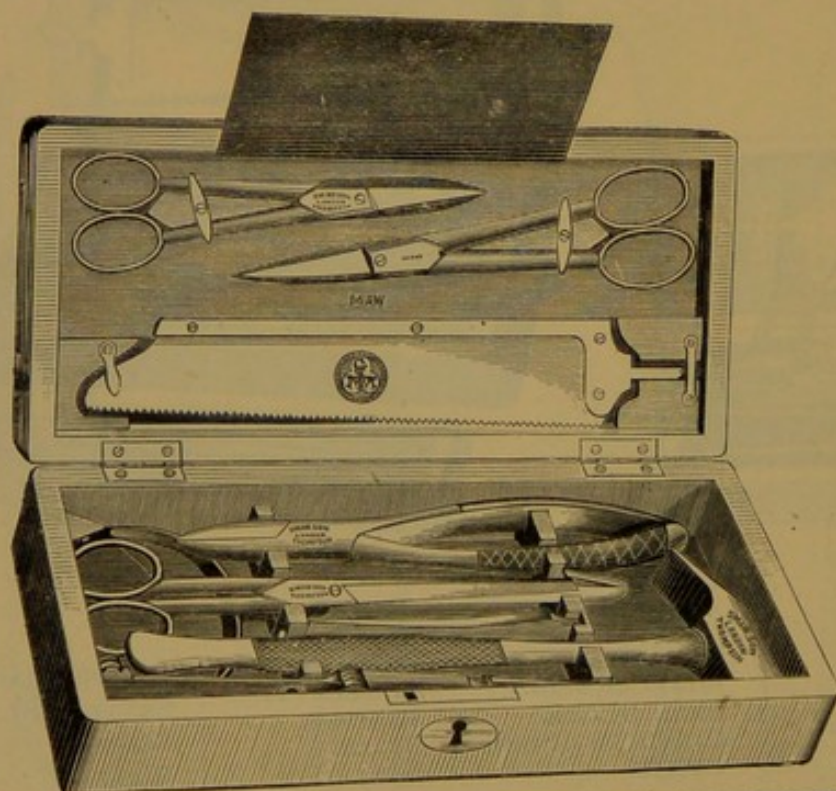
FIG. 4. CONTAINS:—

BLOW-PIPE.	CHISEL.	SAW.
CARTILAGE KNIFE.	FORCEPS.	SCALPELS (Three).
CATLIN.	HAMMER.	SCISSORS.

POST-MORTEM CASES (Continued).



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FIG. 5. CONTAINS:—

BLOW-PIPE.
BOWEL SCISSORS.
CARTILAGE KNIFE.
CATLIN.

CHISEL.
FORCEPS.
HAMMER.
NEEDLES.

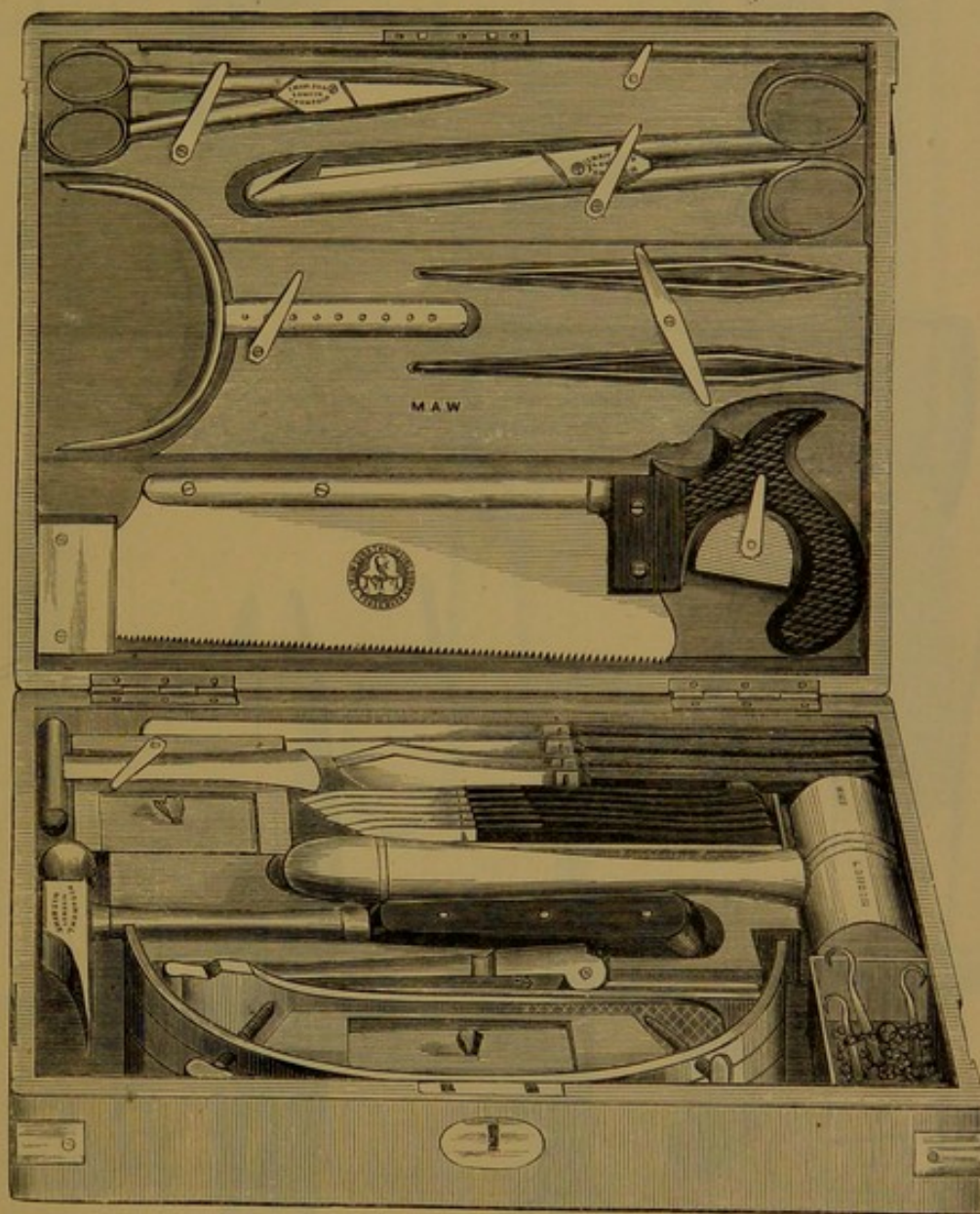
SAW.
SCALPELS (Two).
SCISSORS.
WRENCH.

FIG. 6. CONTAINS:—

BLOW-PIPE.
BONE FORCEPS.
BOWEL SCISSORS.
CARTILAGE KNIFE.

CATLIN.
CHISEL.
FORCEPS.
HAMMER.

SAW.
SCALPELS (Six).
SCISSORS (Two).
TRIPOD.

POST-MORTEM CASES (*Continued*).

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FIG. 7. FOR HOSPITALS AND INFIRMARIES, CONTAINS:—

BLOW-PIPE.
 BOWEL SCISSORS.
 BRAIN KNIFE.
 CARTILAGE KNIVES (Two).
 CATLIN.
 CHAIN HOOKS.

CHISEL.
 HAMMER.
 MALLET.
 NEEDLES.
 SAW.
 SCALPELS (Six).

SCISSORS.
 SKULL CORONET.
 SPRING FORCEPS (Two).
 TRIPOD.
 WRENCH.

POST-MORTEM INSTRUMENTS.

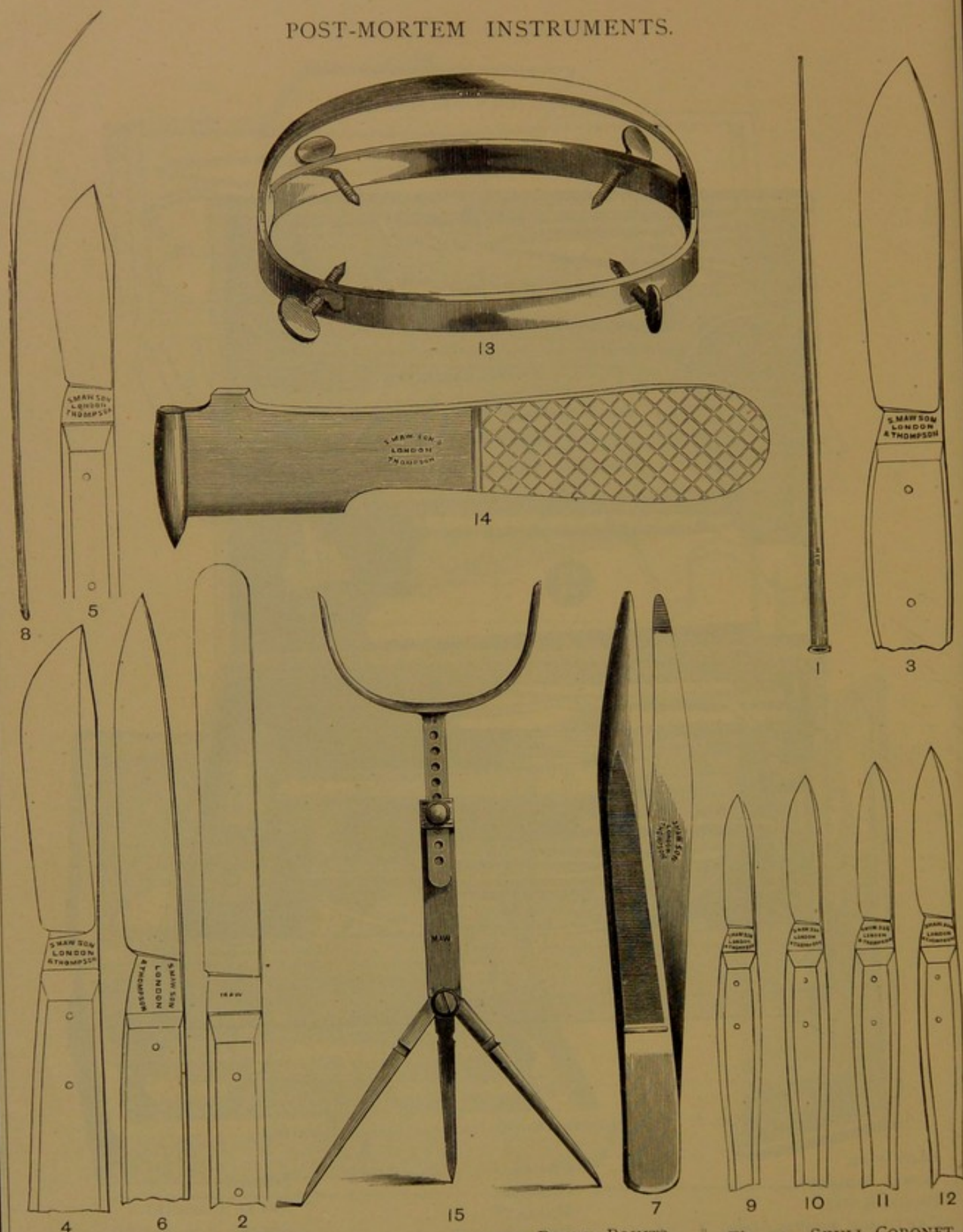
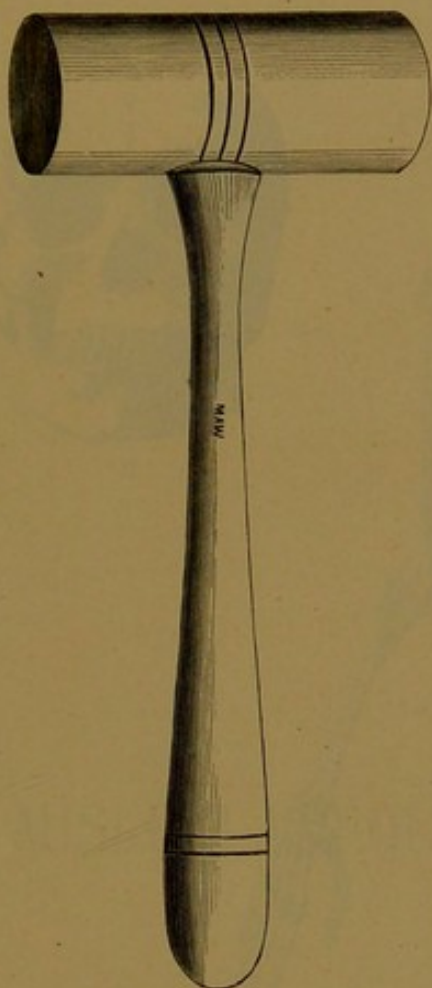


Fig. 1. BLOW-PIPE.
 Fig. 2. BRAIN KNIFE.
 Figs. 3 } CARTILAGE KNIVES.
 to 6. }

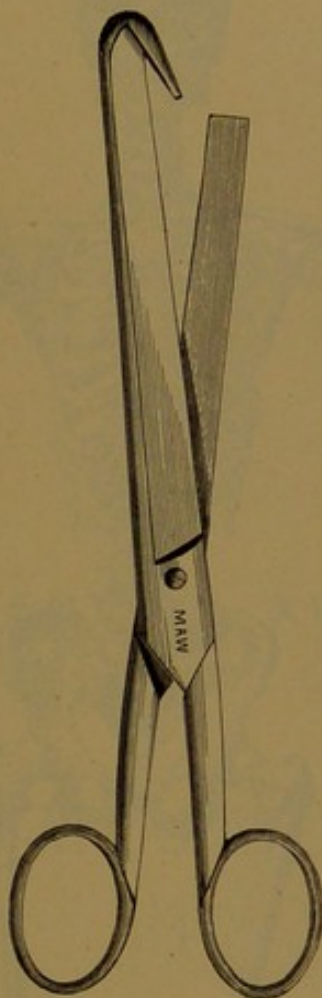
Fig. 7. FORCEPS, BROAD POINTS.
 Fig. 8. NEEDLE.
 Figs. 9 } SCALPELS.
 to 12. }

Fig. 13. SKULL CORONET.
 Fig. 14. SPINE WRENCH.
 Fig. 15. TRIPOD.

POST-MORTEM INSTRUMENTS (Continued).



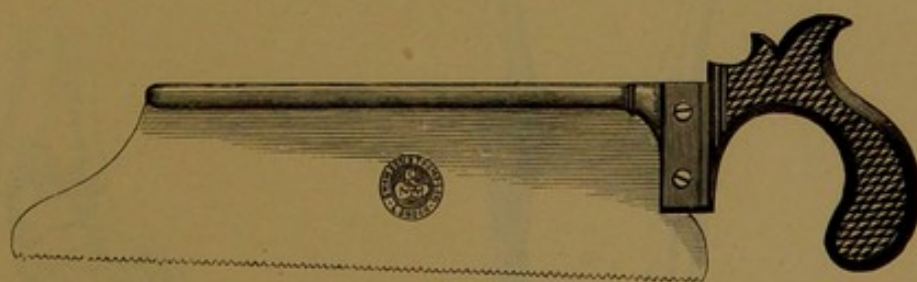
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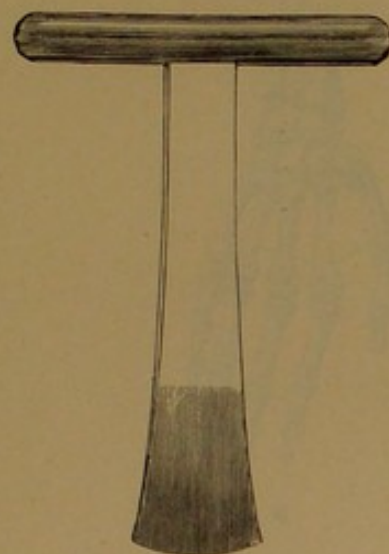
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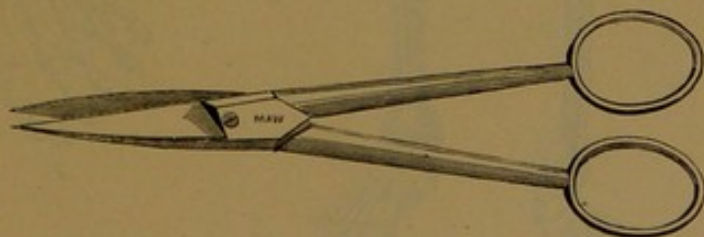
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Fig. 16. BOWEL SCISSORS.
Fig. 17. CHISEL.

Fig. 18. HAMMER.
Fig. 19. Mallet.

Fig. 20. SAW.
Fig. 21. SCISSORS.

HUMAN SKELETON AND BONES.

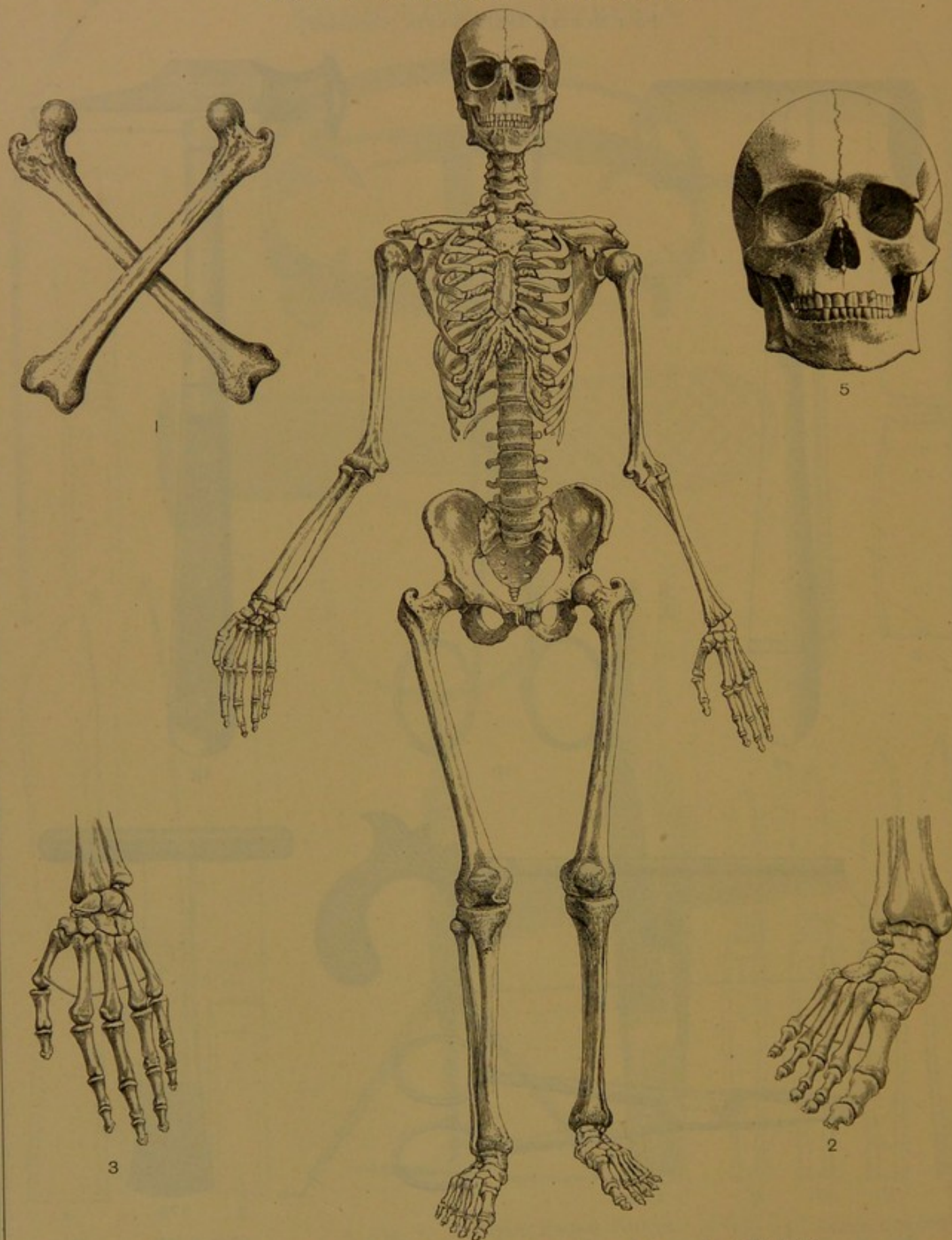


Fig. 1. FEMURS.

Fig. 2. FOOT, ARTICULATED.

Fig. 3. HAND, ARTICULATED.

Fig. 4. SKELETON, ARTICULATED.

Fig. 5. SKULL, ARTICULATED.

SECTION XVIII.



MISCELLANEOUS APPARATUS, INSTRUMENTS,
ETC.

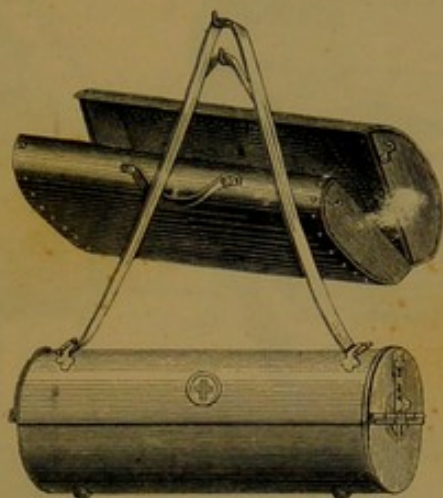
CONTENTS OF SECTION XVIII.

ANÆSTHETIC INHALERS.
ANTISEPTIC APPARATUS.
ANTISEPTIC INHALERS.
APPLIANCES FOR REFRACTORY
PATIENTS.
BACK RESTS.
BANDAGE MACHINES.
BANDAGE SHEARS.
BED BATH.
BED LIFT.
BED TABLES.
BIDET.
BREAST BALLS.
BREAST GLASS.
BREAST PUMPS.
BREAST RELIEVERS.
BRONCHITIS KETTLE.
CARRYING CHAIR.
CIRCUMCISION CLAMP.
COUCHES FOR INVALIDS.

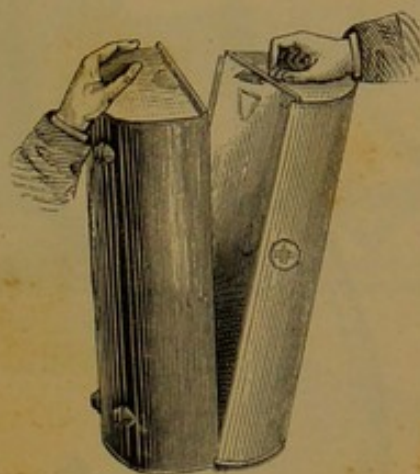
DRAINAGE TUBES.
EAR FORCEPS.
ETHER SPRAY.
EXTENSION SPLINT.
GRAVITATION TRANSFUSION
APPARATUS.
GUARDED PIN.
HOT-AIR BATHS.
ILLUMINATING LAMP.
INSTRUMENTS FOR RADICAL
CURE OF HERNIA.
KETTLE FOR CROUP.
LARYNGOSCOPE.
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PROBE FOR THE APPLICATION
OF WOOL TO THE EAR.

RECLINING BOARD.
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TAXIDERMISTS' INSTRUMENTS.
THERMO-CAUTERY.
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TROCAR FOR EVACUATION AND
INJECTION.
UTERUS PROBE AND CANULAS
FOR DILATING THE UTERUS.
VACCINATION SHIELD.
VAPOUR BATHS.
VEIN BROOCH AND TOURNIQUET.

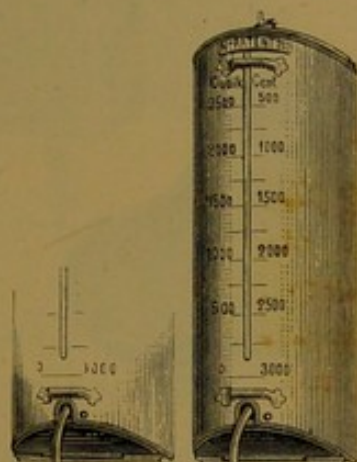
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC.



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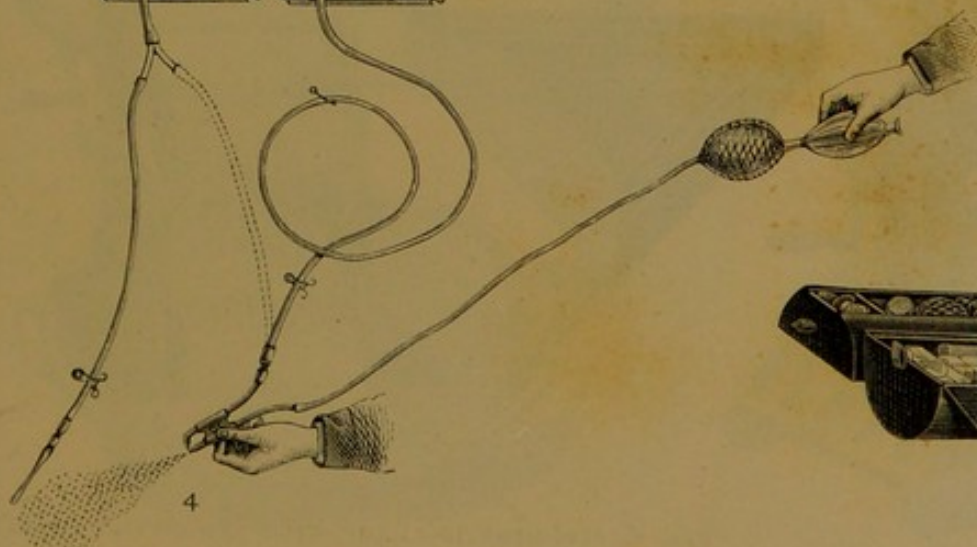
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ANTISEPTIC APPARATUS (PATENT).

Fig. 1. APPARATUS, IN CASE, COMPLETE.

Fig. 2. BASIN.

Fig. 3. CARDBOARD BOX CONTAINING THE DRESSINGS.

Fig. 4. COMBINED ACTION OF IRRIGATOR AND SPRAY.

Fig. 5. OPENING OF THE APPARATUS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).

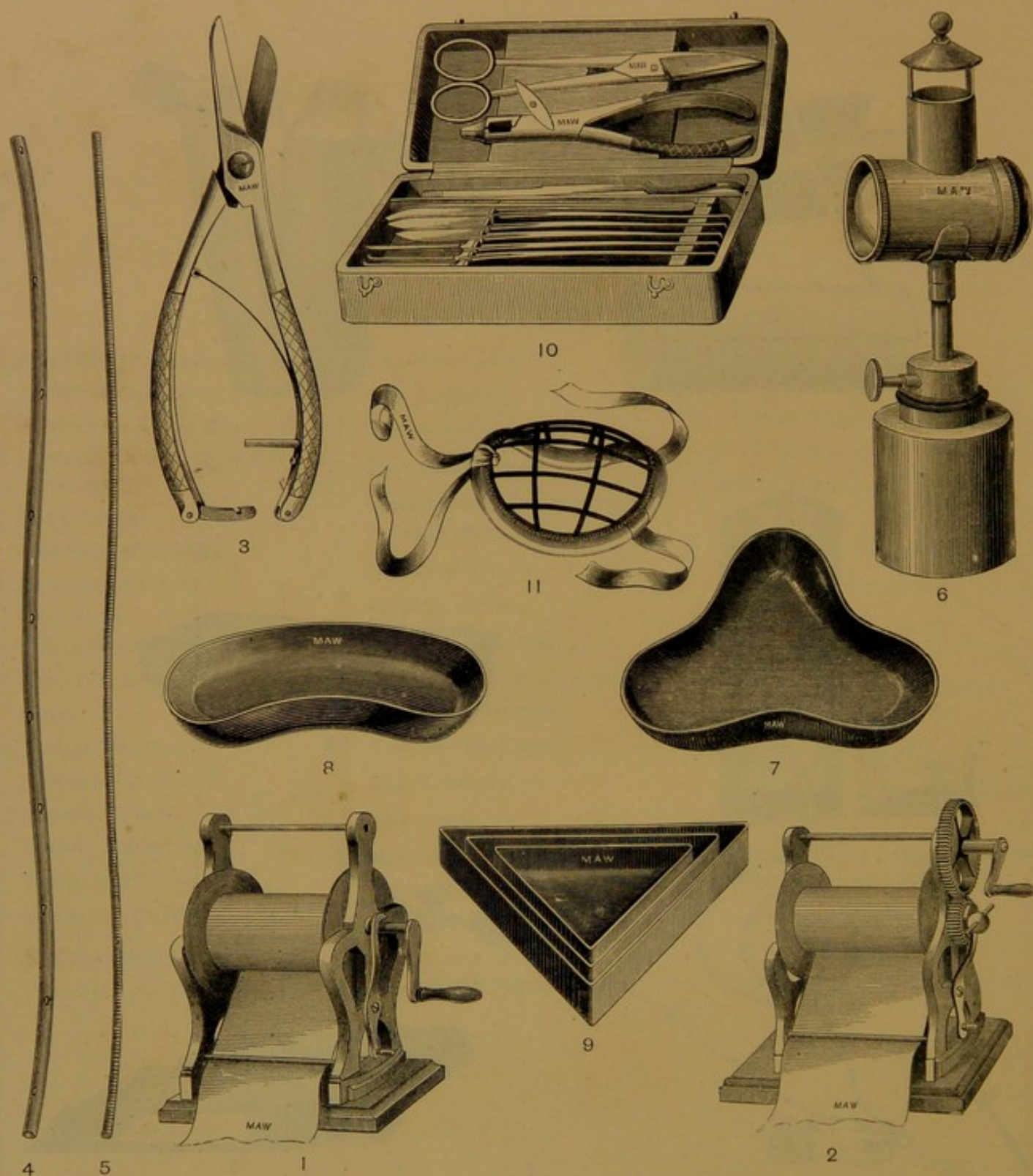
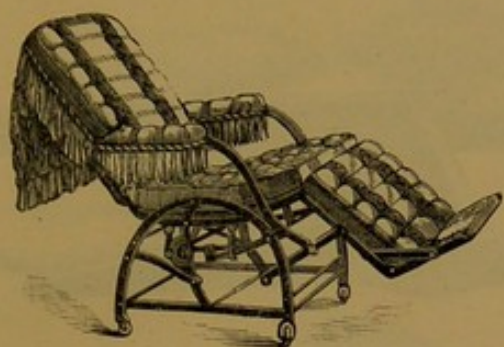


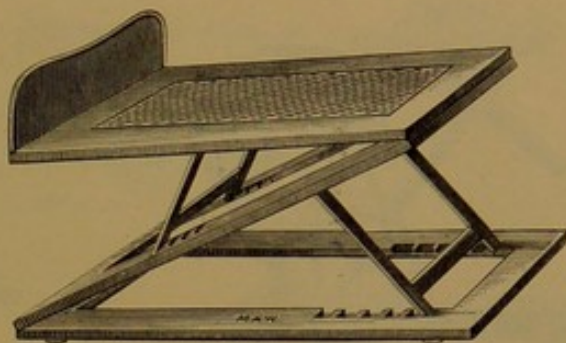
Fig. 1. BANDAGE MACHINE, PLAIN.
 Fig. 2. BANDAGE MACHINE, MAW'S IMPROVED,
 WITH COMPOUND ACTION.
 Fig. 3. BANDAGE SHEARS, SEUTIN'S.
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 Fig. 5. DRAINAGE TUBE, GILT SPIRAL WIRE.

Fig. 6. ILLUMINATING LAMP, WITH MAGNIFYING LENS.
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 Fig. 9. SURGERY BASINS, SET OF THREE, METAL.
 Fig. 10. TAXIDERMISTS' INSTRUMENTS.
 Fig. 11. VACCINATION SHIELD.

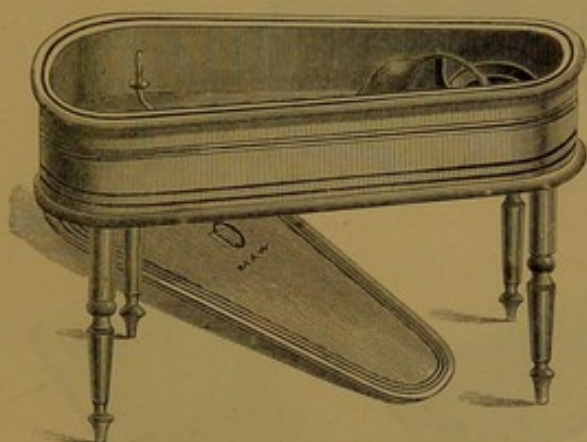
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



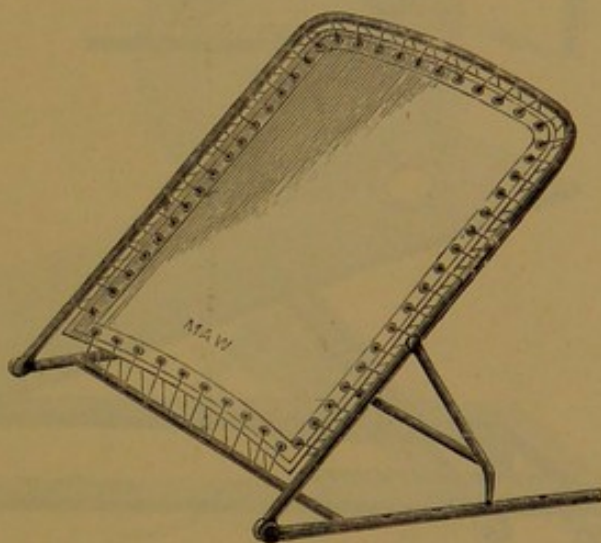
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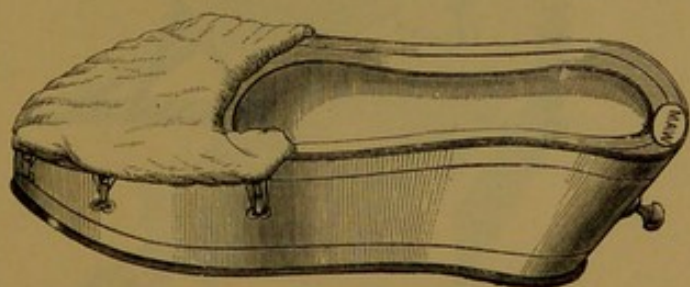
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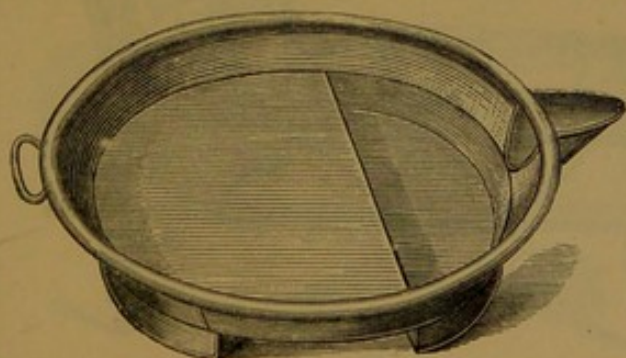
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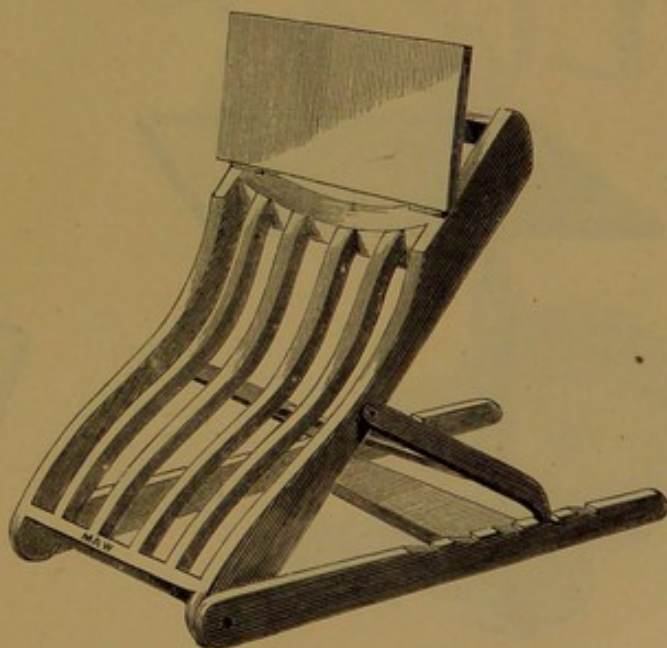
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- Fig. 1. BACK REST, METAL FRAME.
Fig. 2. BACK REST, WOOD.
Fig. 3. BED BATH.
Fig. 4. BIDET, MAW'S.

- Fig. 5. COUCH FOR INVALIDS.
Fig. 6. LEG REST.
Fig. 7. SPONGE BATH, WITH DRY PLATFORM,
GROOM'S.

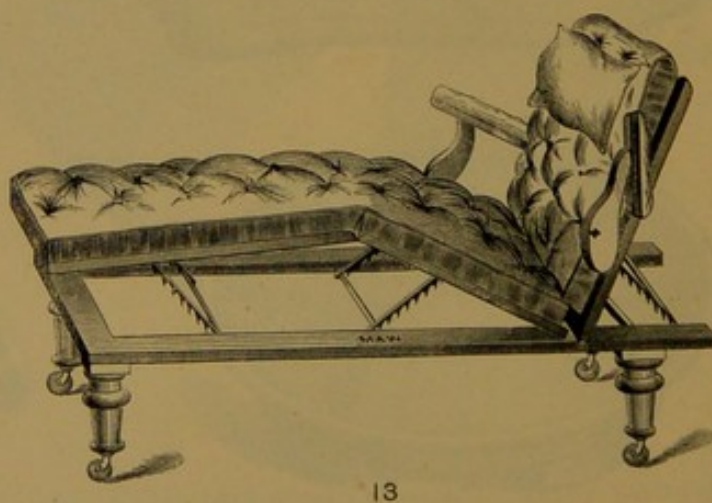
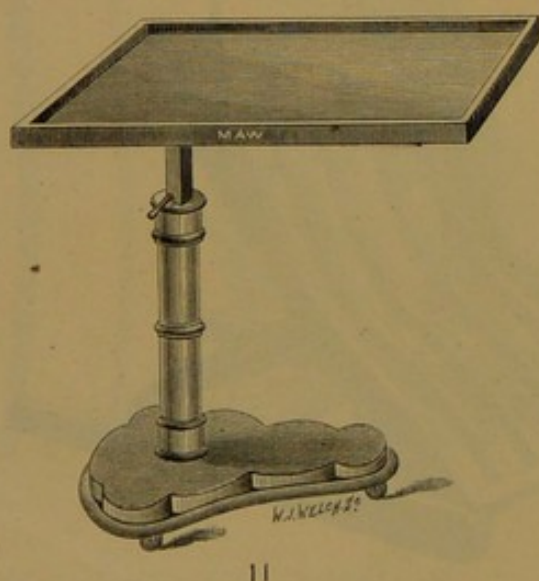
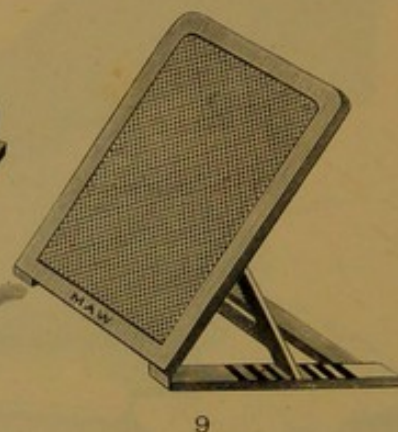
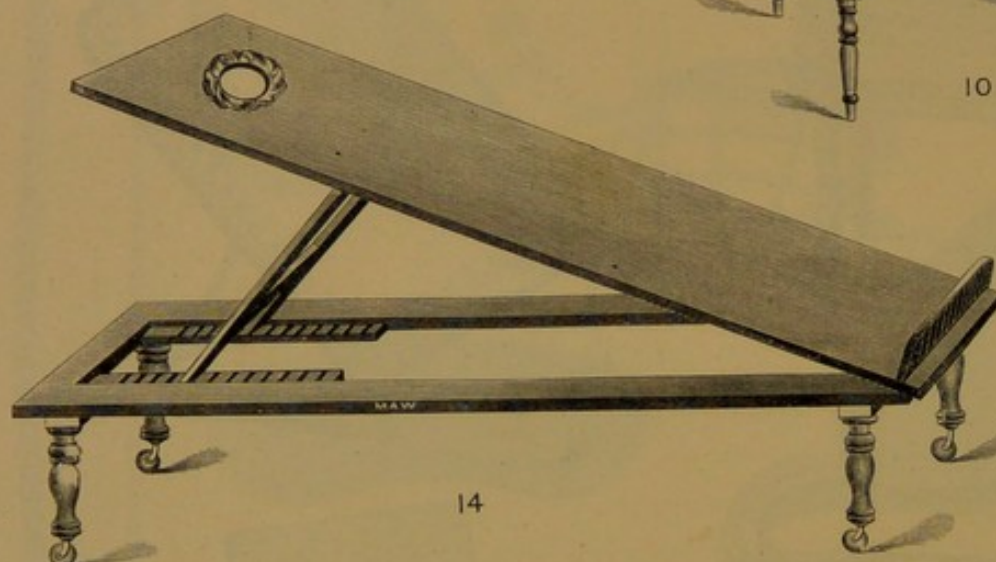
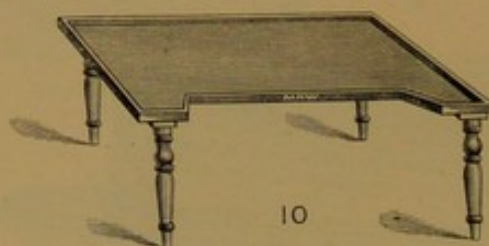
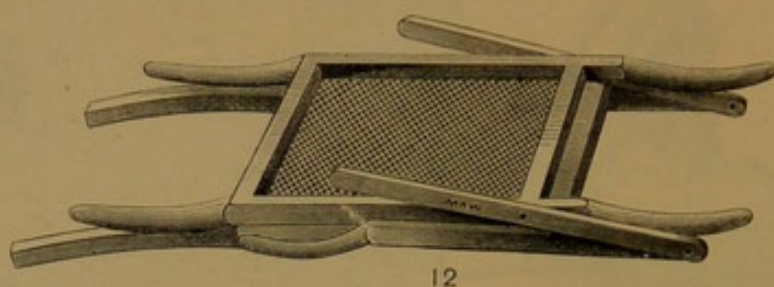
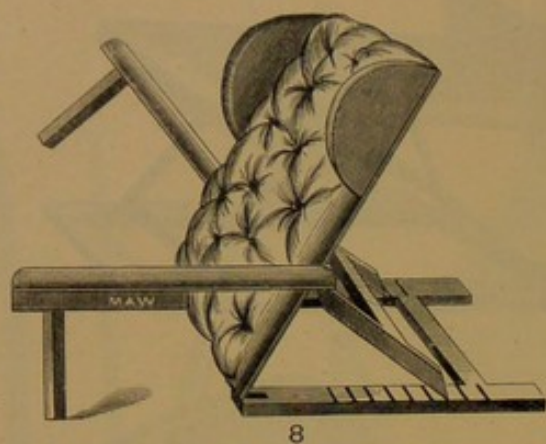
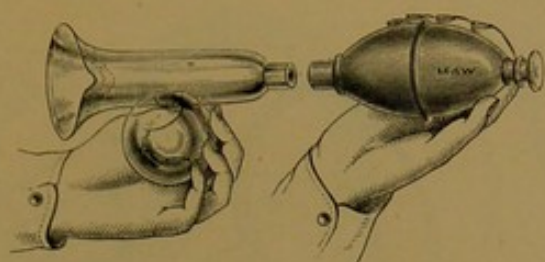
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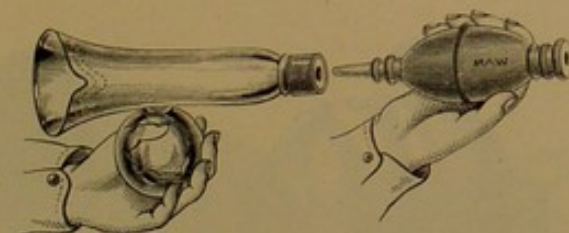
Fig. 8. } BACK RESTS.
 Fig. 9. }
 Fig. 10. BED TABLE.
 Fig. 11. BED TABLE, SLIDING LEG.

Fig. 12. CARRYING CHAIR.
 Fig. 13. COUCH FOR INVALIDS.
 Fig. 14. RECLINING BOARD FOR SPINE DISEASE.

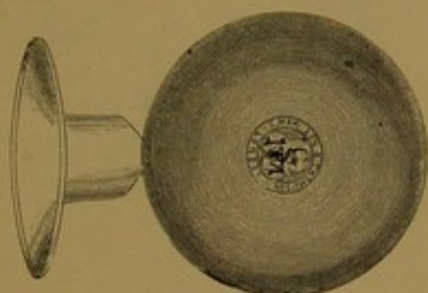
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



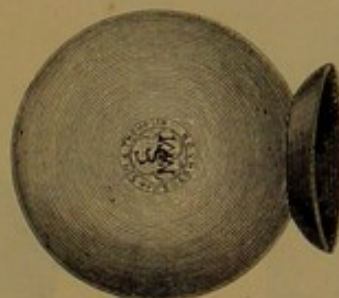
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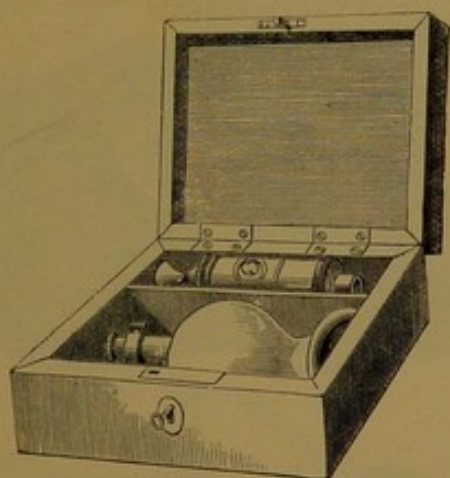
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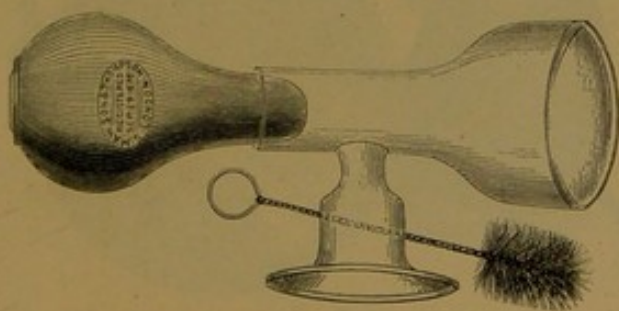
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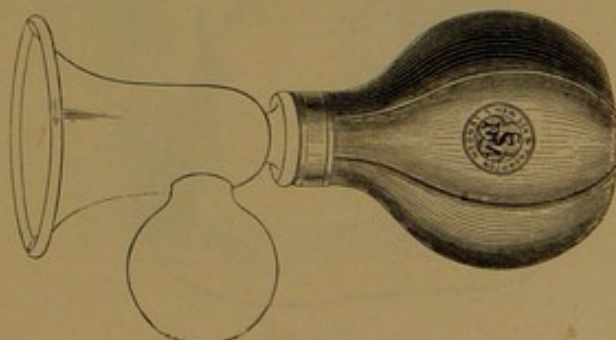
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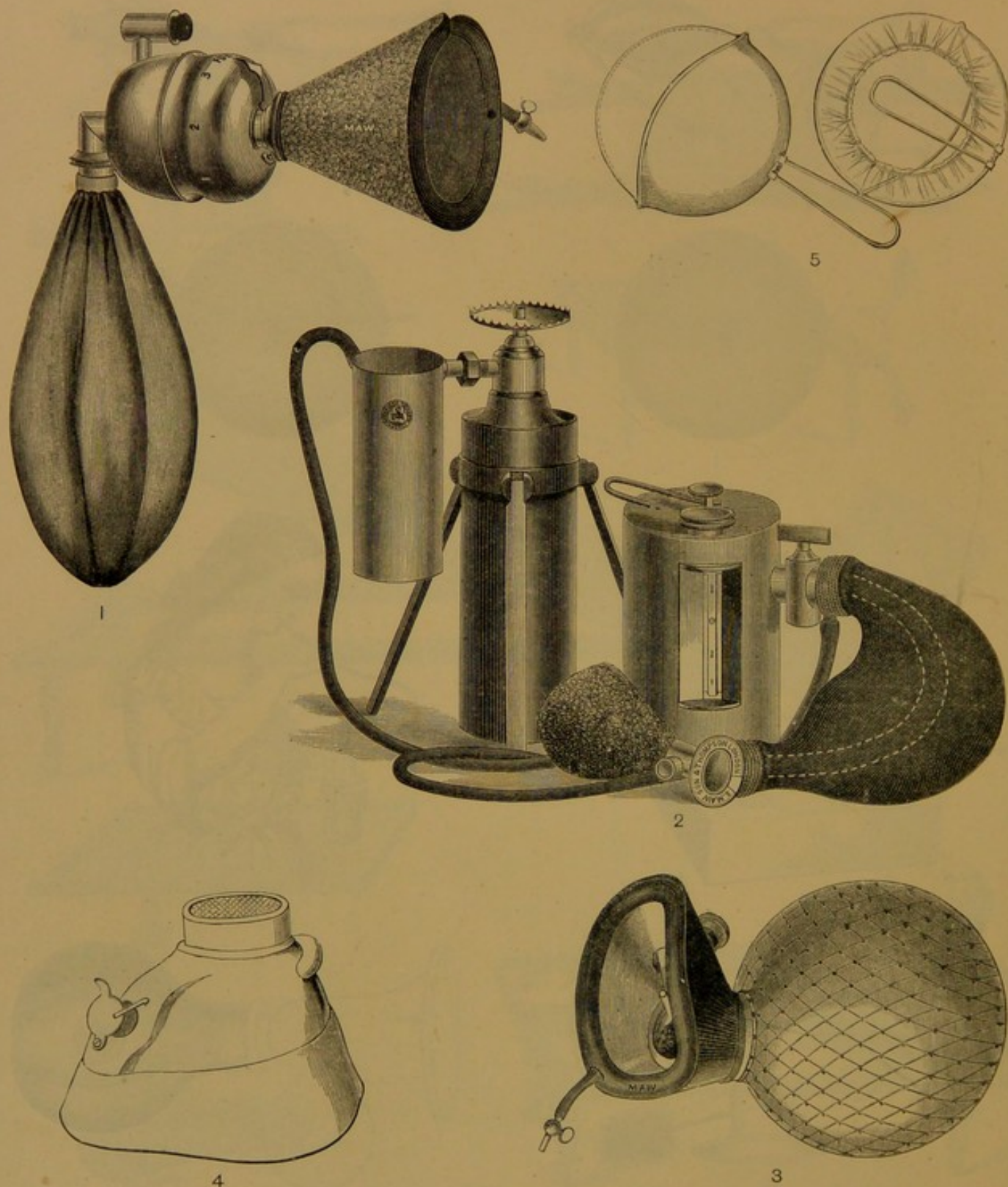
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- Fig. 1. BREAST BALL, GLASS SHIELD.
 Fig. 2. BREAST BALL, EBONY SHIELD.
 Fig. 3. BREAST GLASS, WITH ELASTIC TUBE.
 Fig. 4. BREAST PUMP, BRASS.

- Fig. 5. BREAST PUMP, MATTSON'S.
 Fig. 6. BREAST PUMP, "VIBRATORY," MATTSON'S.
 Fig. 7. BREAST RELIEVER.
 Fig. 8. BREAST RELIEVER, IMPROVED, REGISTERED.

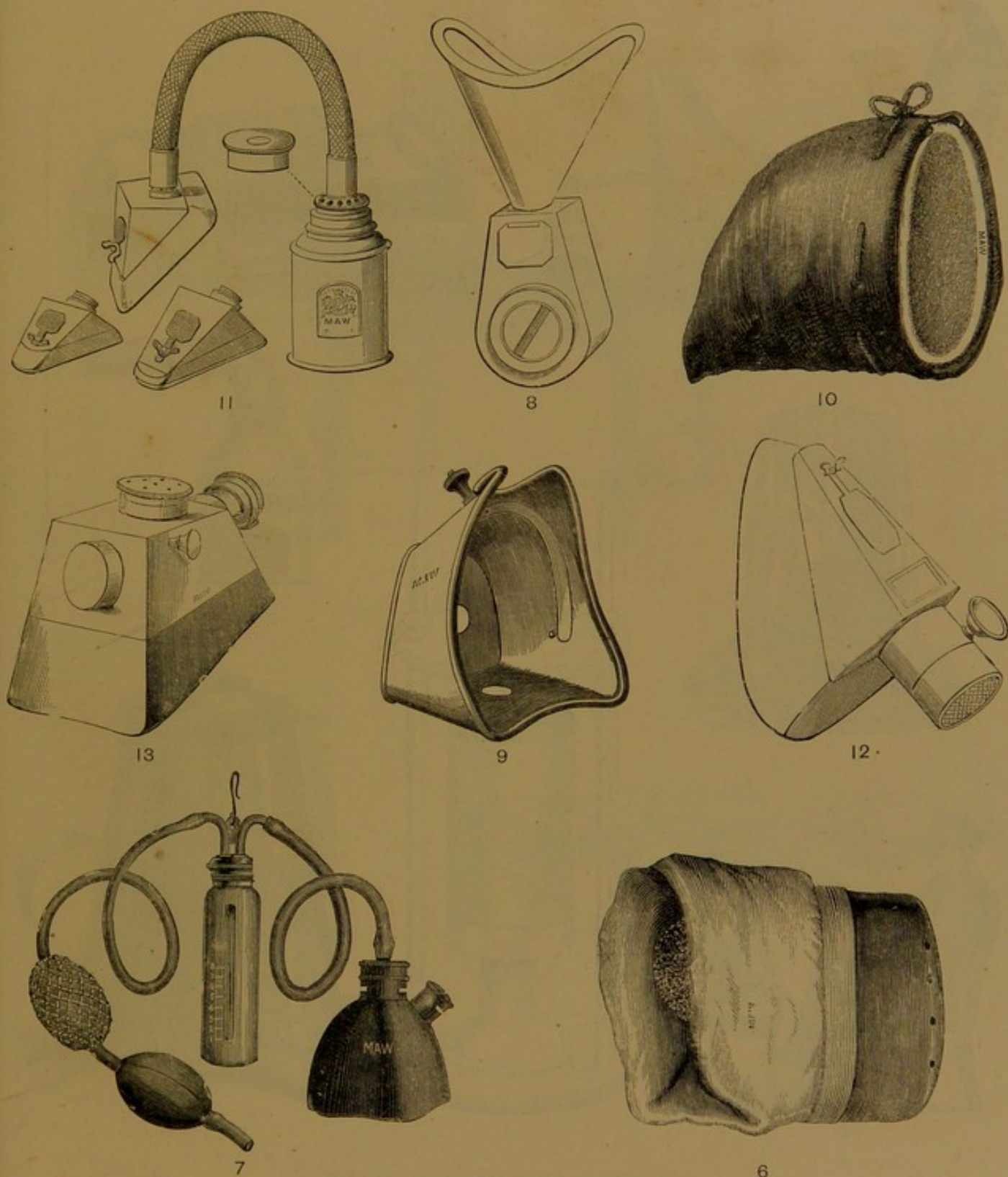
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

ANÆSTHETIC INHALERS.

Fig. 1. } CLOVER'S.
 Fig. 2. }
 Fig. 3. ORMSBY'S.

Fig. 4. SIBSON'S.
 Fig. 5. SKINNER'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



ANÆSTHETIC INHALERS.

Fig. 6. BIRD'S.
Fig. 7. JUNKER'S.
Fig. 8. MURPHY'S.
Fig. 9. PARKER'S.

Fig. 10. SKINNER'S.
Fig. 11. SNOW'S.
Fig. 12. SNOW'S, MODIFIED.
Fig. 13. TOWNLEY'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

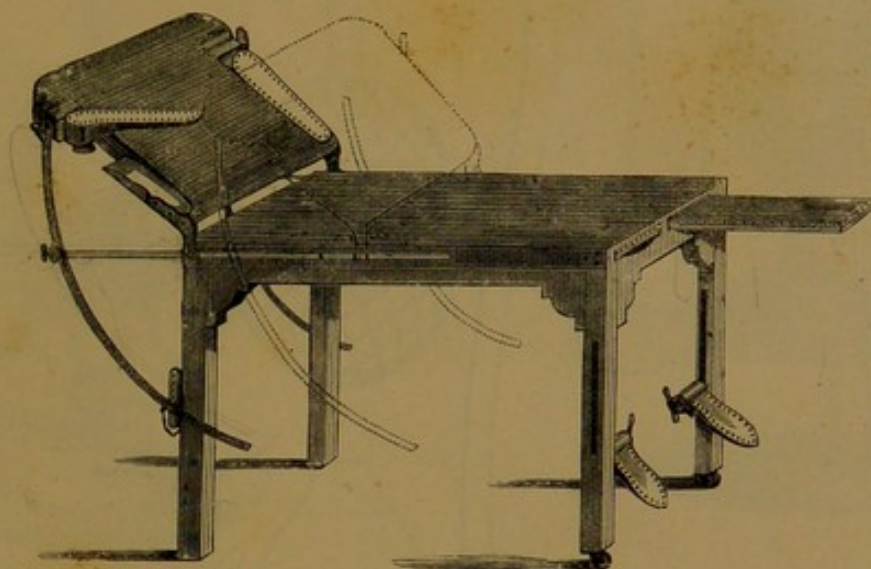
HOT-AIR AND VAPOUR BATHS.

Fig. 1. HOT-AIR.

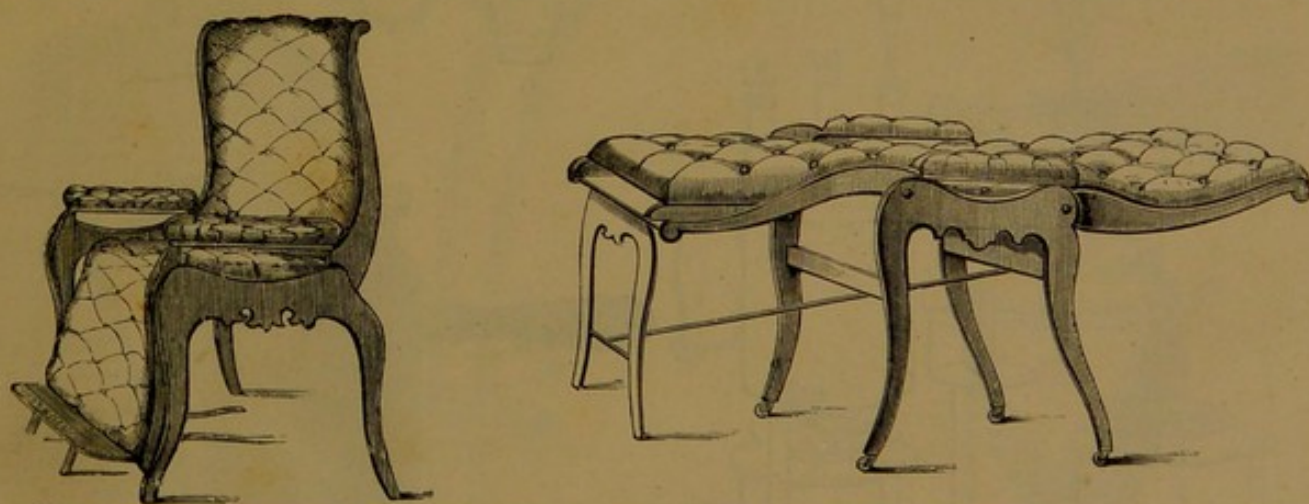
Fig. 2. HOT-AIR AND VAPOUR, WITH WICKER
FRAME, ALLEN'S.Fig. 3. HOT-AIR AND VAPOUR, FOR USE UNDER
A CHAIR, ALLEN'S.Fig. 4. } HOT-AIR AND VAPOUR, FOR USE UNDER
Fig. 5. } LOOSE GARMENTS, ALLEN'S.

Fig. 6. VAPOUR, CALOMEL, ETC., LEE'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



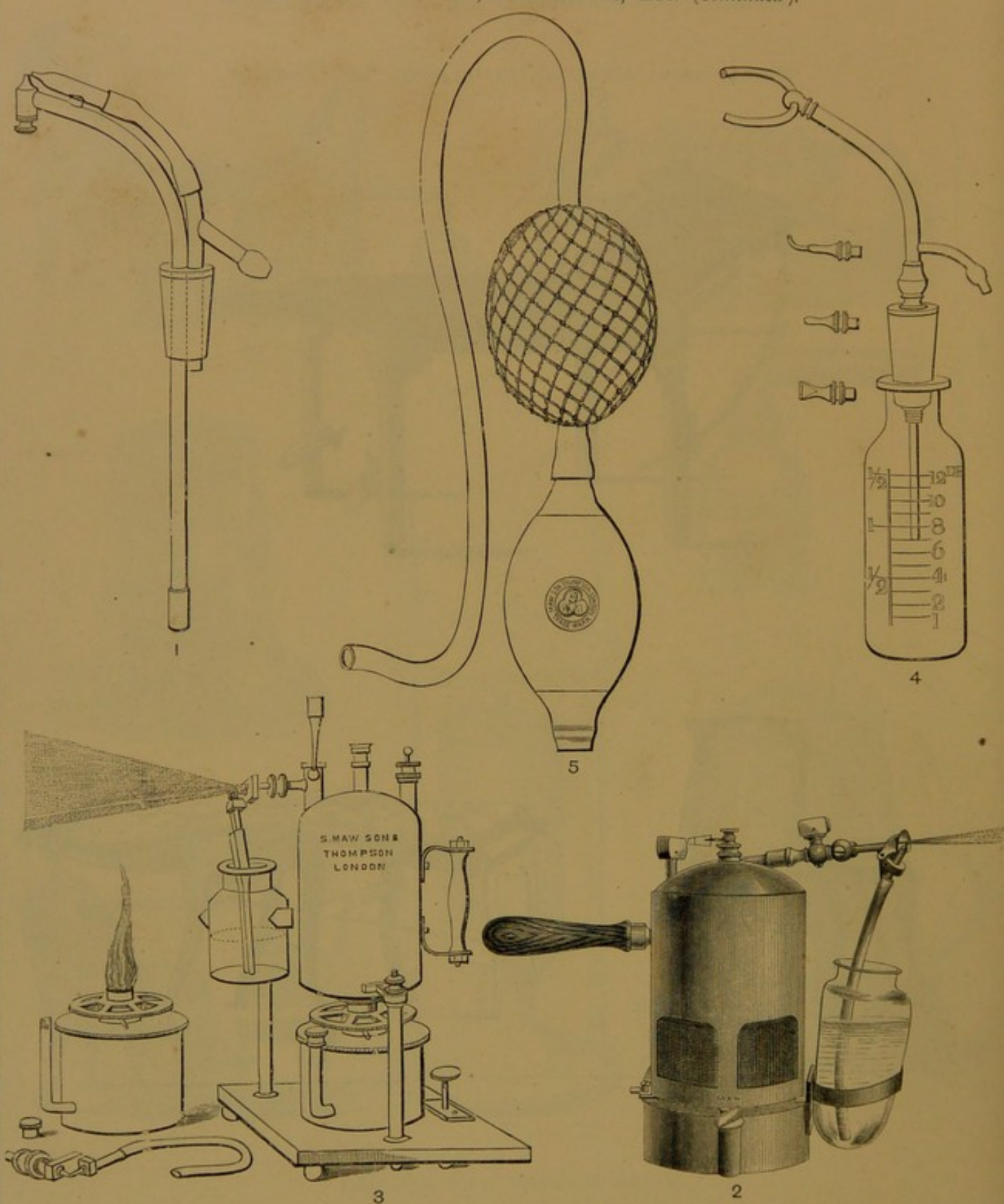
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Fig. 1. OPERATION CHAIR FOR UTERINE OPERATIONS, SIM'S.

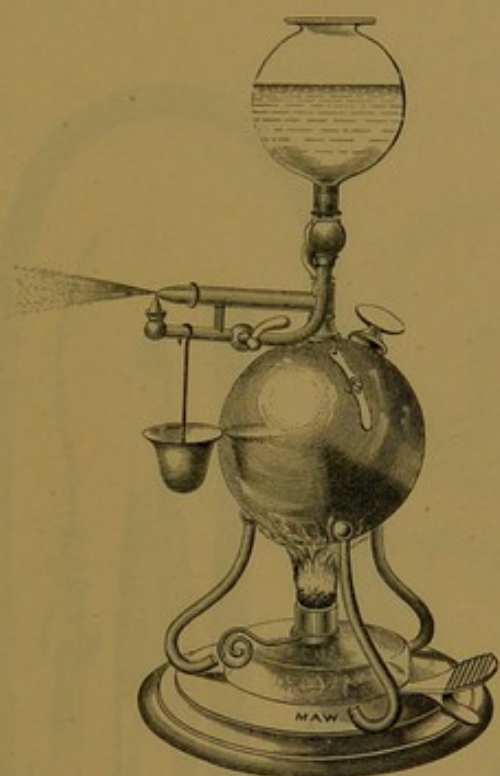
Fig. 2. OPERATION TABLE, AS USED AT GUY'S HOSPITAL.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

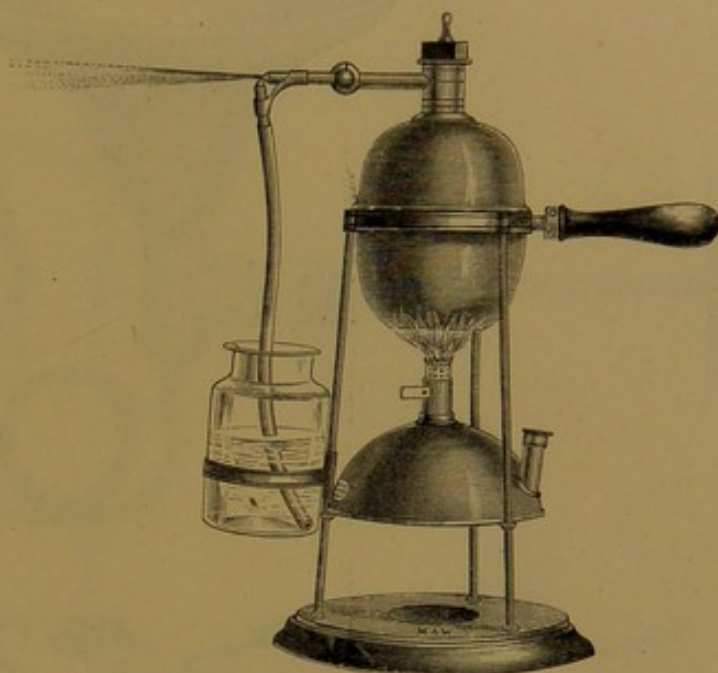
HAND BELLOWS AND STEAM SPRAY PRODUCERS.

- Fig. 1. LISTER'S, FOR CARBOLIC ACID, WITH BELLOWS (FIG. 5).
 Fig. 2. LISTER'S, STEAM, FOR CARBOLIC ACID, SINGLE JET.
 Fig. 3. MAW'S, STEAM, FOR CARBOLIC ACID, DOUBLE JETS.
 Fig. 4. RICHARDSON'S, FOR THE LOCAL APPLICATION OF ETHER, WITH BELLOWS (FIG. 5).

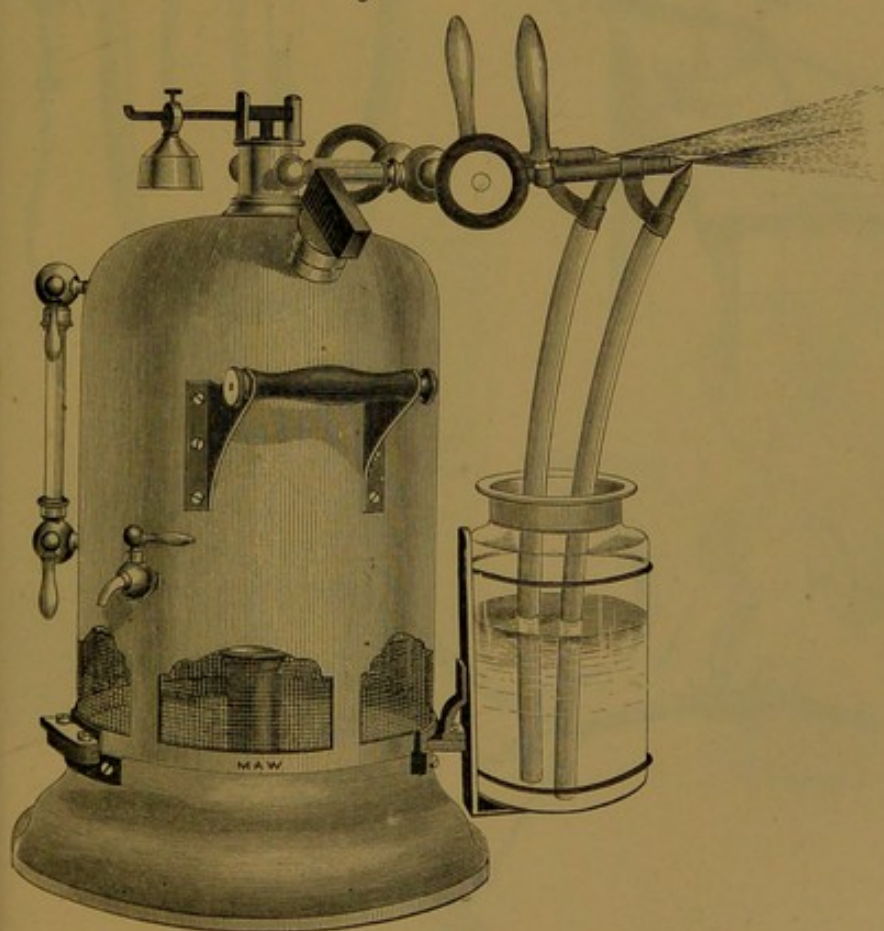
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



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STEAM SPRAY PRODUCERS.

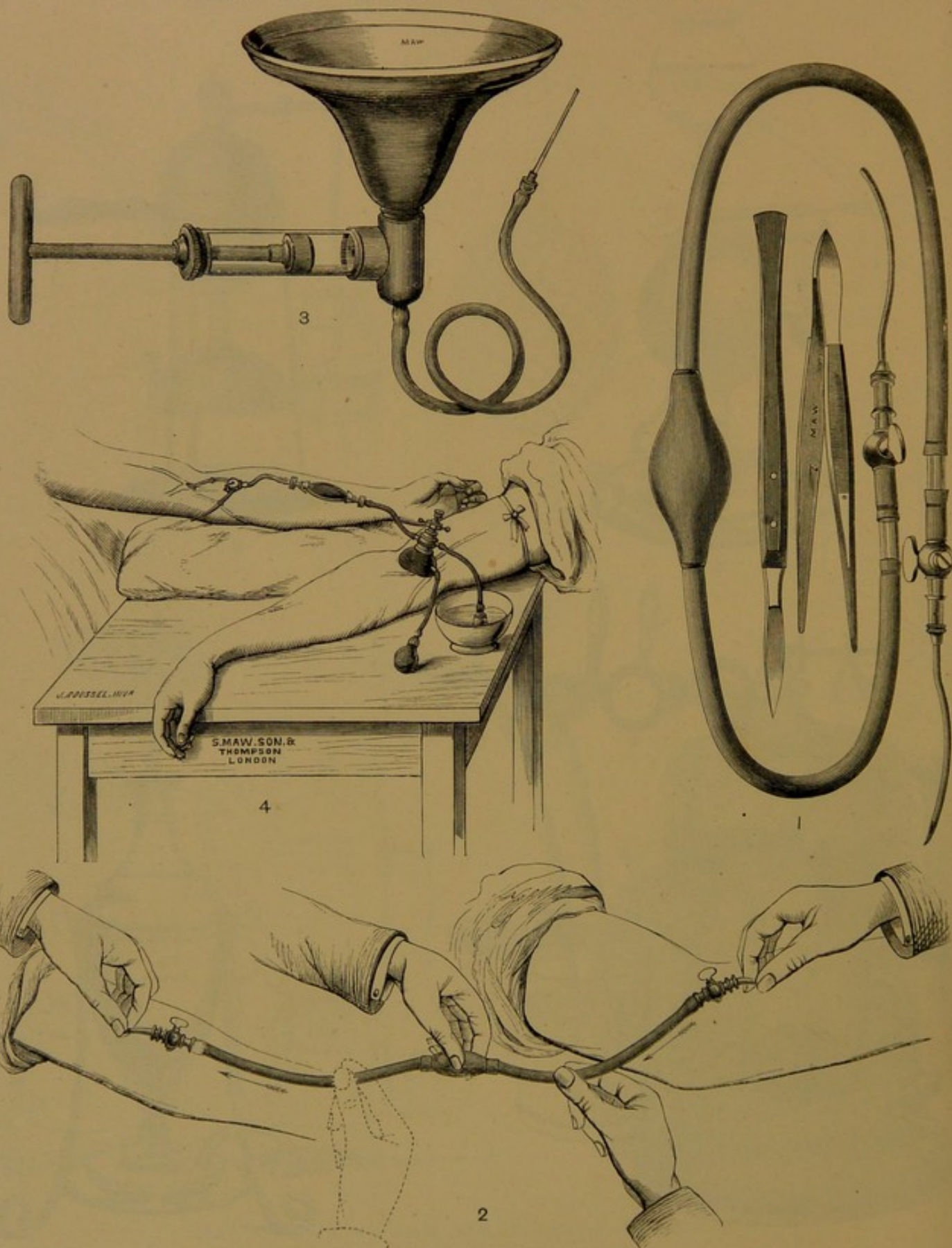
Fig. 6. COLIN'S.

Fig. 7. LEE'S.

Fig. 8. MAW'S.

Fig. 9. MAW'S, WITH DOUBLE JETS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



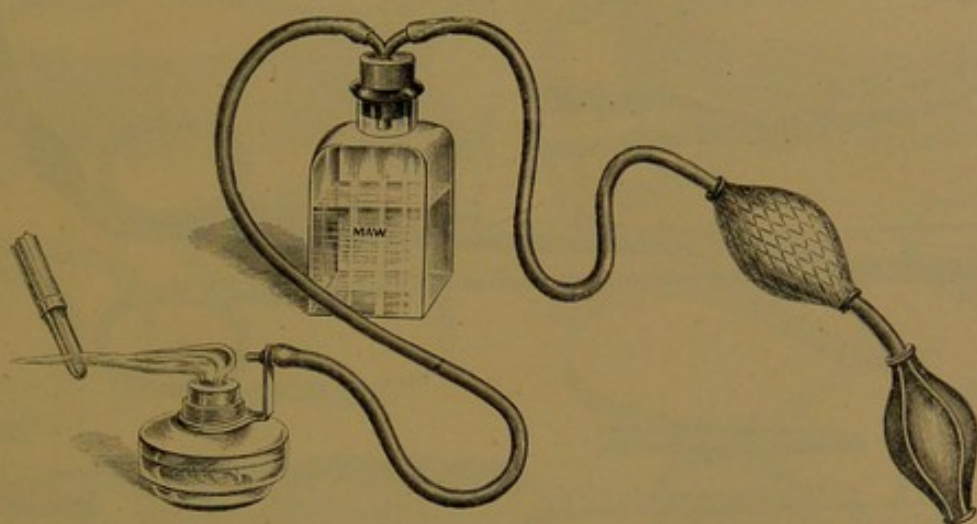
TRANSFUSION APPARATUS.

Fig. 1. AVELING'S.

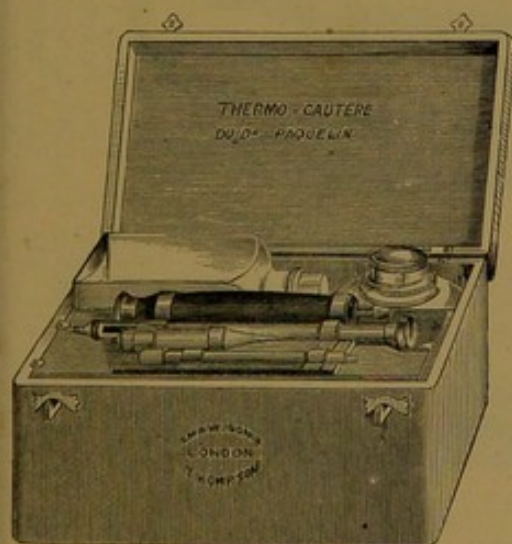
Fig. 2. AVELING'S, SHOWING MODE OF OPERATION.

Fig. 3. COLIN'S.
Fig. 4. ROUSSEL'S.

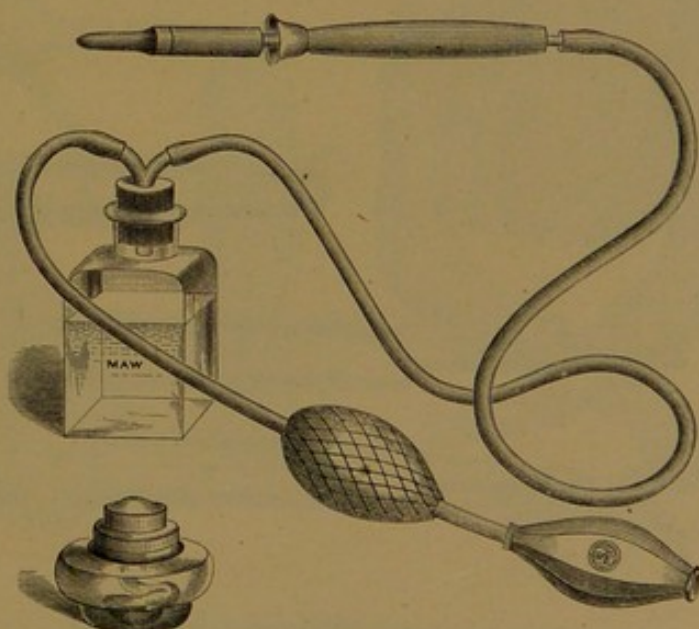
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).



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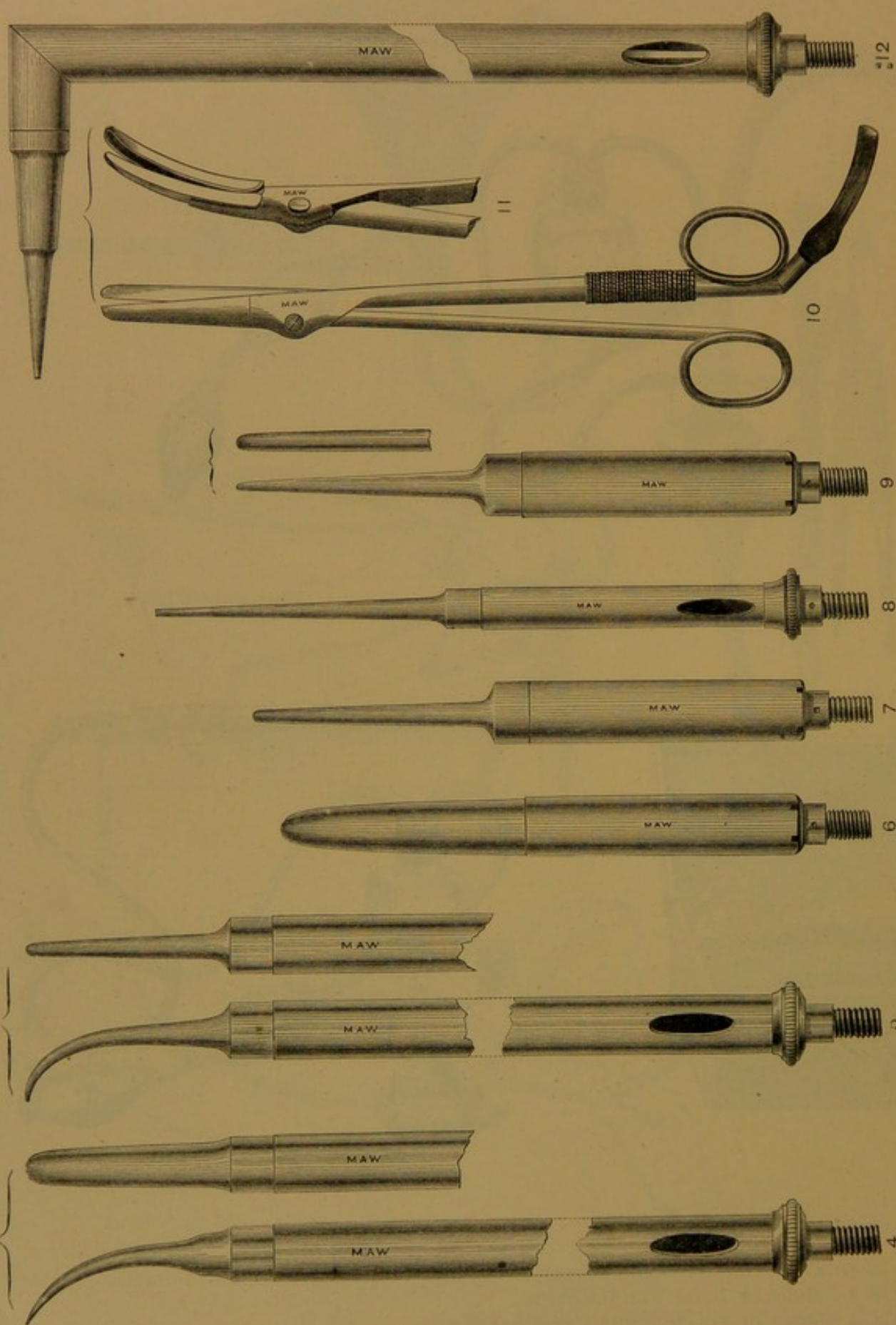
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Fig. 1. PAQUELIN'S THERMO-CAUTERY APPARATUS, COMPLETE, WITH TWO POINTS.
 Fig. 2. MODE OF USING THE CAUTERIES.
 Fig. 3. MODE OF HEATING THE CAUTERIES.

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ACCESSORIES FOR PAQUELIN'S THERMO-CAUTERY.

Fig. 4. CURVED, WITH BROAD TRANSVERSE DIAMETER, FOR AMPUTATION OF THE NECK OF THE UTERUS.

Fig. 5. CURVED, NARROW TRANSVERSE DIAMETER.

Fig. 6. CYLINDER, CONICAL POINT.

Fig. 7. FINE PUNCTURE.

Fig. 8. FINE LONG POINT, FOR TUMOURS.

Fig. 9. SMALL KNIFE, FOR DELICATE AND SUPERFICIAL OPERATIONS.

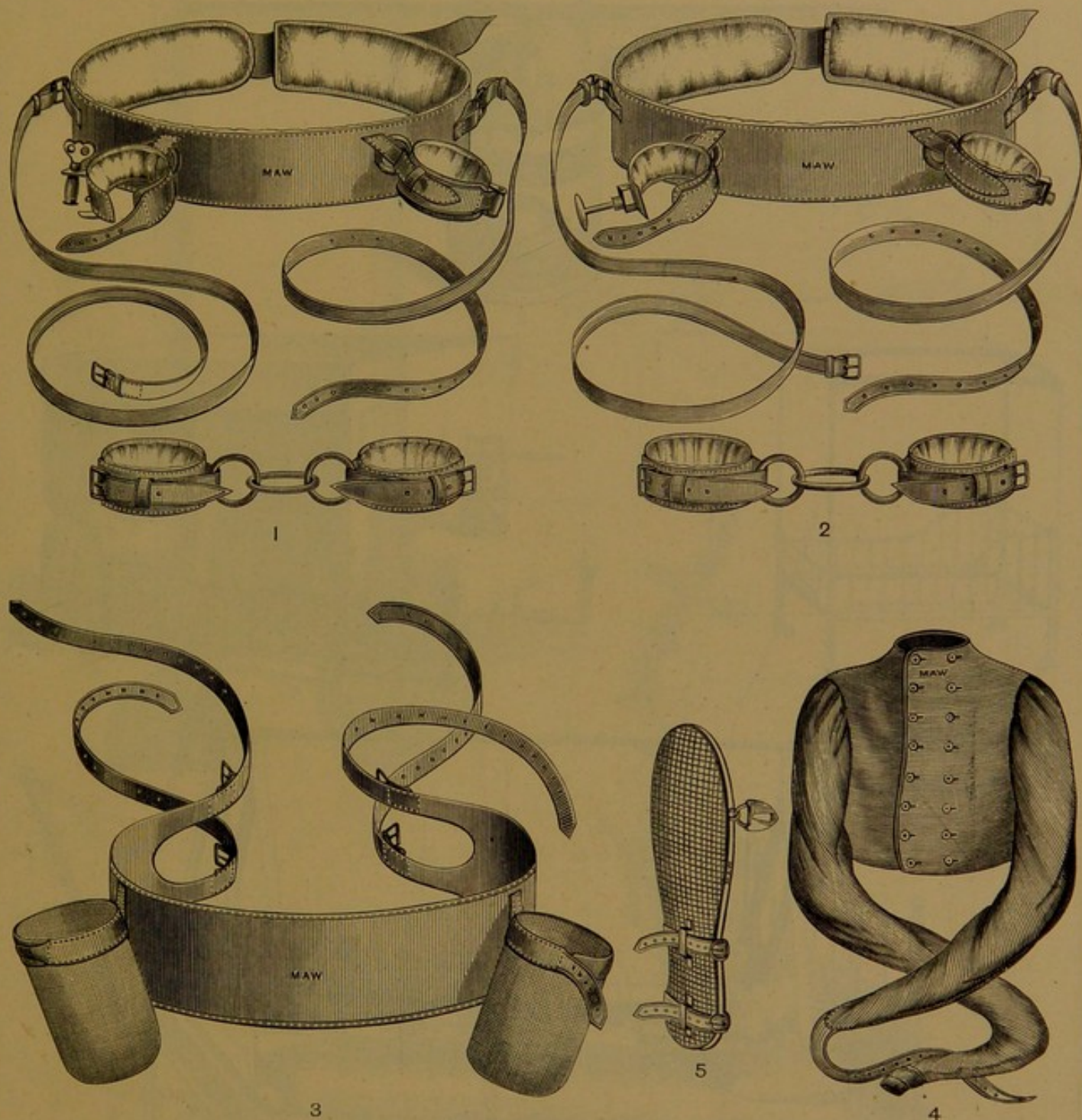
Fig. 10.

Fig. 11.

Fig. 12.

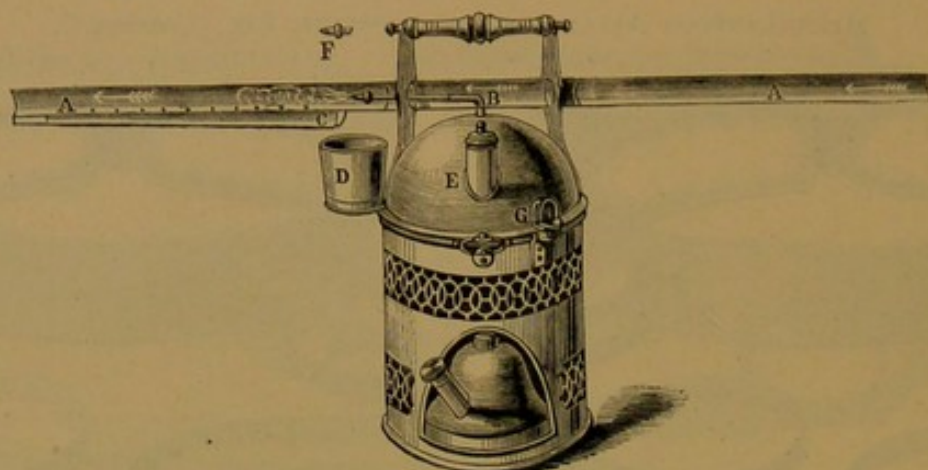
SCISSORS, CURVED AND STRAIGHT, ONE BLADE OF WHICH IS STEEL, NICKEL-PLATED, AND IS NOT HEATED DURING THE OPERATION. ELBOW, CURVED AT RIGHT ANGLE, WITH FINE POINT.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).

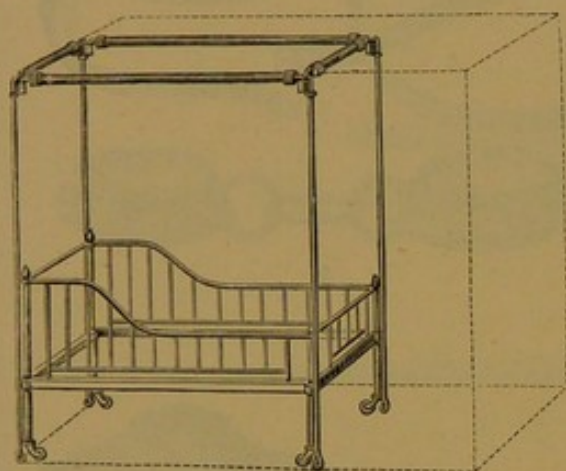


APPLIANCES FOR REFRACTORY PATIENTS.

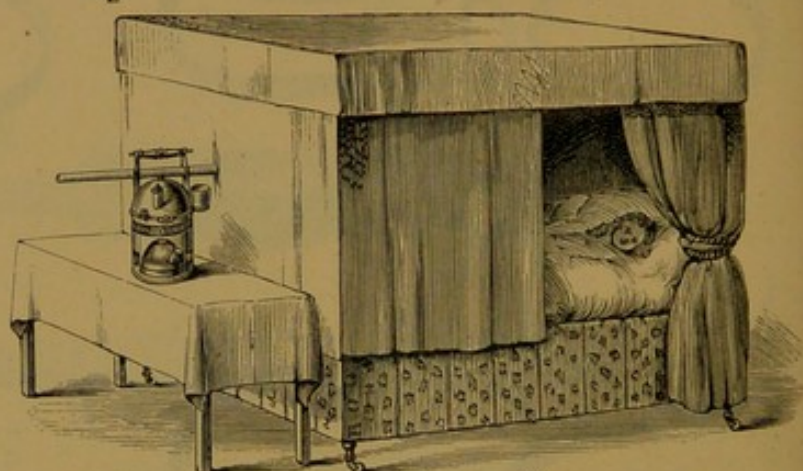
- Fig. 1. STOUT CALF LEATHER ANKLETS, WRISTLETS, BODY-BAND, AND SCREW LOCKS, WITH LONG STRAPS.
 Fig. 2. STOUT CALF LEATHER ANKLETS, WRISTLETS, BODY-BAND, AND IMPROVED LOCKS, WITH LONG STRAPS.
 Fig. 3. STOUT CALF LEATHER BODY-BAND AND GLOVES, WITH SCREW LOCKS.
 Fig. 4. STRAIT-WAISTCOAT OF STOUT LINEN TICK OR CANVAS.
 Fig. 5. WIRE GAUZE GLOVE, WITH LEATHER FASTENINGS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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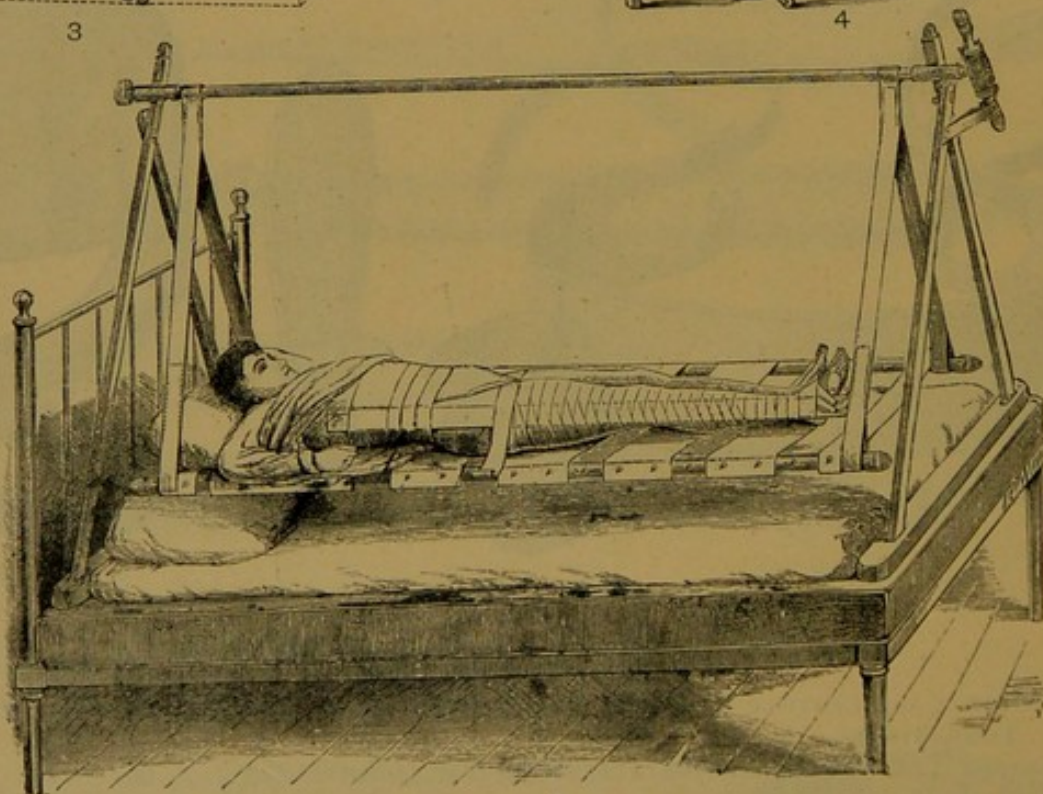


Fig. 1. IMPROVED BED LIFT, CHILD'S PATENT.
 Fig. 2. KETTLE FOR CROUP, ALLEN'S.
 Fig. 3. IRON FRAME PLACED OVER A COT TO
 FORM A TENT.

Fig. 4. IRON FRAME, COVERED, WITH CROUP
 KETTLE IN POSITION, THE PRO-
 JECTING TUBE PLACED THROUGH
 THE COVERING.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).

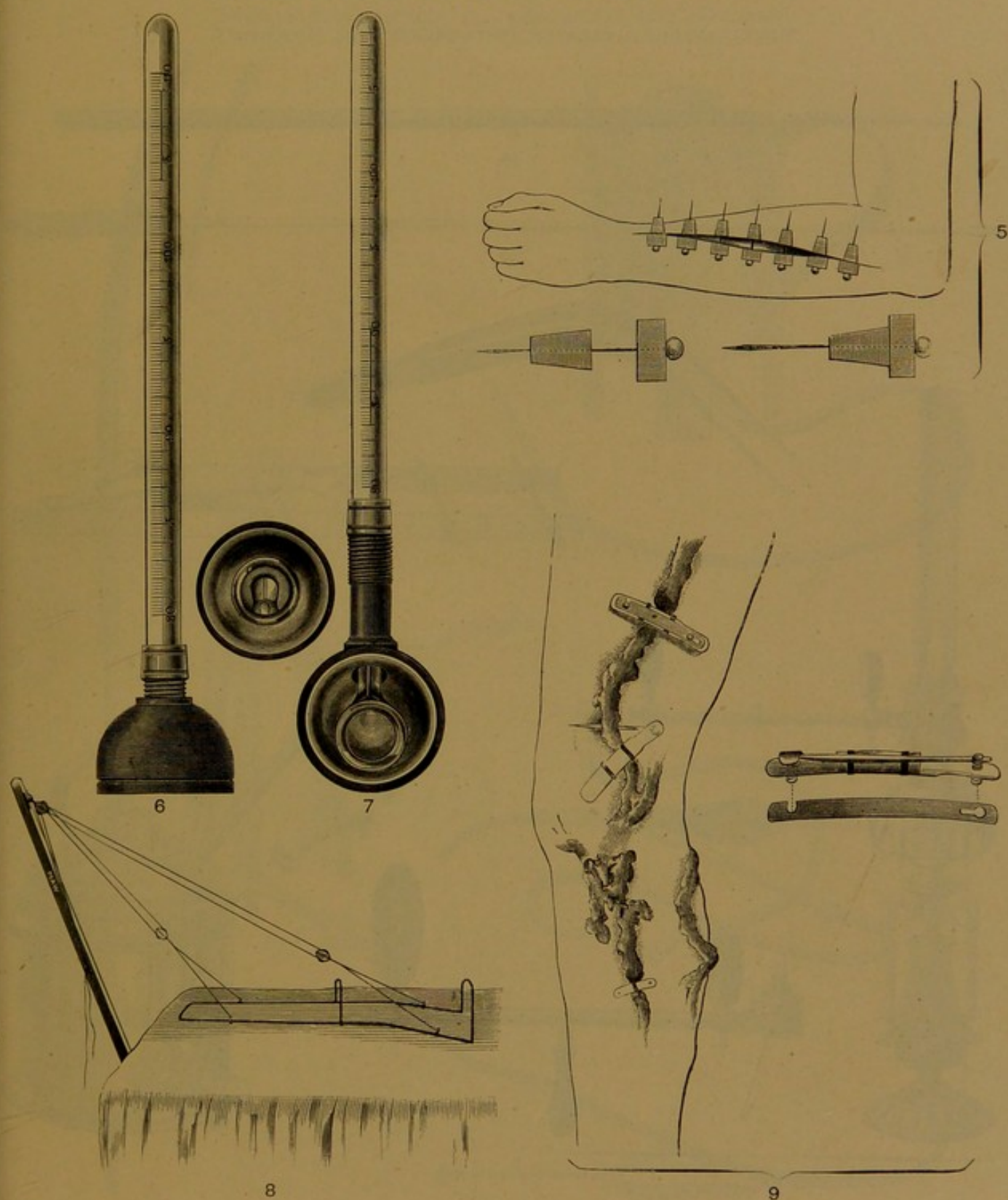


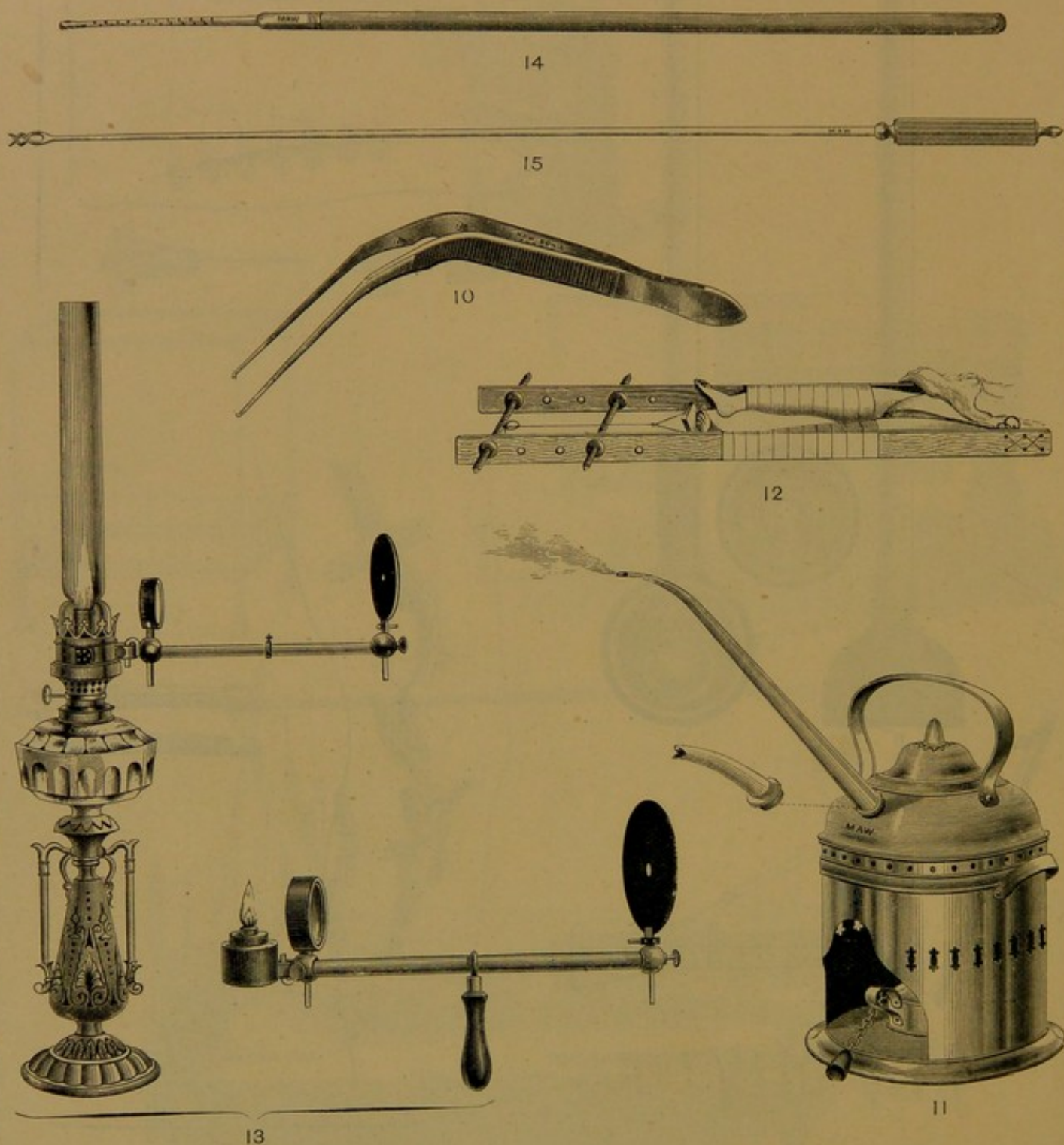
Fig. 5. GUARDED PIN, BAIRD DOUGLAS', FOR THE RELIEF AND CURE OF WOUNDS, THE OPERATIONS OF HARE LIP, CLEFT PALATE, VESICO-VAGINAL FISTULA, RUPTURED PERINEUM, NEVUS AND HÆMORRHOIDS.

Fig. 6. } SURFACE THERMOMETERS, DUPRÉ'S.

Fig. 7. }

Fig. 8. SUSPENSION APPARATUS.

Fig. 9. VEIN BROOCH AND TOURNIQUET, FOR THE CURE OF VARIX, VARICOCELE, GANGLIONS, ETC., J. R. A. DOUGLAS'.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

- Fig. 10. ANGULAR EAR FORCEPS, ABBOTT'S.
 Fig. 11. BRONCHITIS KETTLE, LLOYD'S.
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 Fig. 15. SCREW HOOK FOR THE APPLICATION OF WOOL TO THE UTERUS.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).

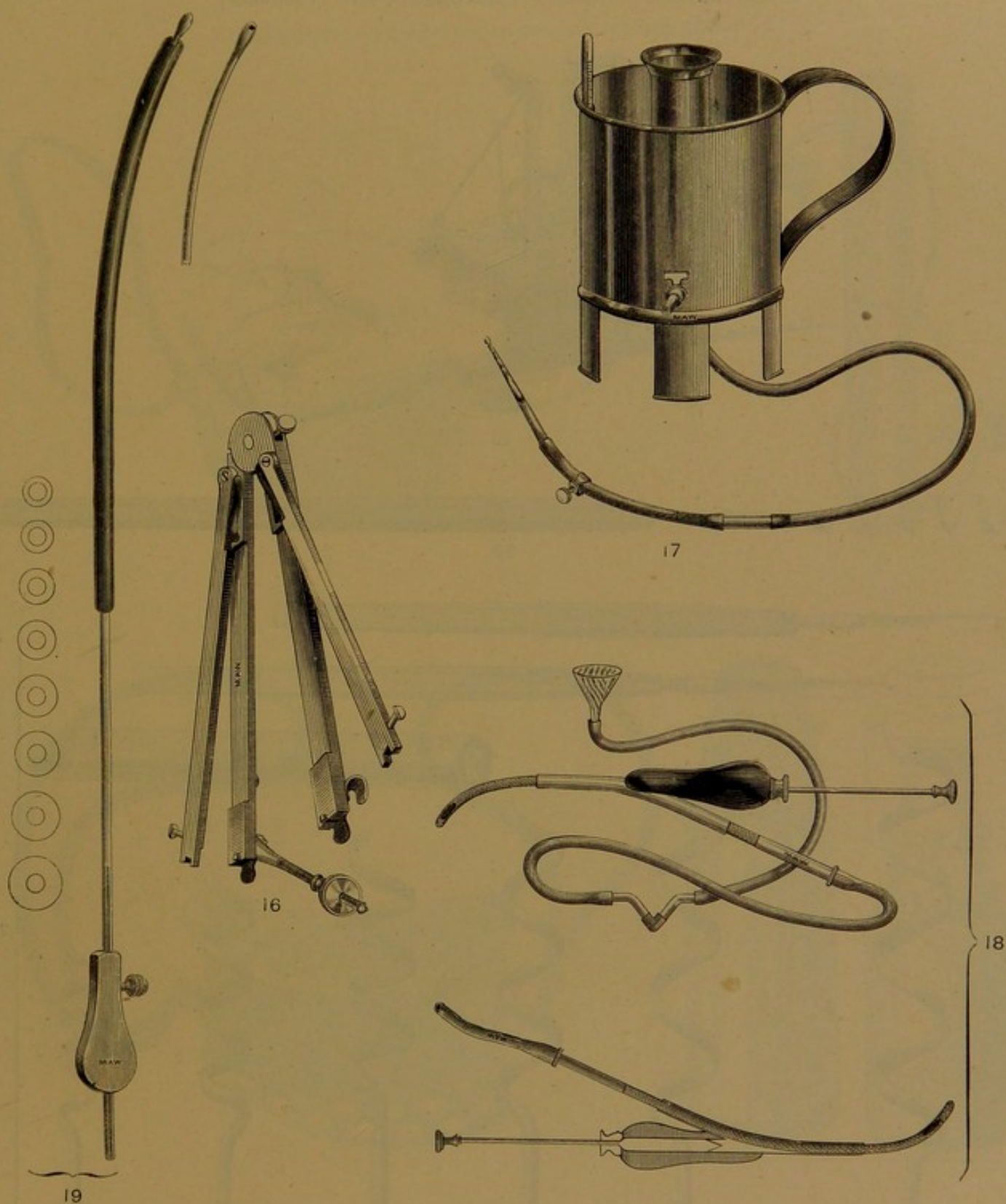
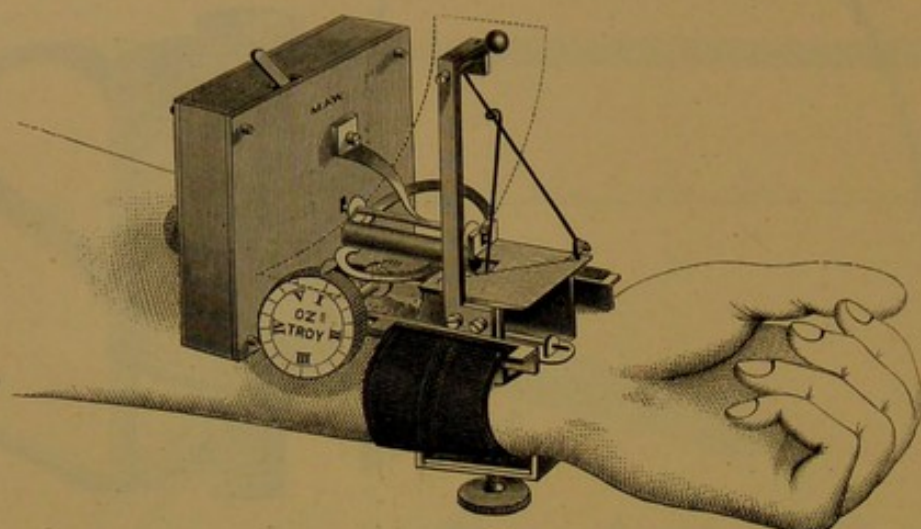


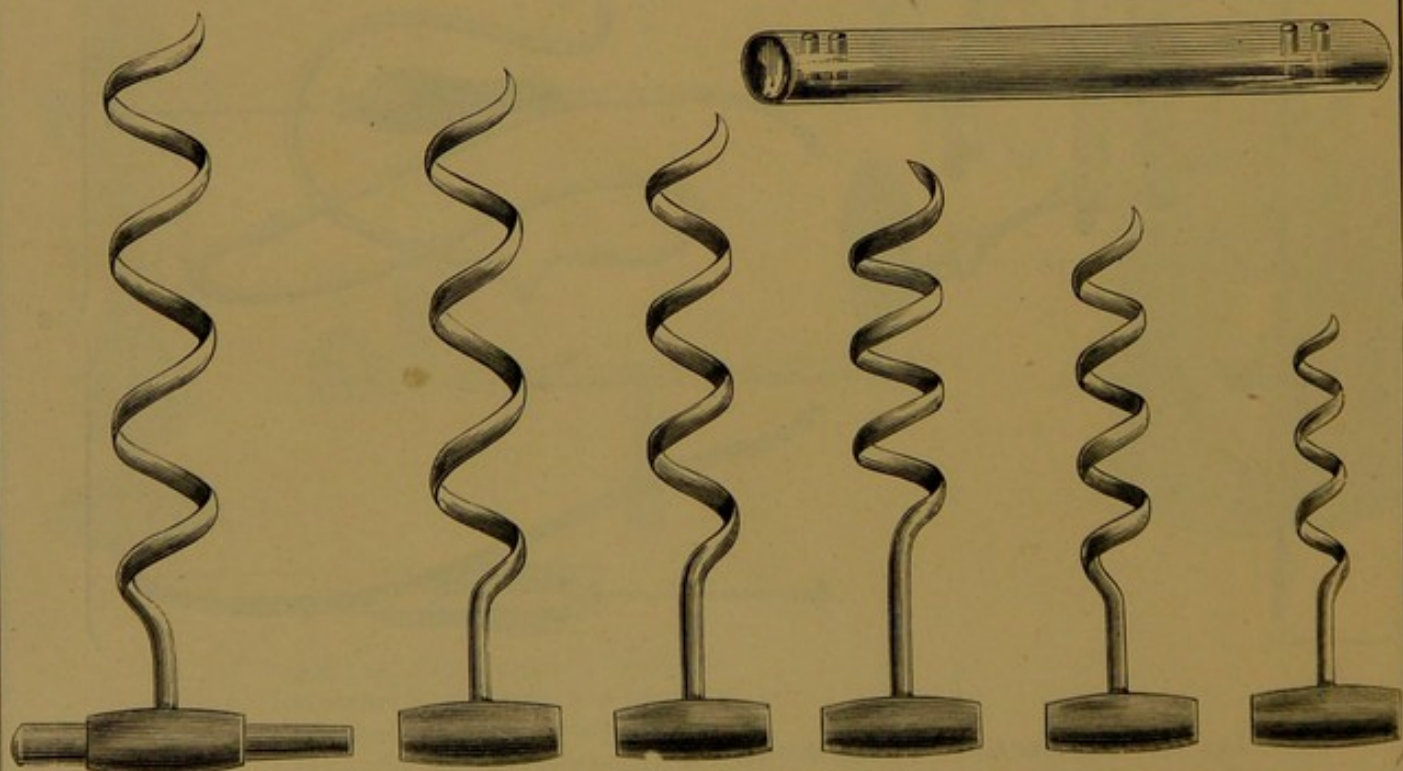
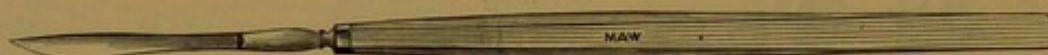
Fig. 16. CIRCUMCISION CLAMP, ASHER'S.
 Fig. 17. GRAVITATION TRANSFUSION APPARATUS, WHITESIDE HIME'S.
 Fig. 18. TROCAR FOR EVACUATION AND INJECTION, WHITESIDE HIME'S.
 Fig. 19. UTERUS PROBE AND SET OF EIGHT CANULAS FOR DILATING THE UTERUS, JAMES'.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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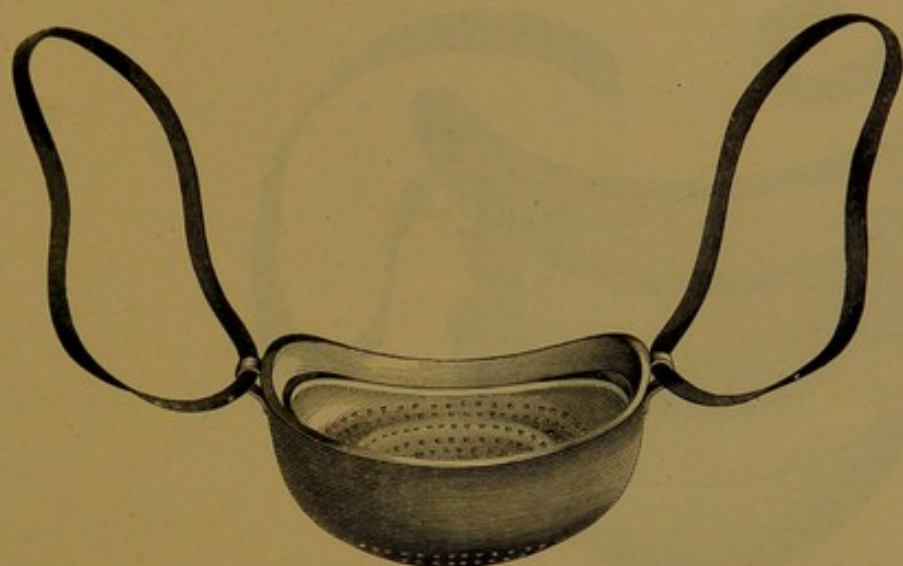
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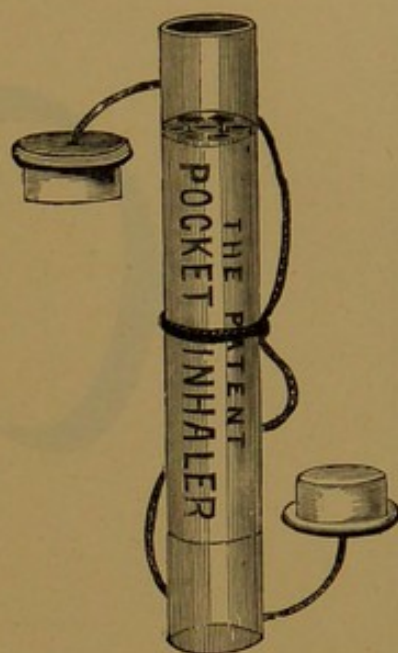
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- Fig. 20. COMPLETE SET OF INSTRUMENTS FOR THE RADICAL CURE OF HERNIA, SPANTON'S.
 Fig. 21. SPHYGMOGRAPH, DUDGEON'S.
 Fig. 22. SPIRAL NEEDLE, SPANTON'S.

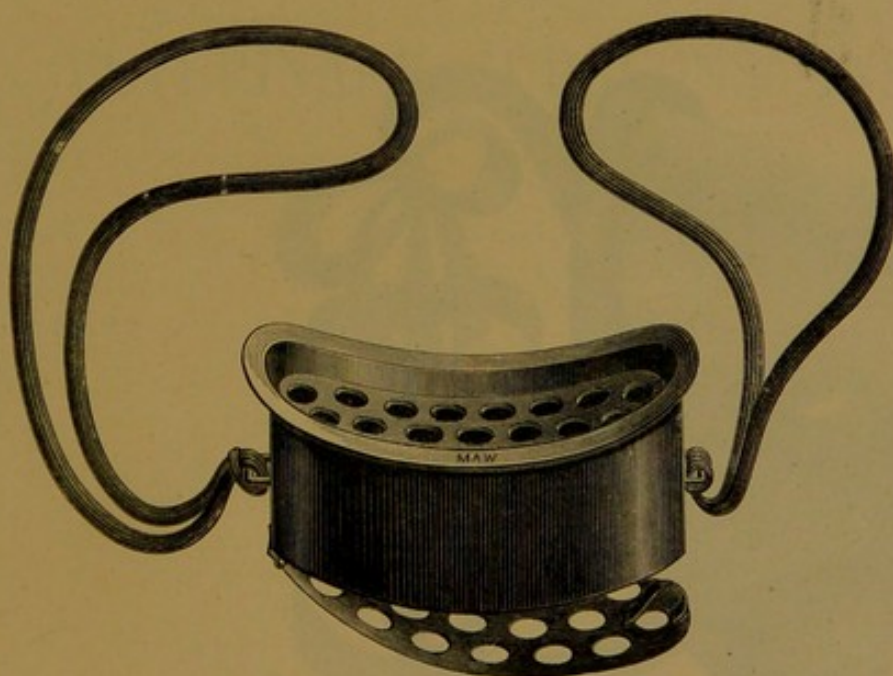
MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (Continued).



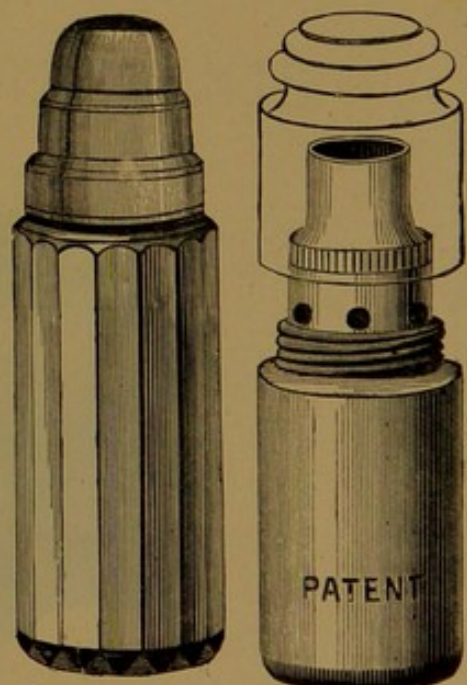
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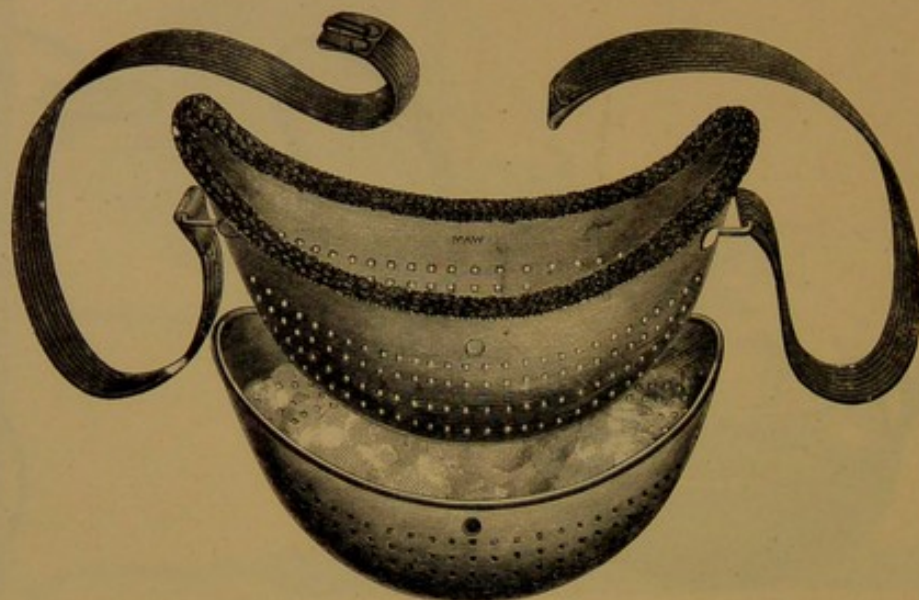


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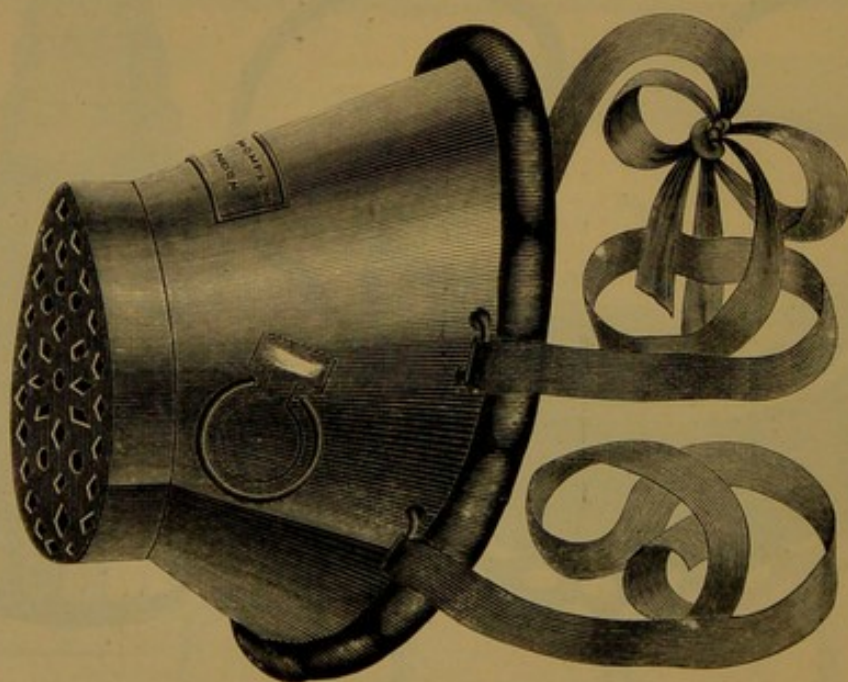


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Fig. 1. ANTISEPTIC INHALER, COGHILL'S.
 Fig. 2. ANTISEPTIC INHALER, ROBERTS'.
 Fig. 3. POCKET INHALER, TUBE FORM, AUSTIN'S.
 Fig. 4. POCKET INHALER, BOTTLE FORM, AUSTIN'S.

MISCELLANEOUS APPARATUS, INSTRUMENTS, ETC. (*Continued*).

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Fig. 5. ANTISEPTIC INHALER, COGHILL'S IMPROVED.

Fig. 6. ANTISEPTIC INHALER, HUNTER MACKENZIE'S.

SECTION XIX.



VETERINARY SURGEONS' INSTRUMENTS.

CONTENTS OF SECTION XIX.

ARTERY FORCEPS.	EMBRYOTOMY KNIVES.	QUITTOR SYRINGES.
BALLING INSTRUMENTS.	ENEMA APPARATUS.	RASPS.
BISTOURIES.	ENEMA SYRINGES.	RING NOSE PUNCH, FOR BULLS.
BLOOD-STICK.	EXPLORING NEEDLE.	ROWELLING BISTOURY.
BRONCHOTOMY TUBES.	FIRING IRONS.	SCALPEL, WITH LAMB CLAMS.
CASTRATING KNIVES.	FLEAMS.	SETON NEEDLES.
CATHETERS.	FOAL HOOKS.	SHEEP MARKER.
CAUSTIC CASES.	GAGS.	SINGEING LAMPS.
CLAMS.	HOBBLES.	SPAYING KNIVES.
CLINICAL THERMOMETERS.	HOOK AND HAMMER.	STETHOSCOPES.
CLIPPING MACHINE.	HOOK AND TENACULUM.	STOMACH PUMP.
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CUPPING PUMP.	LANCET, BLEEDING.	SYRINGES FOR SUBCUTANEOUS INJECTIONS.
CUTTING HOOK.	MANE PULLER.	SWEAT SCRAPERS.
DIRECTORS.	MILKING TUBES.	THOROUGH PIN TRUSS.
DISSECTION INSTRUMENTS.	NEEDLES.	TOOTH INSTRUMENTS.
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For ASPIRATORS, see pages 315 to 318, Section XIII.

For POST-MORTEM INSTRUMENTS, see pages 379 to 383, Section XVII.

ARTERY FORCEPS, EMBRYOTOMY KNIFE, AND LANCET.

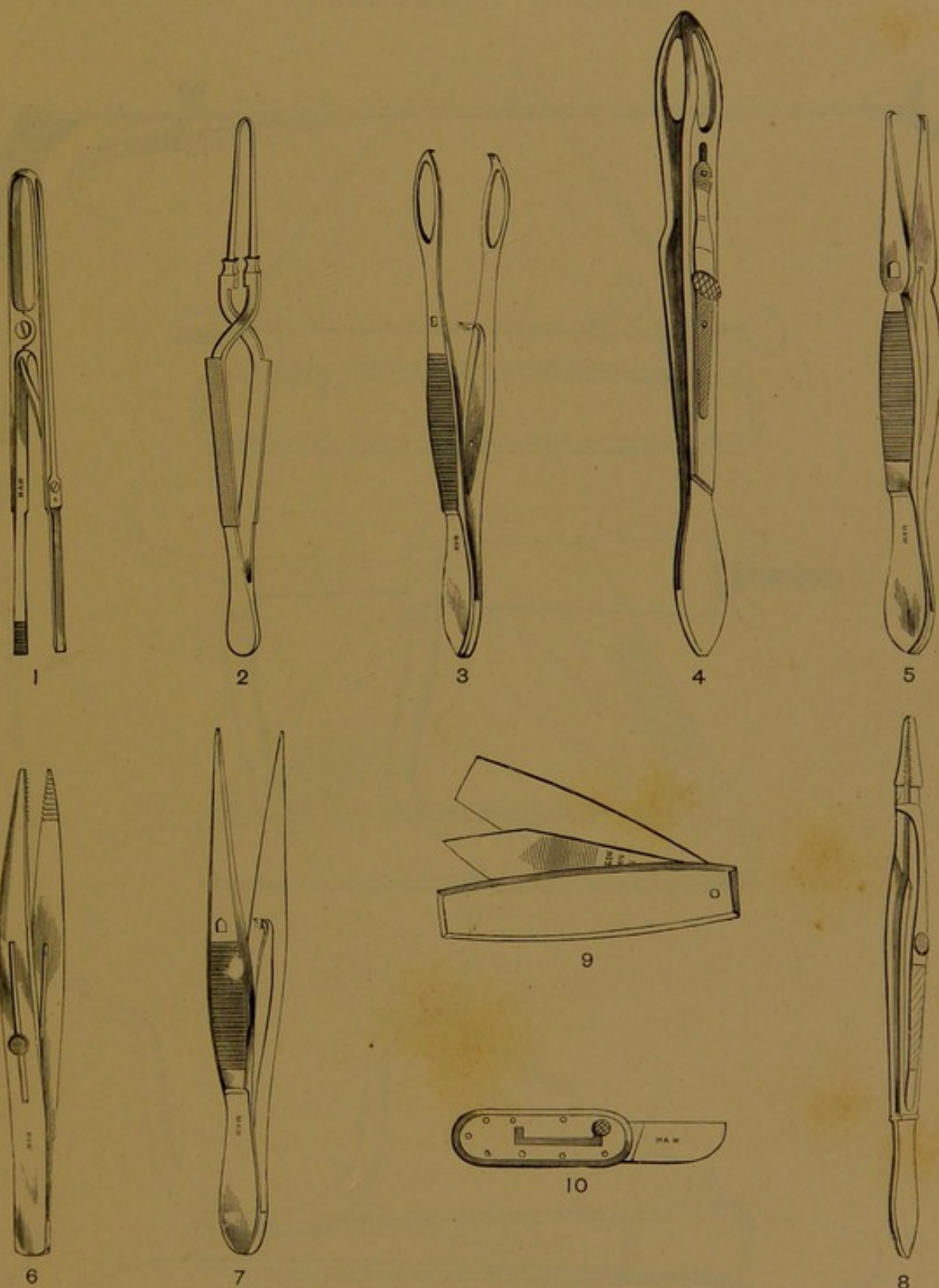


Fig. 1. ASSALINI'S.
 Fig. 2. CROSS-ACTION.
 Fig. 3. FENESTRATED.
 Fig. 4. FENESTRATED, WITH SLIDE.
 Fig. 5. LISTON'S.

Fig. 6. SLIDING.
 Fig. 7. SYME'S.
 Fig. 8. TORSION.
 Fig. 9. EMBRYOTOMY KNIFE, WITH SLIDE.
 Fig. 10. LANCET, ABSCESS.

BALLING INSTRUMENTS.

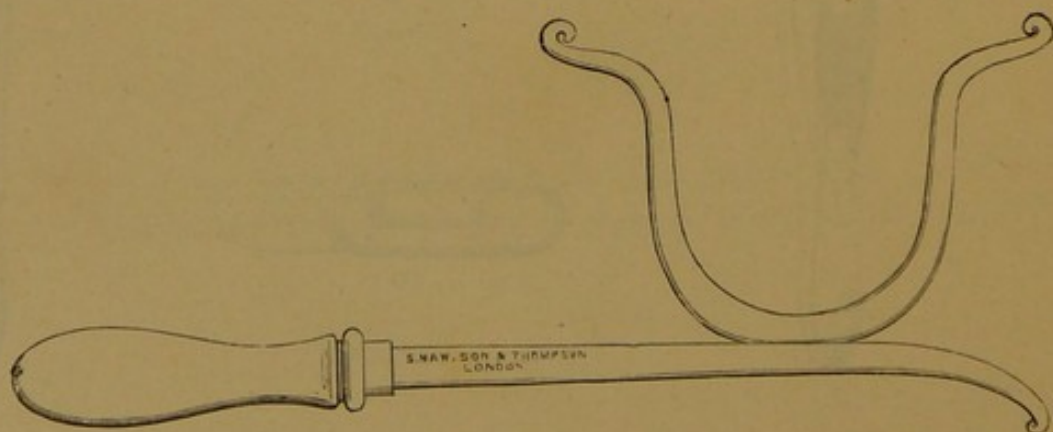
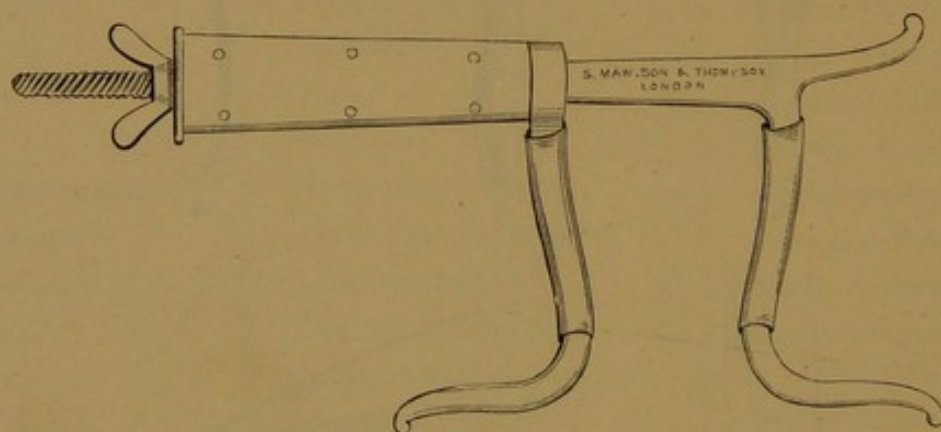
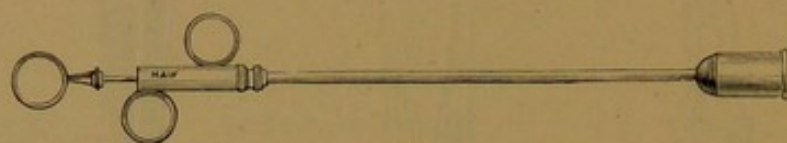
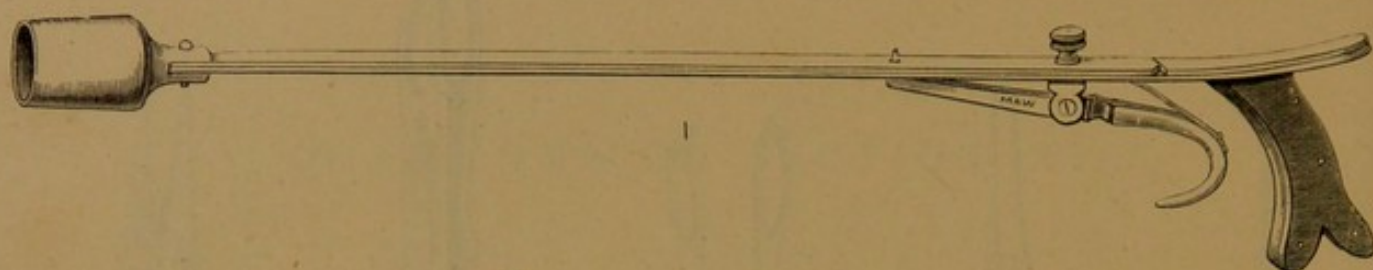


Fig. 1. GOODWIN'S.
Fig. 2. MAW'S.

Fig. 3. VARNELL'S.
Fig. 4. PLAIN.

BISTOURIES, ETC.

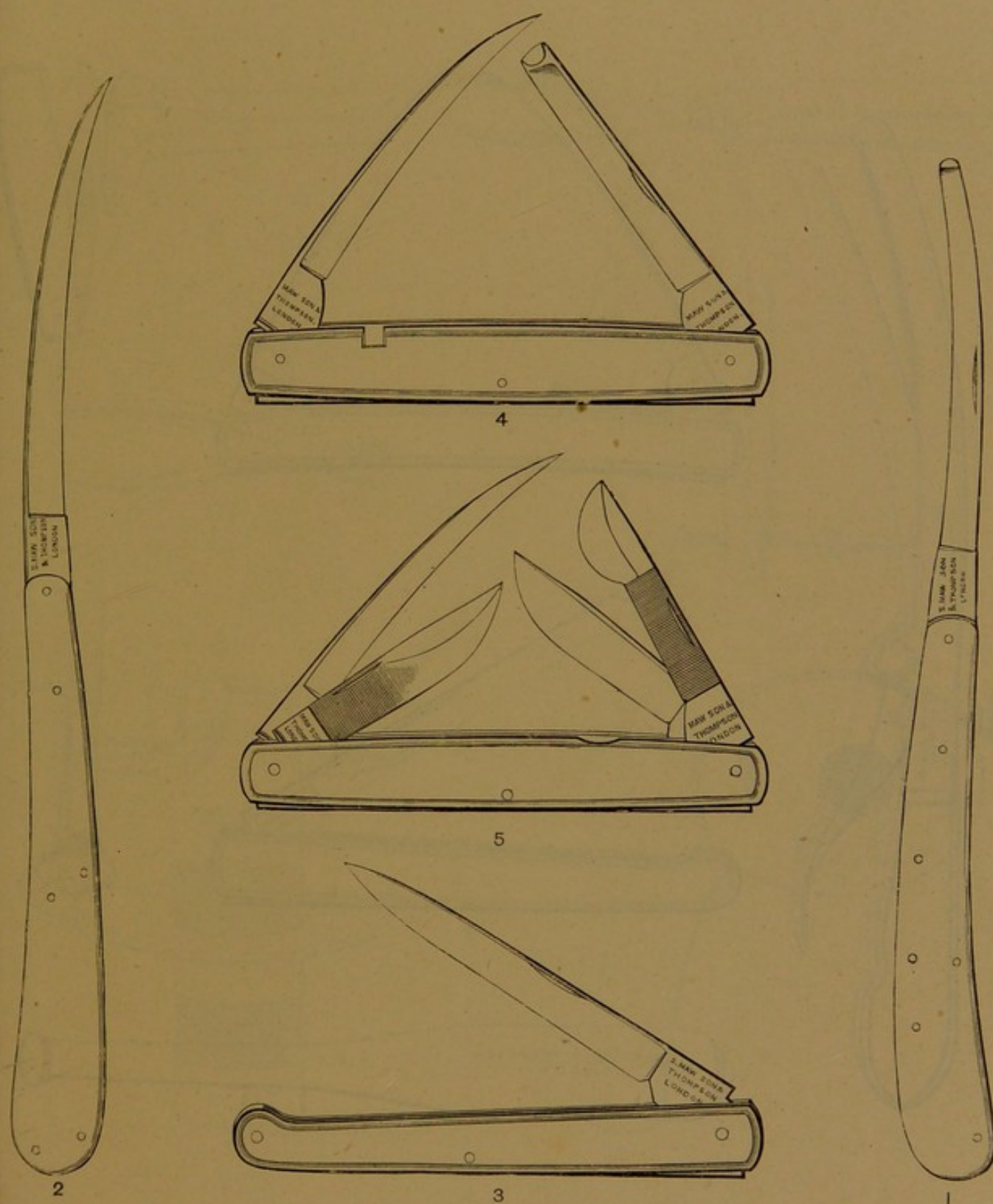


Fig. 1. BISTOURY, BLUNT, CURVED.
 Fig. 2. BISTOURY, SHARP, CURVED.
 Fig. 3. BISTOURY, SHARP, STRAIGHT.

Fig. 4. BISTOURY AND DRAWING KNIFE.
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BISTOURIES, BLEEDING LANCET, BLOOD-STICK, SCALPEL WITH CLAMS.

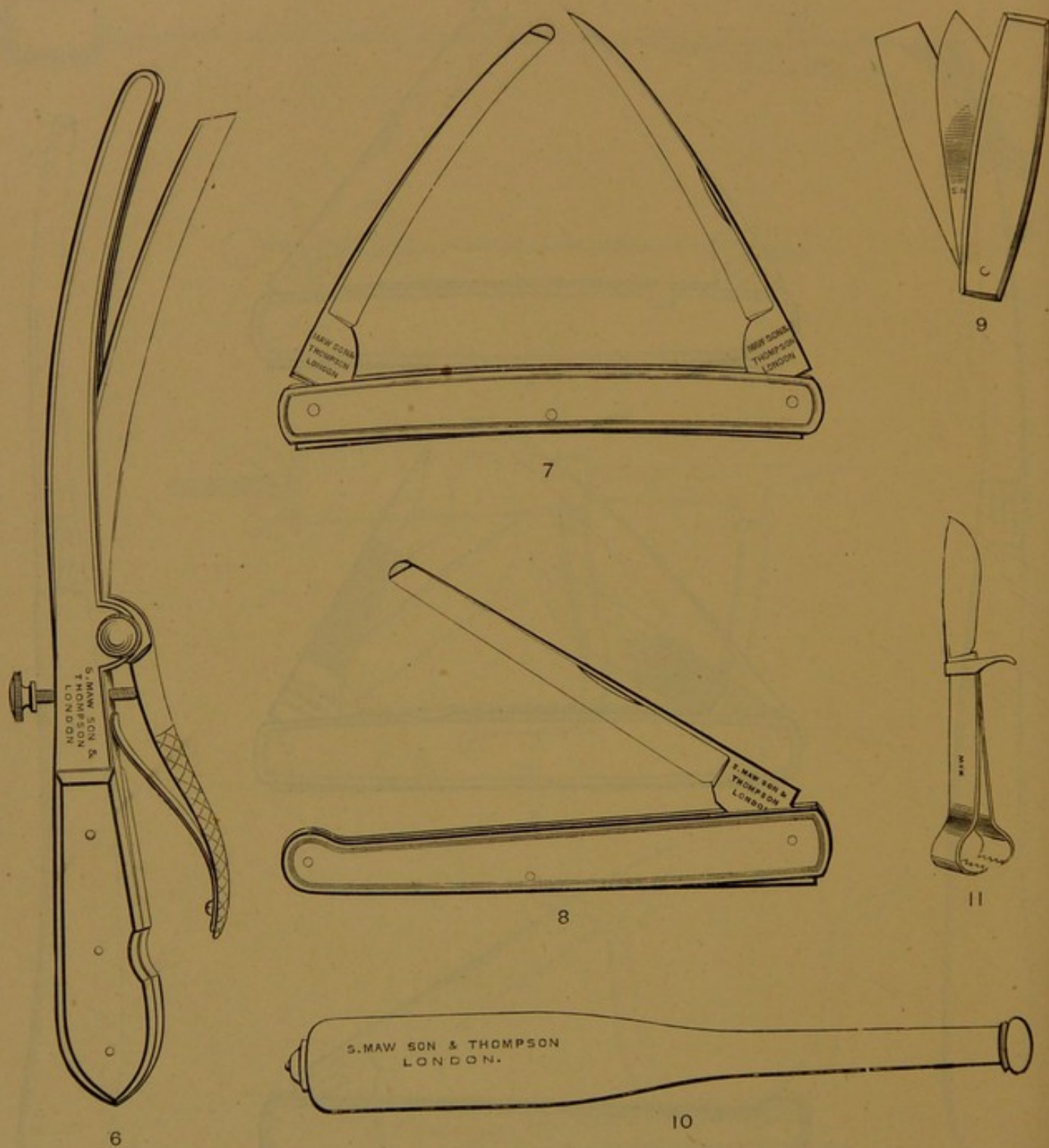
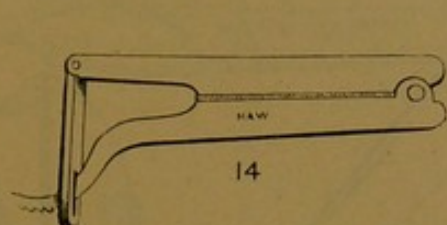


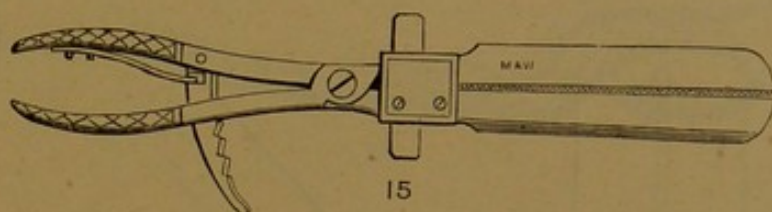
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 Fig. 7. BISTOURY, DOUBLE.
 Fig. 8. BISTOURY, BLUNT, STRAIGHT.

Fig. 9. BLEEDING LANCET.
 Fig. 10. BLOOD-STICK.
 Fig. 11. SCALPEL, WITH LAMB CLAMS.

BRONCHOTOMY TUBES, CLAMS, AND SHEEP MARKER.



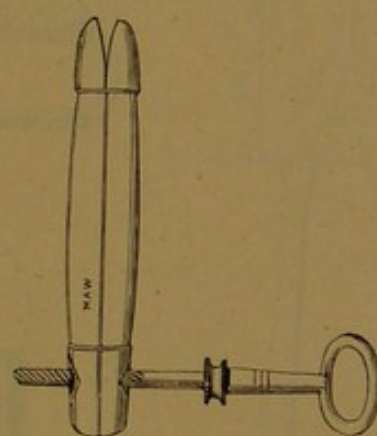
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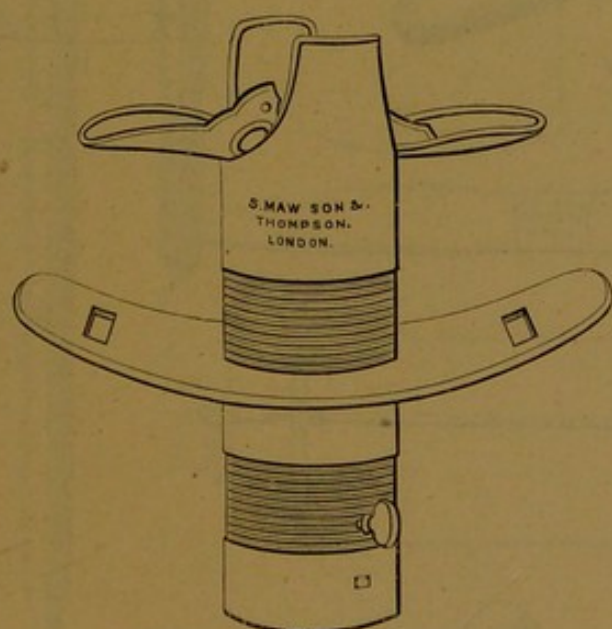
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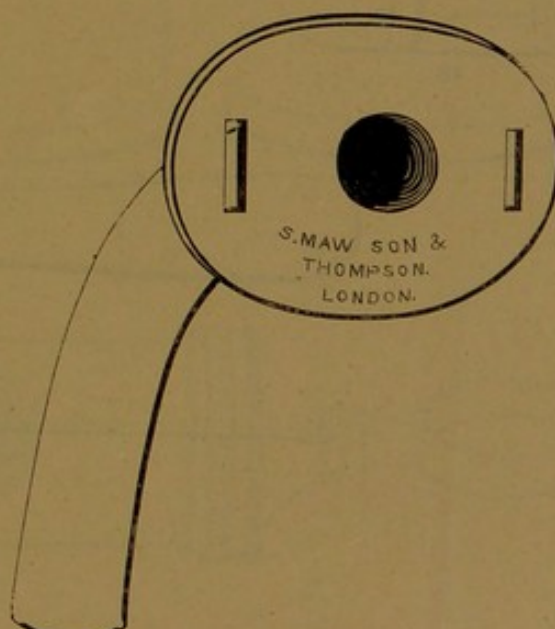
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Fig. 12. BRONCHOTOMY TUBE.

Fig. 13. BRONCHOTOMY TUBE (Three Sizes).

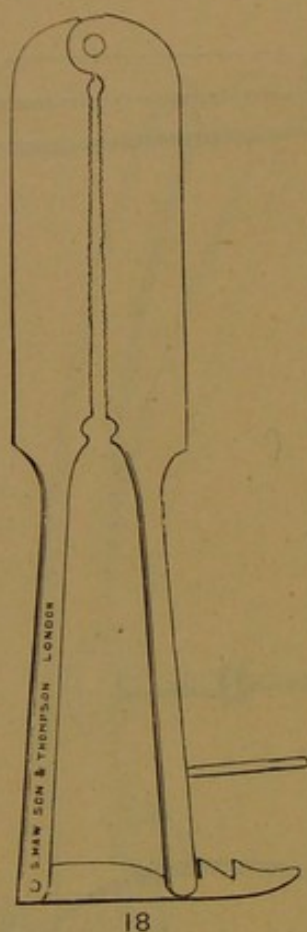
Fig. 14. CLAMS FOR CAUSTIC.

Fig. 15. CLAMS, WITH PARALLEL BLADES.

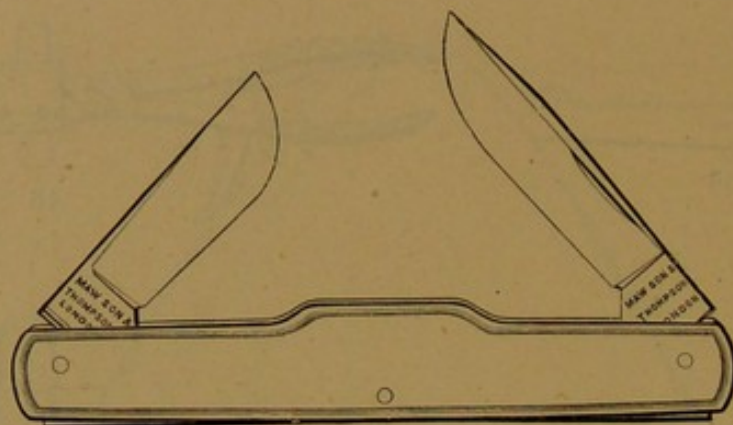
Fig. 16. CLAMS FOR PIGS.

Fig. 17. SHEEP MARKER.

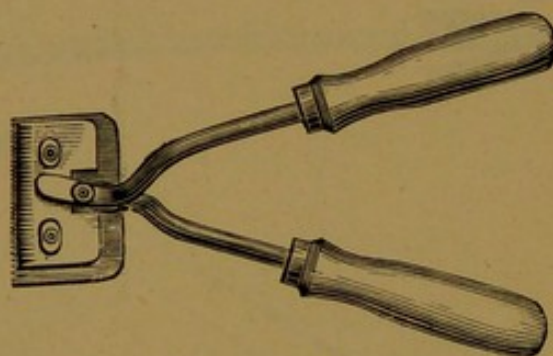
CASTRATING CLAMS AND KNIVES, CATHETERS, AND CLIPPING MACHINE.



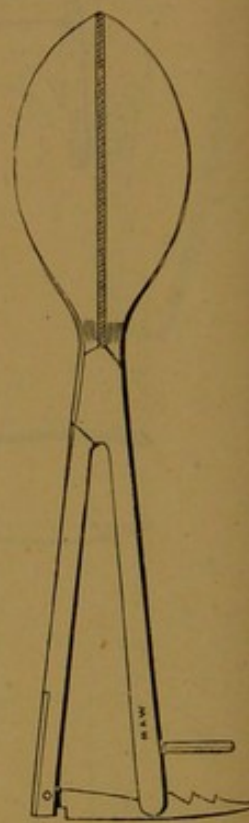
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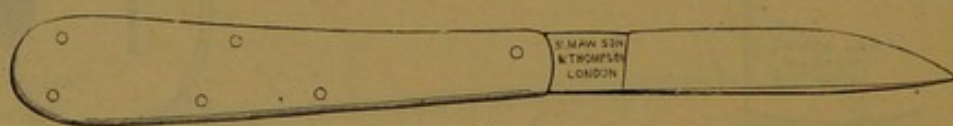
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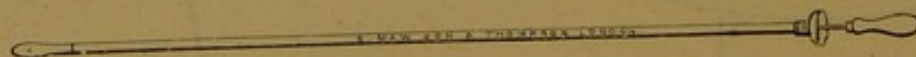
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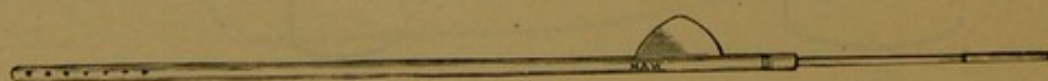
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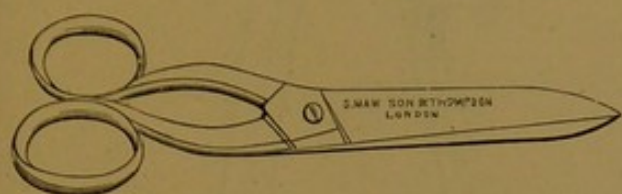
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- Fig. 18. } CASTRATING CLAMS.
Fig. 19. }
Fig. 20. CASTRATING KNIFE.
Fig. 21. CASTRATING KNIFE, WITH SCALPEL.

- Fig. 22. CATHETER FOR HORSES.
Fig. 23. CATHETER FOR MARES.
Fig. 24. CLIPPING MACHINE.

CLINICAL THERMOMETERS, CLIPPING SCISSORS, AND
CUPPING APPARATUS.

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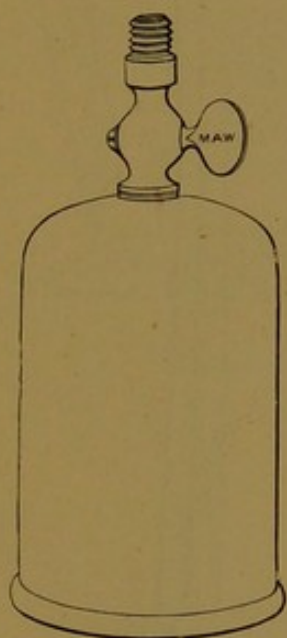


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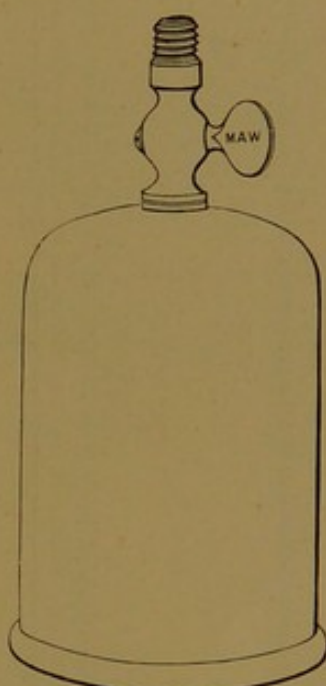


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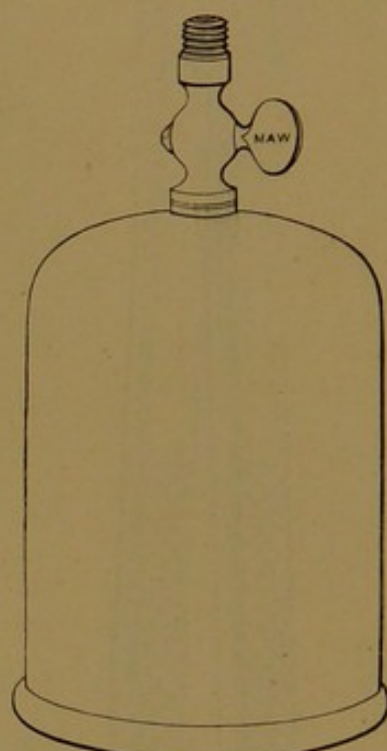
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- Fig. 25. CLINICAL THERMOMETER, 6 in.
 Fig. 26. CLINICAL THERMOMETER, 8 in.
 Fig. 27. CLIPPING SCISSORS, STRAIGHT BLADES AND BENT SHANKS.
 Fig. 28. CLIPPING SCISSORS, BENT BLADES AND SHANKS, LEATHER-COVERED HANDLES.
 Figs. 29 }
 to 32. } CUPPING PUMP, WITH METAL CUPS.

GOWING'S TOOTH INSTRUMENTS.

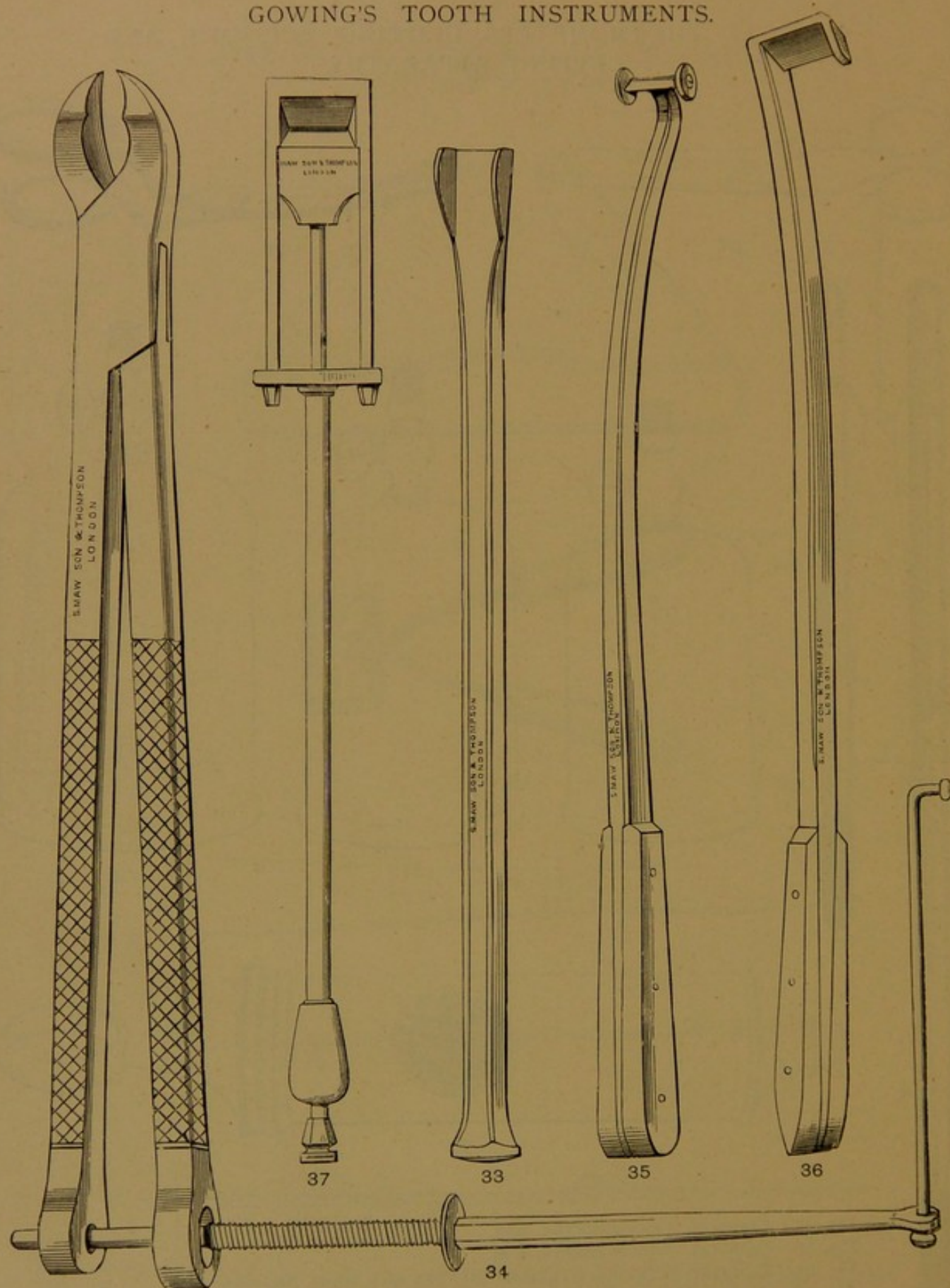


Fig. 33. GUARDED CHISEL.
 Fig. 34. HORSE FORCEPS.
 Fig. 35. LATERAL REPELLER.

Fig. 36. POSTERIOR REPELLER.
 Fig. 37. SLIDE CHISEL.

DISSECTION INSTRUMENTS, DOCKING AND DRAWING KNIVES.

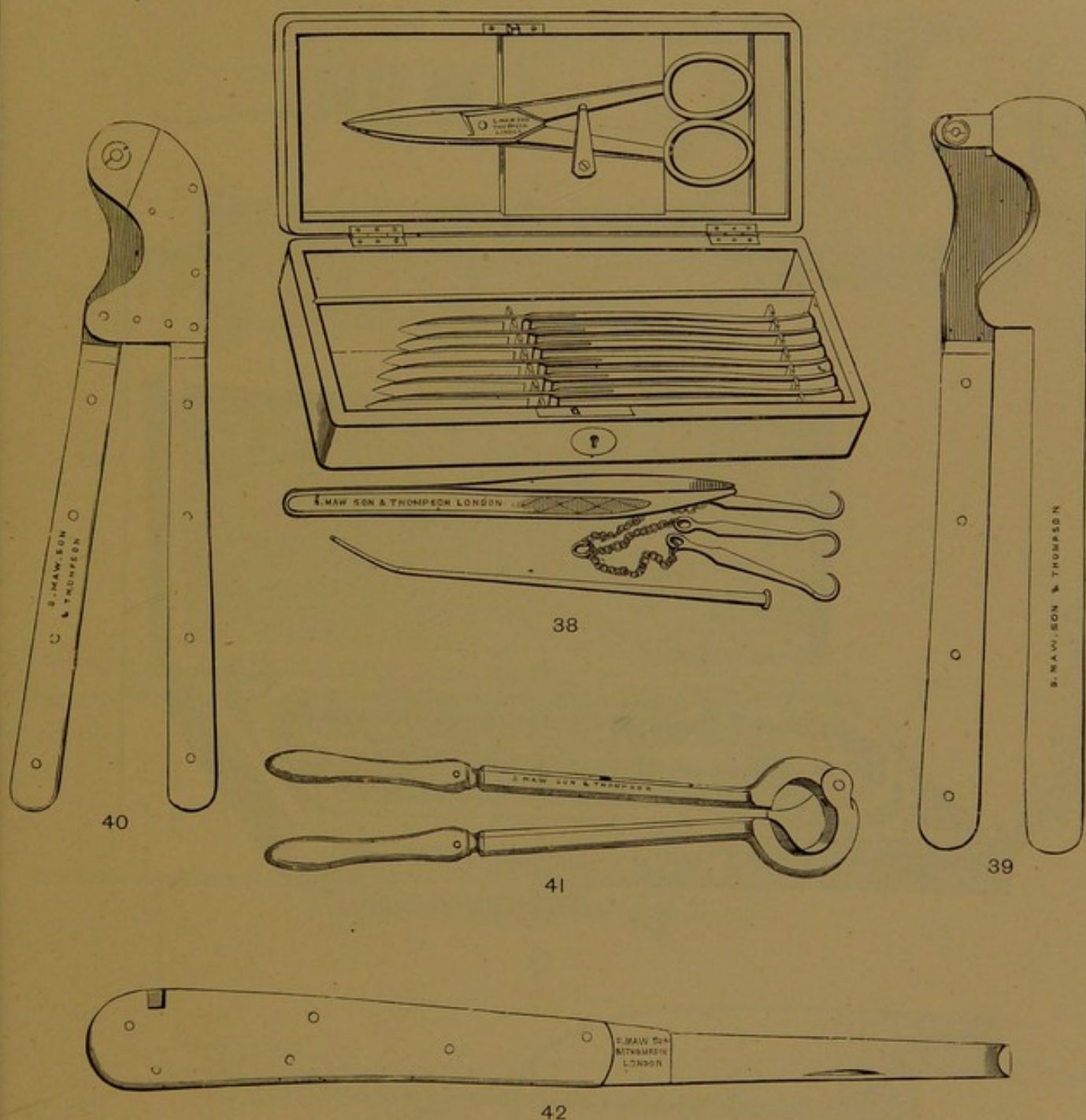


Fig. 38. DISSECTION CASE.—CONTAINS: BLOW-PIPE, CHAIN HOOKS, FORCEPS, NEEDLES, SIX SCALPELS, SCISSORS.

Fig. 39. DOCKING KNIFE, MOUNTED IN BEECH.

Fig. 40. DOCKING KNIFE, MOUNTED IN ROSE-WOOD.

Fig. 41. DOCKING KNIFE, PORTABLE, THE HANDLES TO UNSCREW.

Fig. 42. DRAWING KNIFE.

DRAWING KNIFE, EMBRYOTOMY KNIVES, ENEMA APPARATUS
AND STOMACH PUMP.

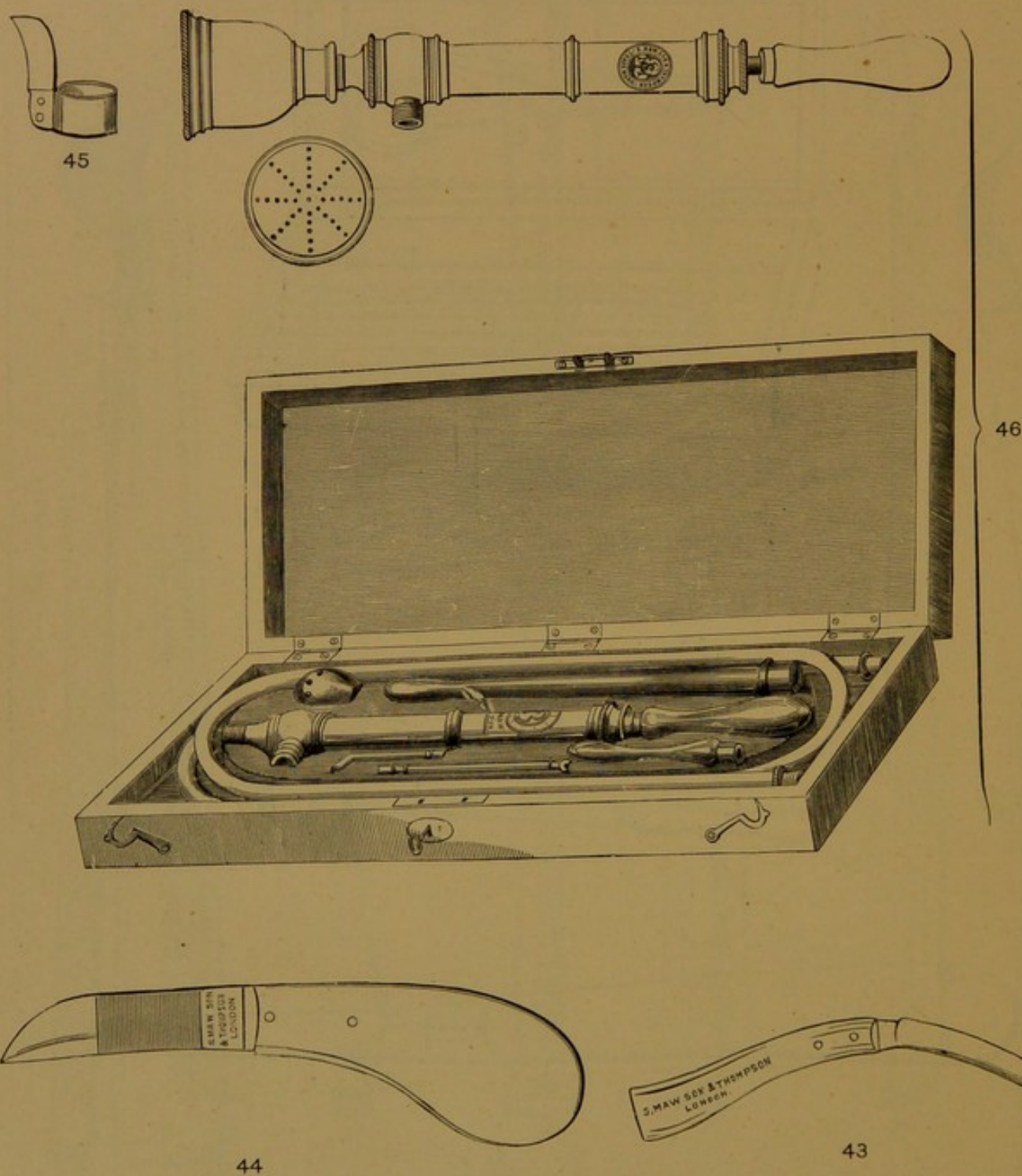


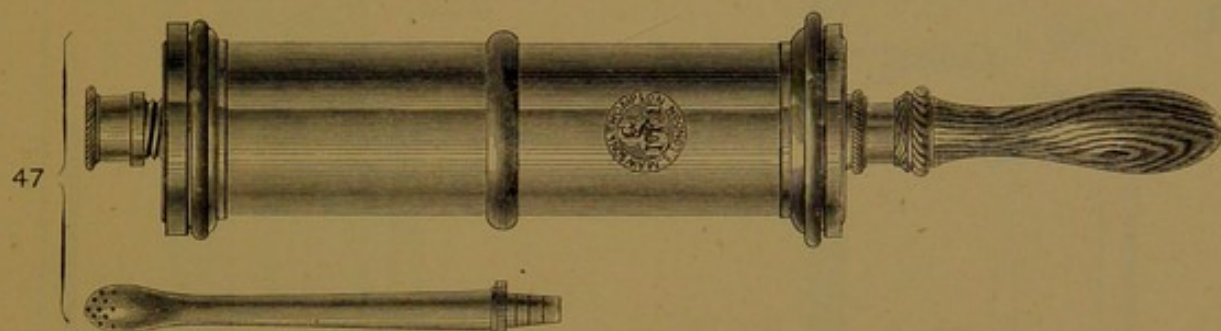
Fig. 43. DRAWING KNIFE IN BUCK-HORN HANDLE
(Sorted Sizes).
Fig. 44. EMBRYOTOMY KNIFE.

Fig. 45. EMBRYOTOMY KNIFE.
Fig. 46. ENEMA APPARATUS AND STOMACH PUMP,
WITH TOBACCO FUMIGATOR.

ENEMA SYRINGES.



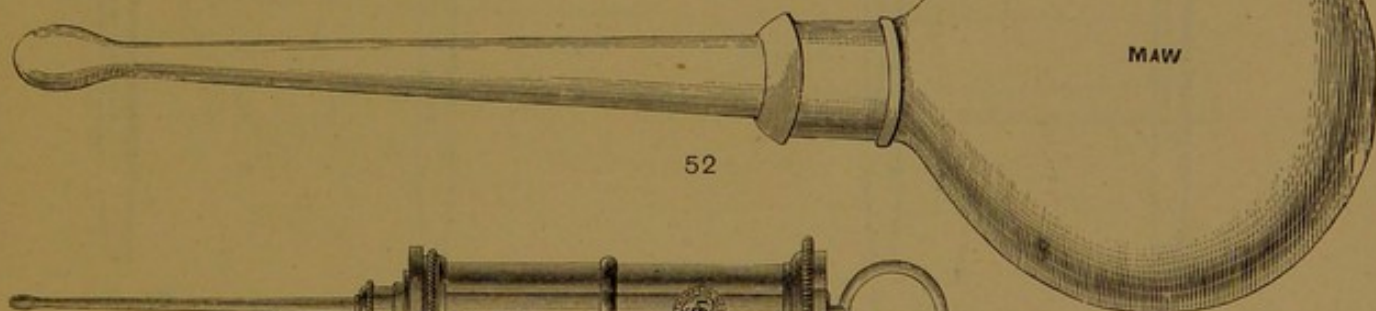
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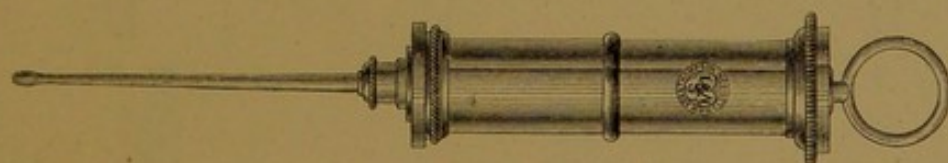
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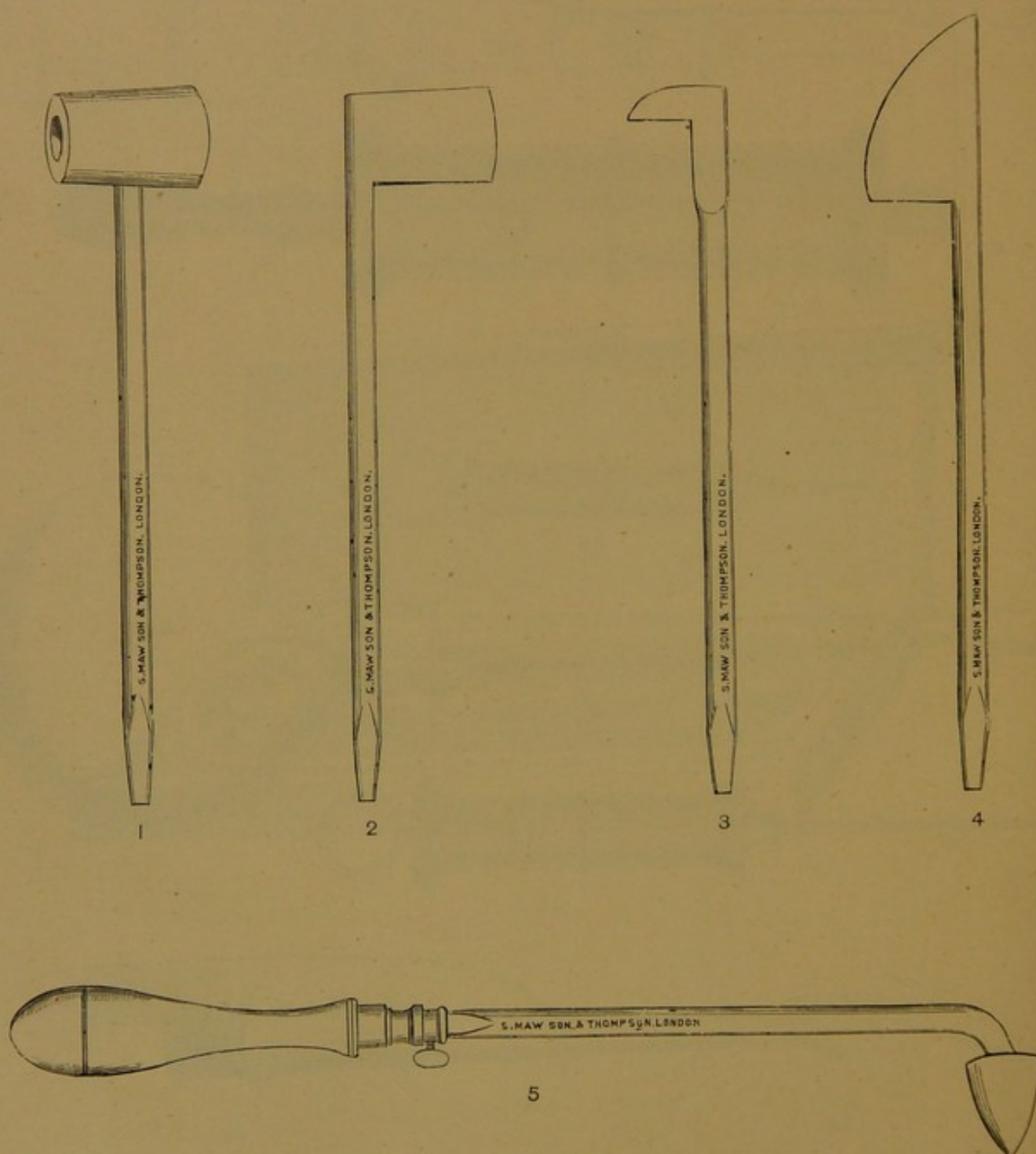


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- Fig. 47. ENEMA SYRINGE, PEWTER.
 Fig. 48. ENEMA SYRINGE, PEWTER, FOR DOGS
 AND SHEEP.
 Fig. 49. ENEMA SYRINGE, PEWTER, FINE LONG
 PIPE.

- Fig. 50. ENEMA SYRINGE, WITH ELASTIC PIPE,
 FOR DOGS AND SHEEP.
 Fig. 51. PIPE, FOR BLADDERS.
 Fig. 52. PIPE AND INDIA-RUBBER BAG.

FIRING IRONS.



Figs. 1 to 5. THE SET, FITTING ONE SOCKET HANDLE.

FLEAMS.

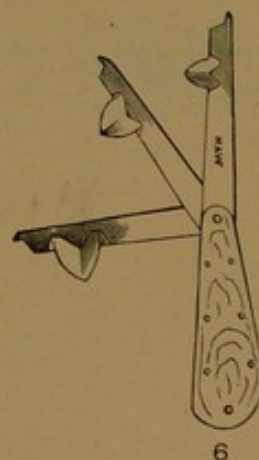
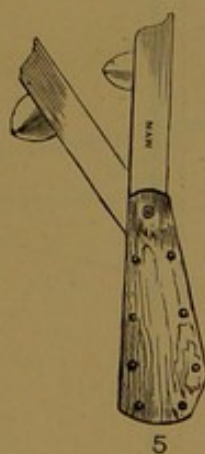
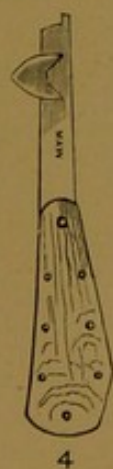
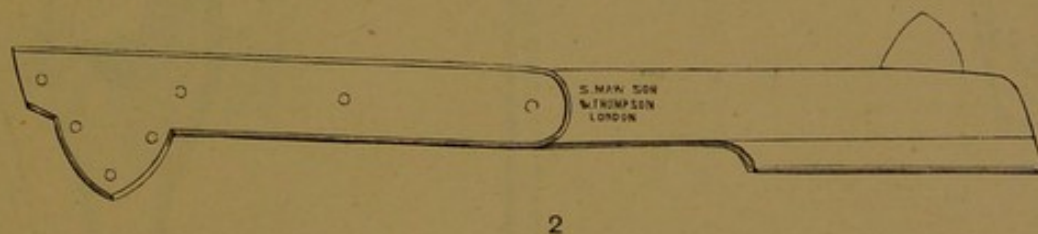
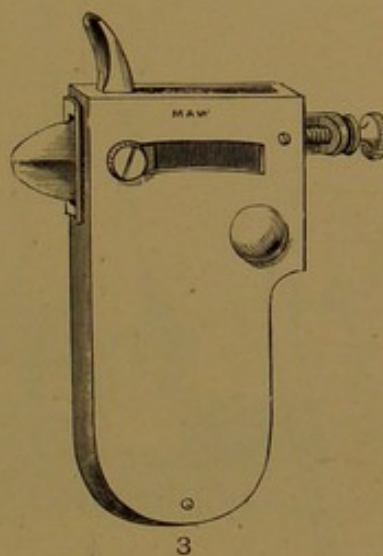
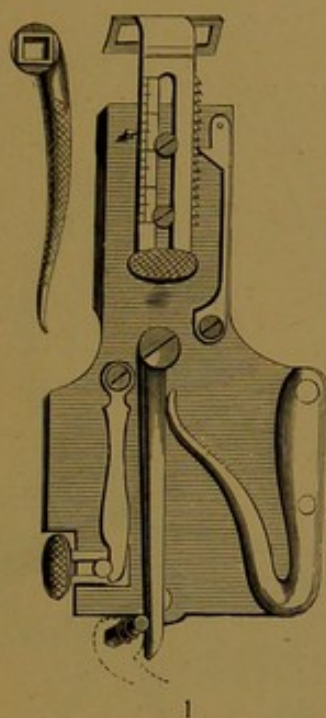


Fig. 1. DOUBLE-ACTION, STEEL.
Fig. 2. PATENT BACK IN BUFFALO.
Fig. 3. SINGLE-ACTION, BRASS.

Fig. 4. SINGLE BLADE.
Fig. 5. TWO BLADES.
Fig. 6. THREE BLADES.

FOAL HOOKS AND GAGS.

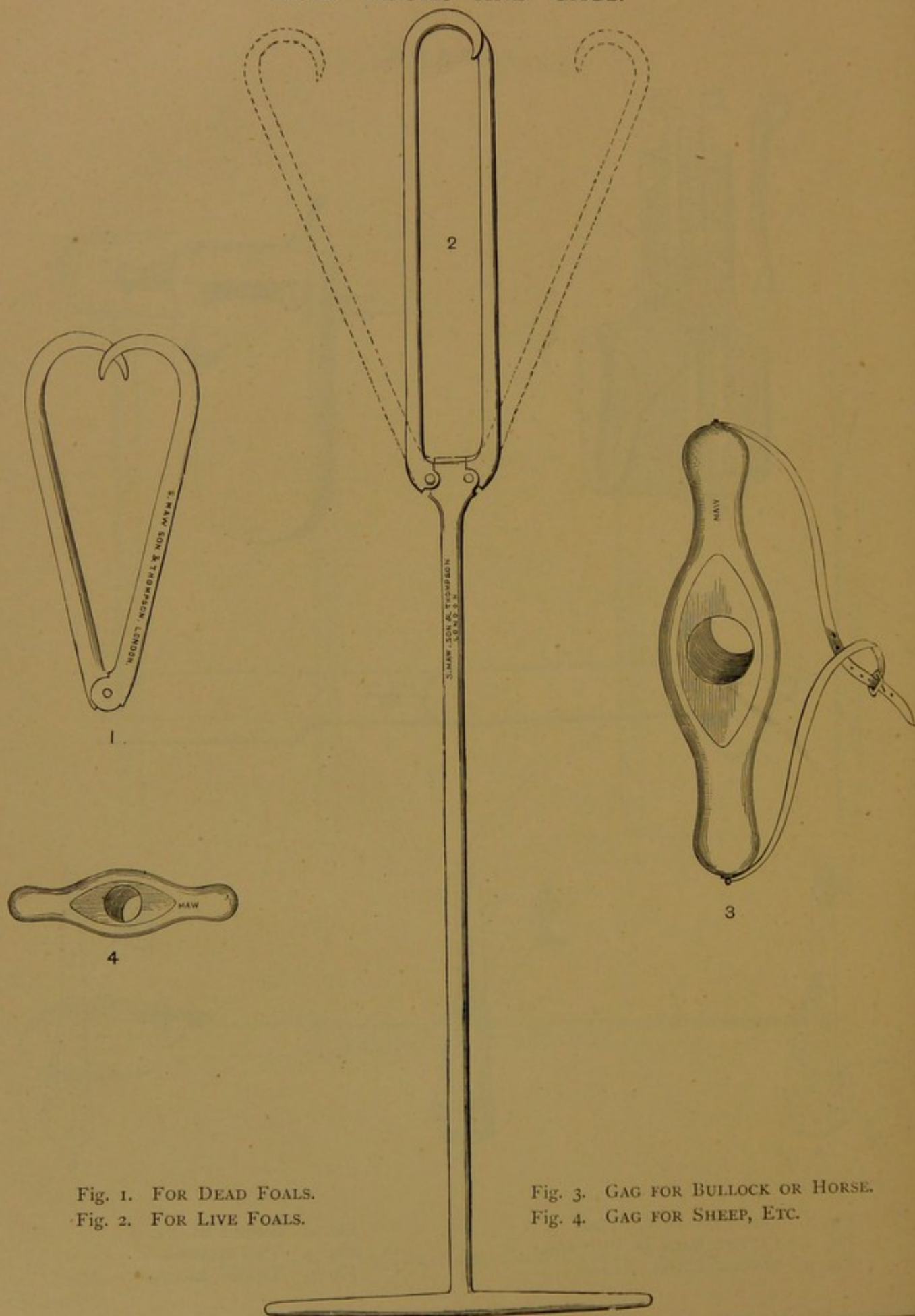


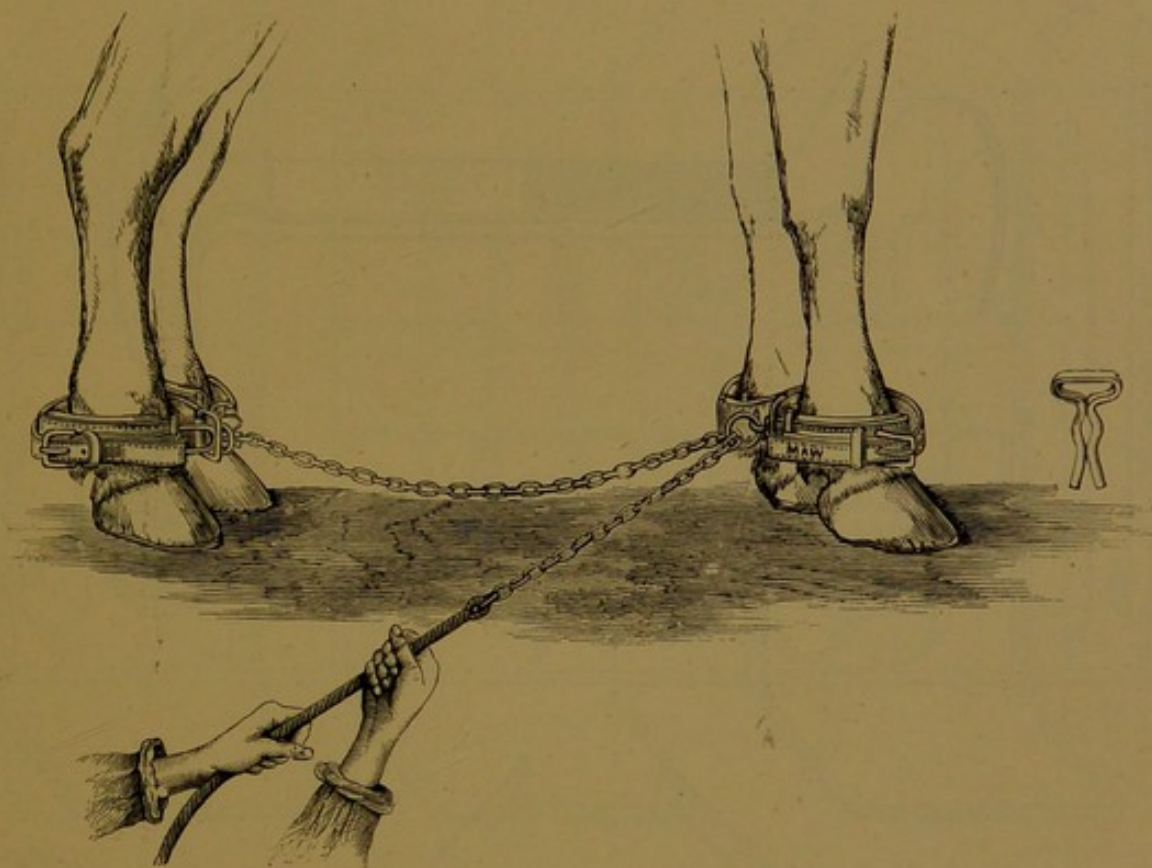
Fig. 1. FOR DEAD FOALS.

Fig. 2. FOR LIVE FOALS.

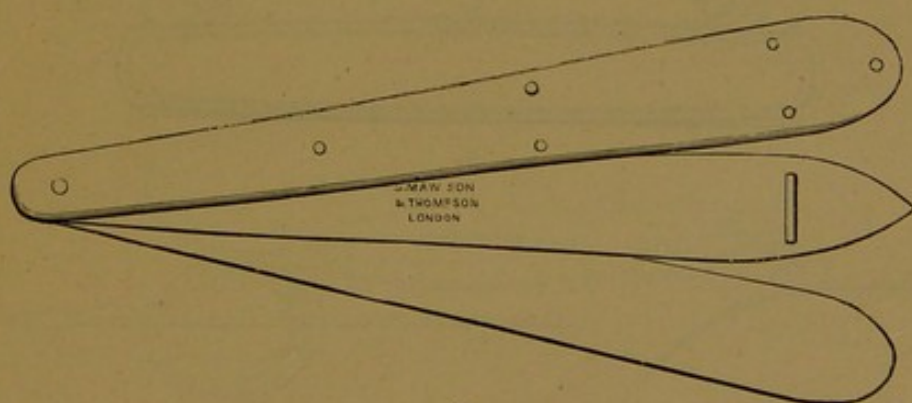
Fig. 3. GAG FOR BULLOCK OR HORSE.

Fig. 4. GAG FOR SHEEP, ETC.

HOBBLES AND SETON NEEDLE.



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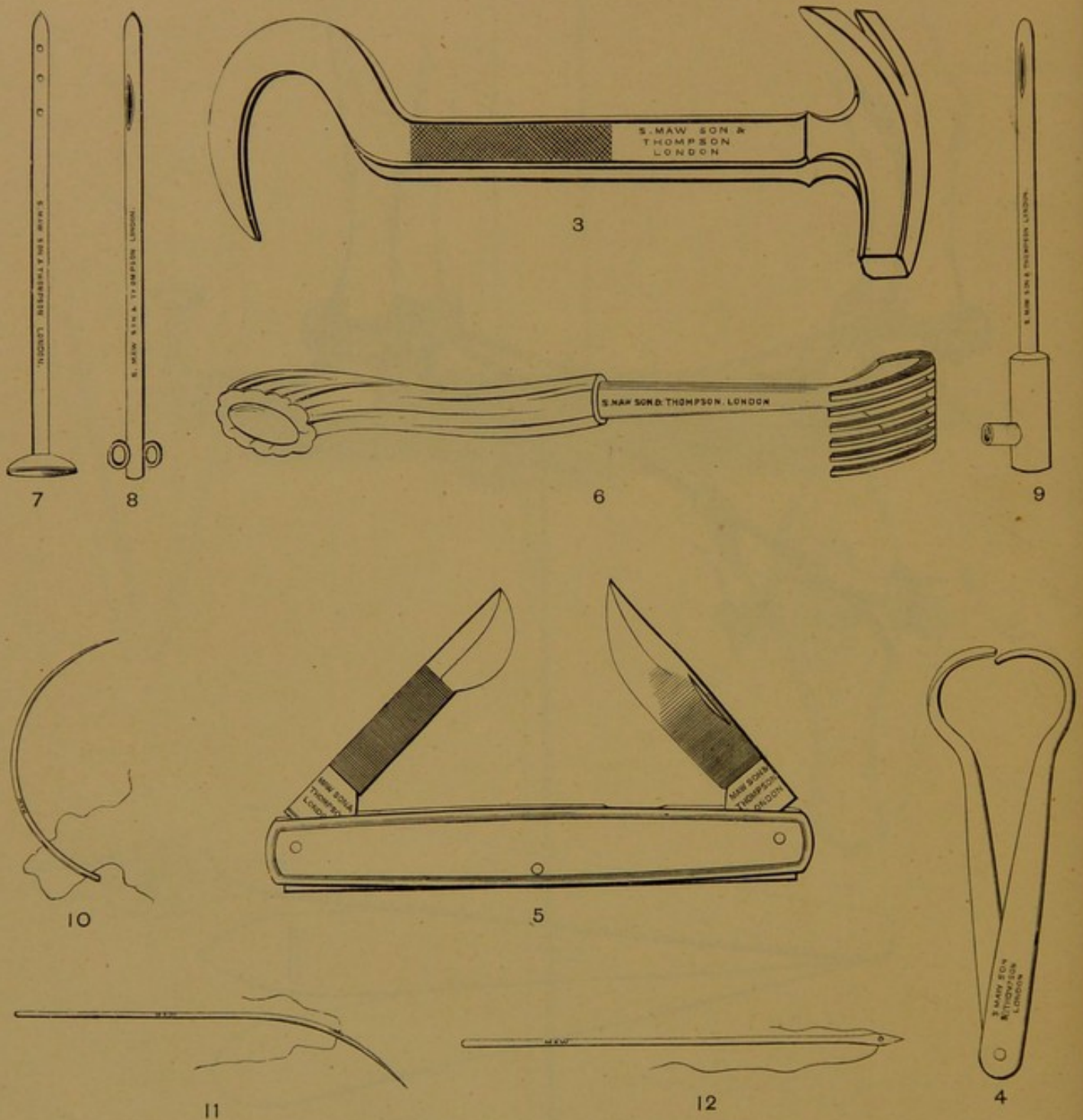


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Fig. 1. HOBBLES FOR CASTING, WITH SWIVEL CHAIN.

Fig. 2. SETON NEEDLE, IN BUFFALO HANDLE.

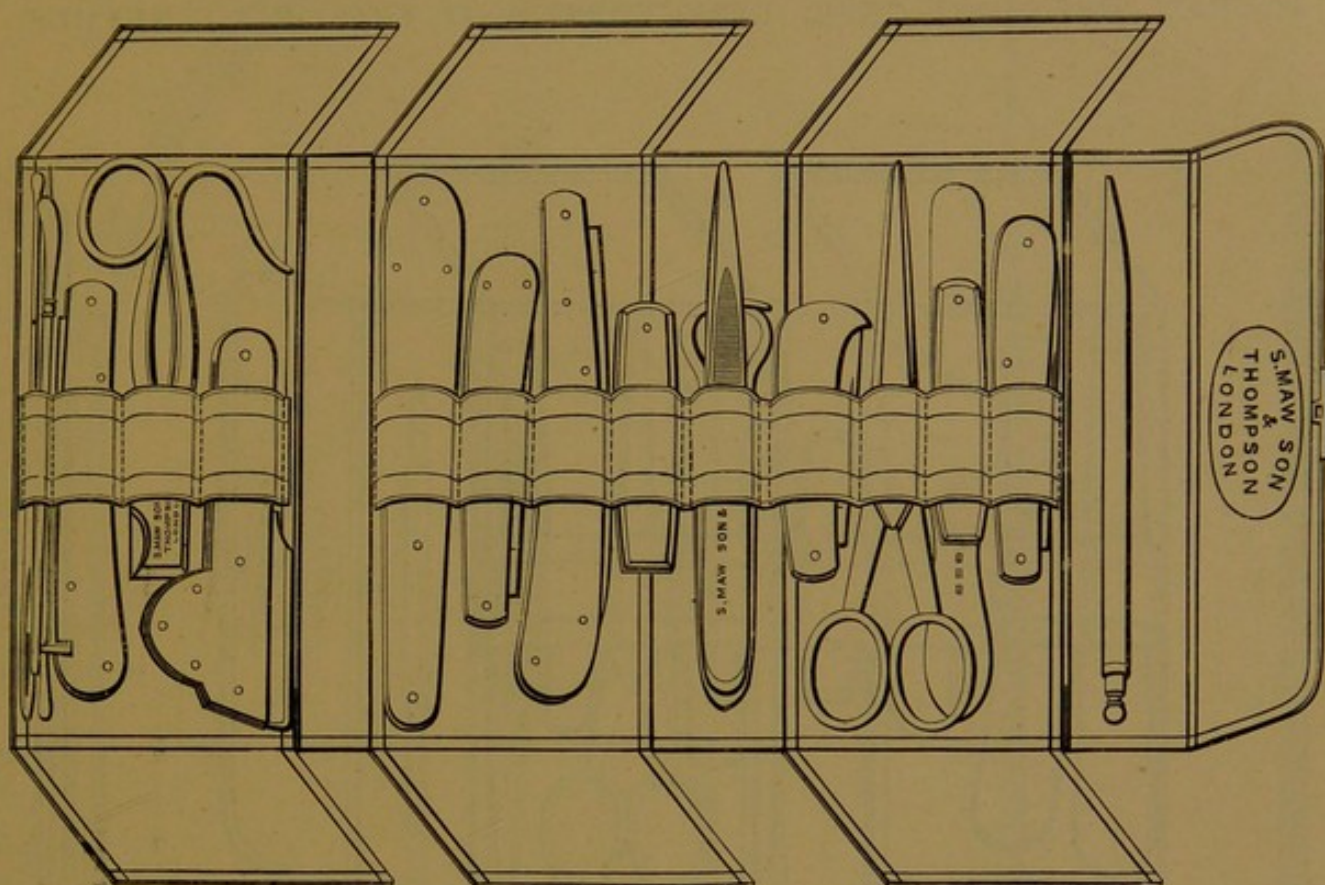
HOOK AND HAMMER, HOOK AND TENACULUM, MANE PULLER, MILKING TUBES, NICKING KNIFE, LANCET, AND NEEDLES.



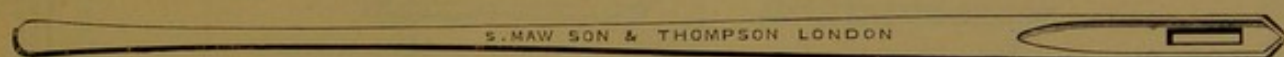
- Fig. 3. HOOK AND HAMMER.
 Fig. 4. HOOK AND TENACULUM.
 Fig. 5. LANCET AND NICKING KNIFE.
 Fig. 6. MANE PULLER.
 Fig. 7. } MILKING TUBES.
 Fig. 8. }

- Fig. 9. MILKING TUBE.
 Fig. 10. SUTURE NEEDLE, CURVED, TWO EYES.
 Fig. 11. SUTURE NEEDLE, HALF-CURVED, EYE AT POINT.
 Fig. 12. SUTURE NEEDLE, STRAIGHT, EYE AT POINT.

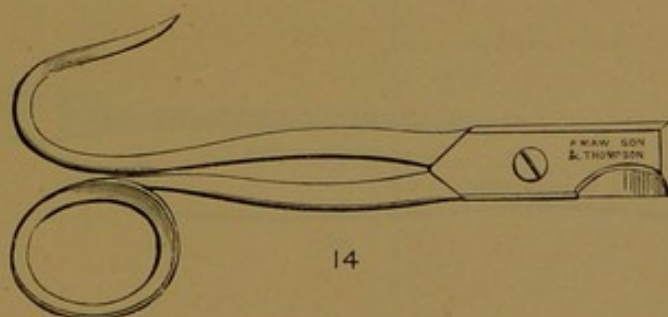
POCKET DRESSING CASE, ROWELLING BISTOURY, AND PROBE.



13



15



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Fig. 13. DRESSING CASE.—CONTAINS: SCALPEL, ABSCESS LANCET, BLEEDING LANCET, SPATULA, SCISSORS, CASTRATING KNIFE, FORCEPS, HOOK AND TENACULUM BISTOURY, NICKING KNIFE, SETON NEEDLE, FLEAM, ROWELLING BISTOURY, DRAWING KNIFE, TWO PROBES, DIRECTOR, NEEDLES.

Fig. 14. ROWELLING BISTOURY.

Fig. 15. PROBE.

POCKET DRESSING CASE, DIRECTORS, AND EXPLORING NEEDLE.

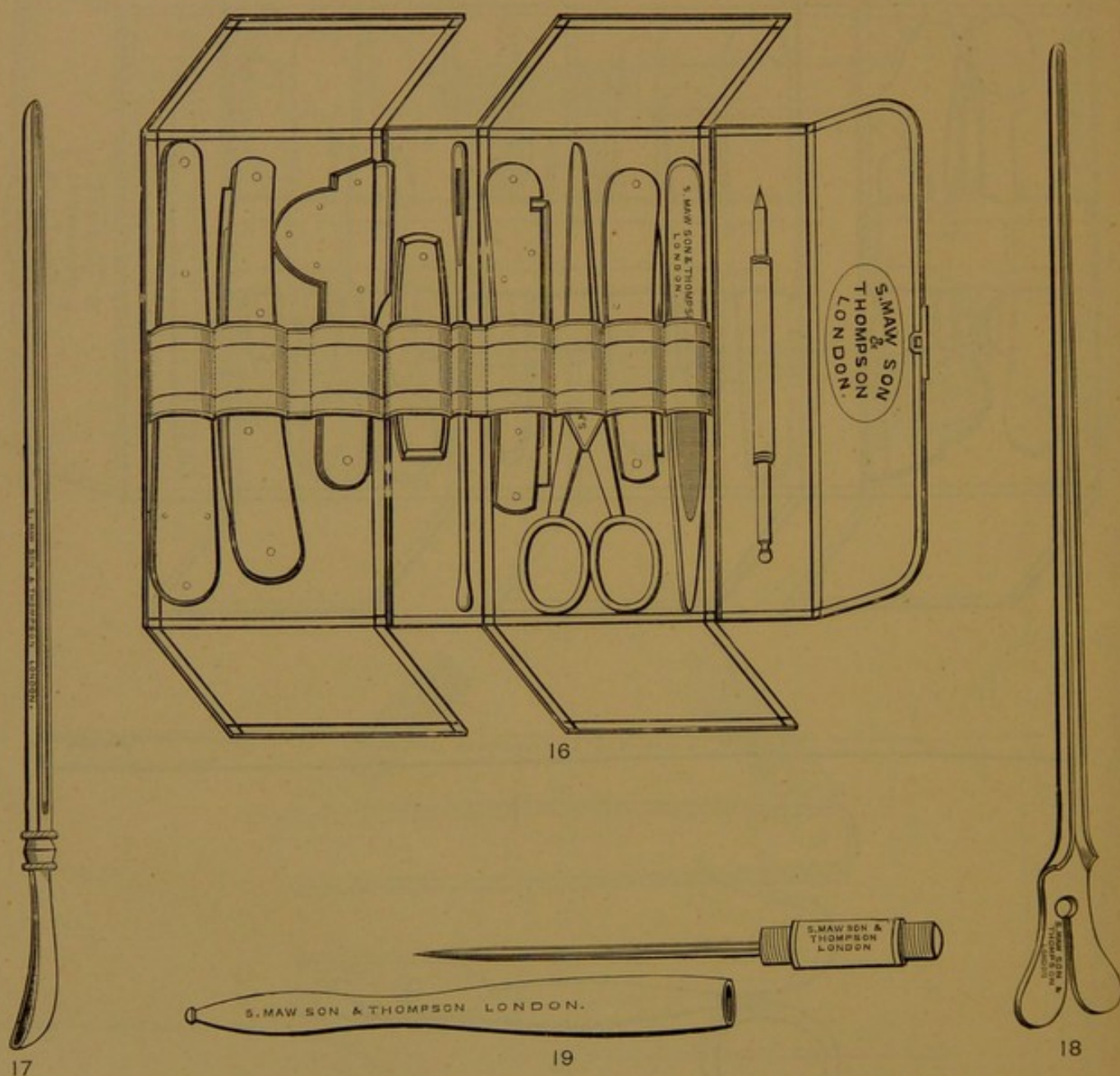


Fig. 16. DRESSING CASE.—CONTAINS: FORCEPS, FLEAM, SCALPEL, SCISSORS, DRAWING KNIFE, PROBE, LANCET, BISTOURY, SETON NEEDLE, SUTURE NEEDLES.

Fig. 17. DIRECTOR.

Fig. 18. DIRECTOR, WITH GUARD.

Fig. 19. EXPLORING NEEDLE.

PROBANGS.

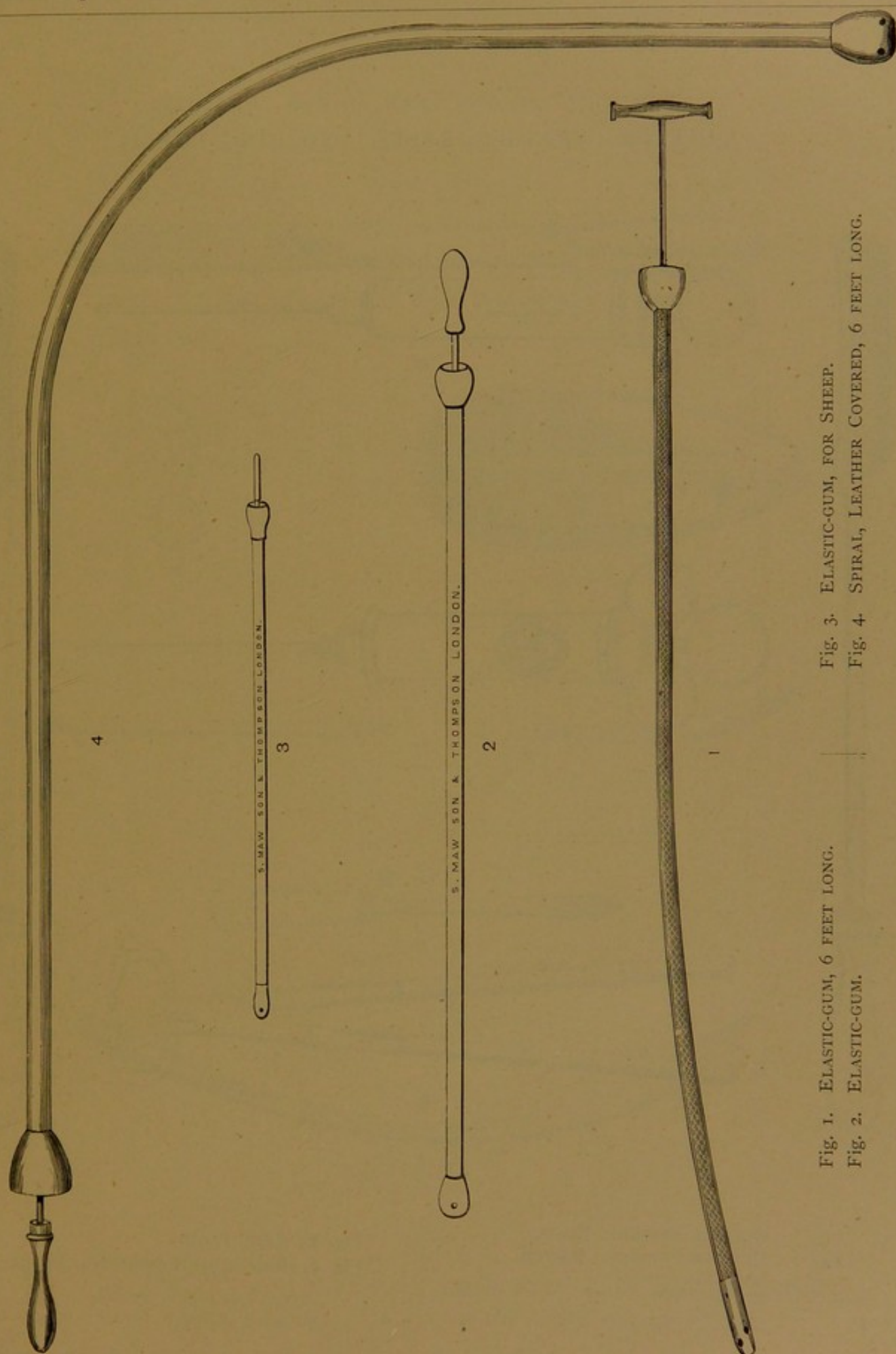


Fig. 1. ELASTIC-GUM, 6 FEET LONG.

Fig. 2. ELASTIC-GUM.

Fig. 3. ELASTIC-GUM, FOR SHEEP.

Fig. 4. SPIRAL, LEATHER COVERED, 6 FEET LONG.

QUITTOR SYRINGES, RASPS, AND RING PUNCH.

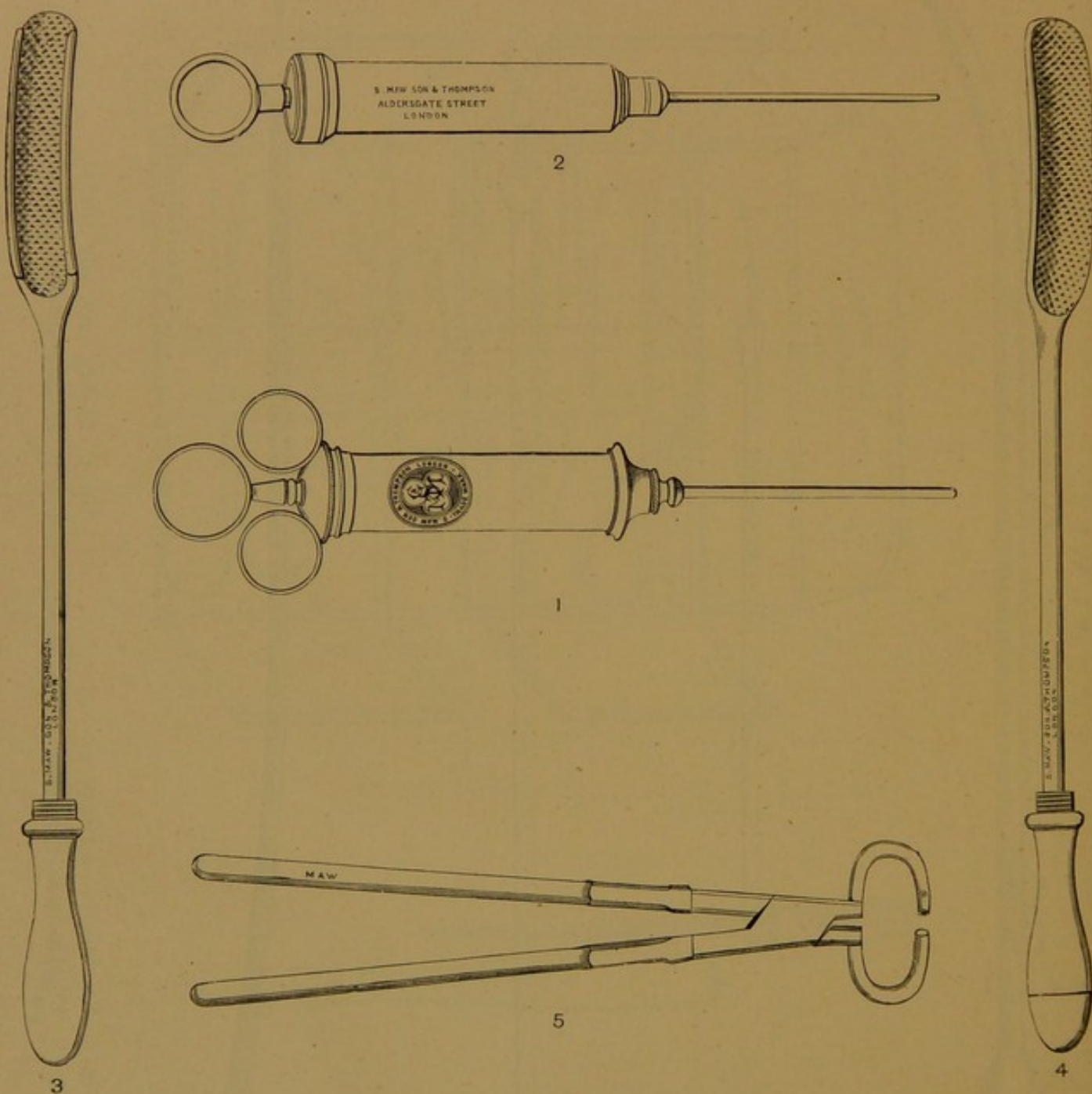
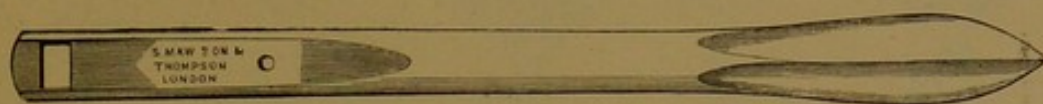


Fig. 1. QUITTOR SYRINGE, BRASS.
 Fig. 2. QUITTOR SYRINGE, PEWTER.
 Fig. 3. RASP, GUARDED.

Fig. 4. RASP, PLAIN.
 Fig. 5. RING NOSE PUNCH, FOR BULLS.

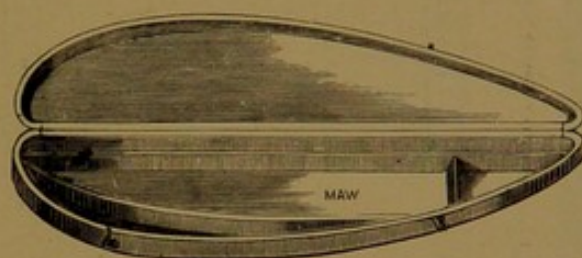
CUTTING HOOK AND SETON NEEDLES.



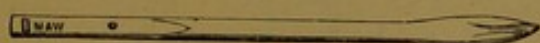
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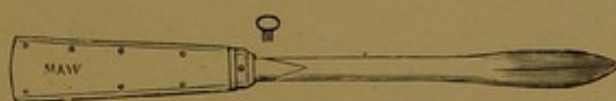
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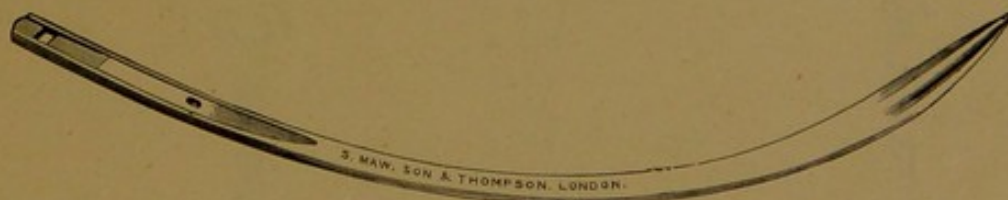
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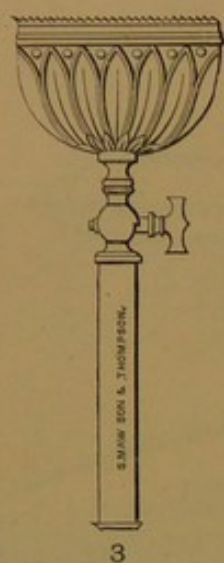


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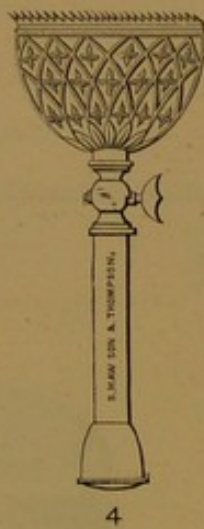
Fig. 6. CUTTING HOOK.
Fig. 7. SETON NEEDLE, CURVED.
Fig. 8. SETON NEEDLE, STRAIGHT.

Figs. 9 } THE SET OF THREE SETON NEEDLES,
to 12. } WITH HANDLE, IN CASE.

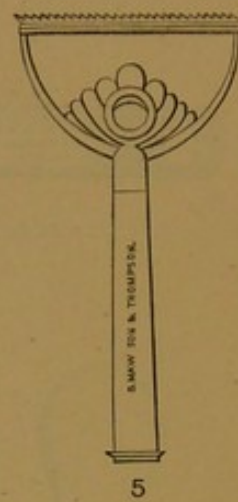
SINGEING LAMPS.



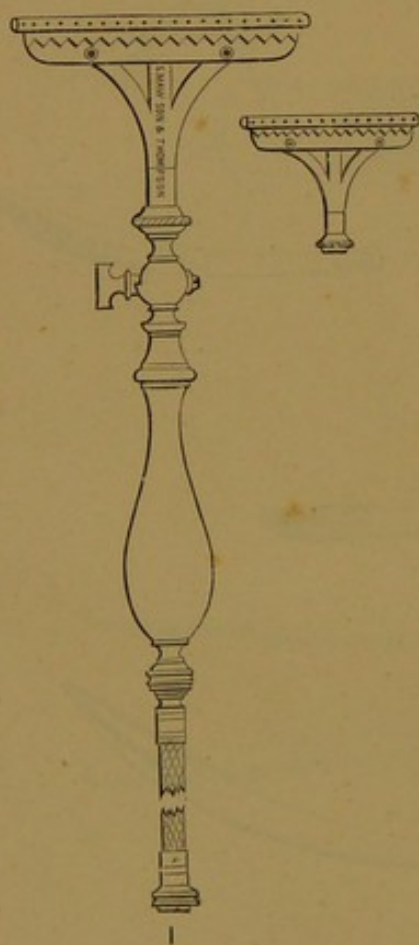
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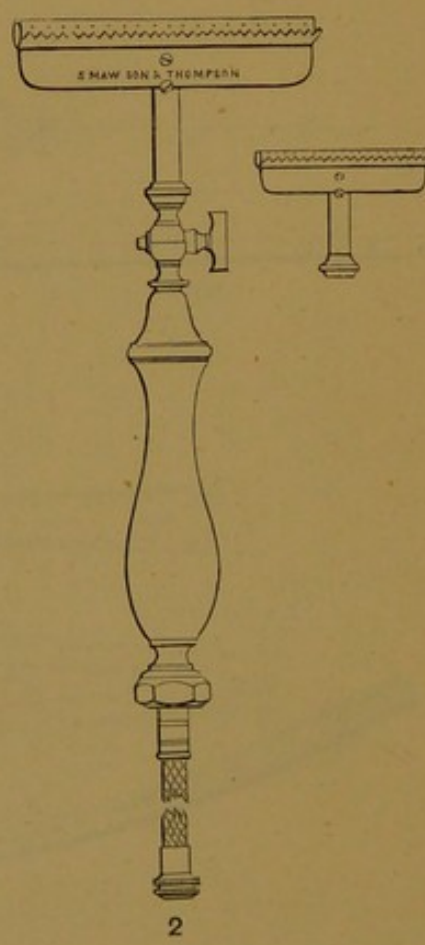
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Fig. 1. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 2. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 3. NAPHTHA SINGEING LAMP, PLAIN JOINT.

Fig. 4. NAPHTHA SINGEING LAMP, PLAIN JOINT.

Fig. 5. NAPHTHA SINGEING LAMP, PLAIN JOINT.

SINGEING LAMPS (Continued).

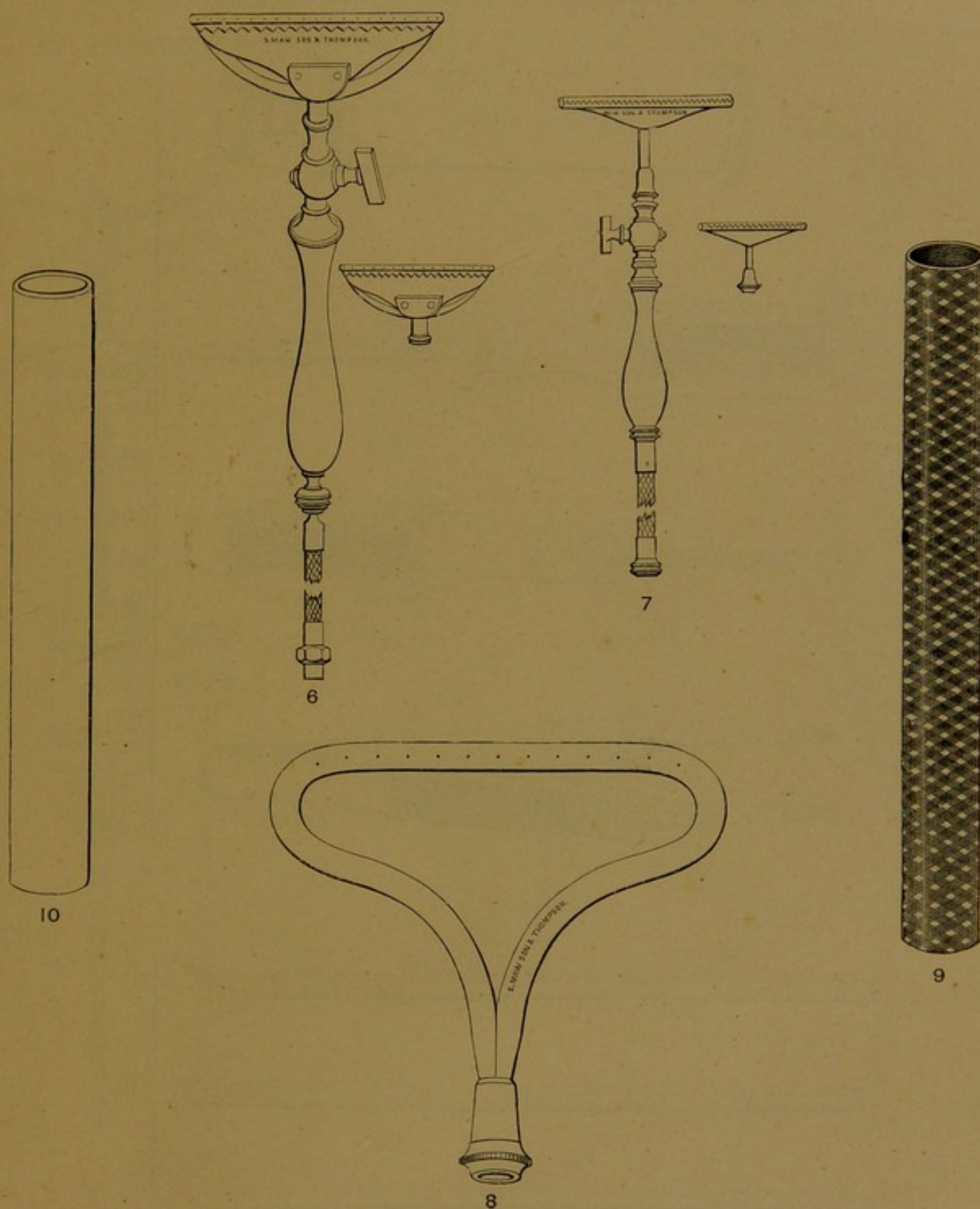


Fig. 6. GAS SINGEING LAMP, BALL AND SOCKET JOINT.

Fig. 7. GAS SINGEING LAMP, PLAIN JOINT.

Fig. 8. GAS SINGEING LAMP, PLAIN JOINT.

Fig. 9. TUBE FOR SINGEING LAMPS, ELASTIC-GUM.

Fig. 10. TUBE FOR SINGEING LAMPS, VULCANIZED RUBBER.

STURDY INSTRUMENTS AND SPAYING KNIVES.

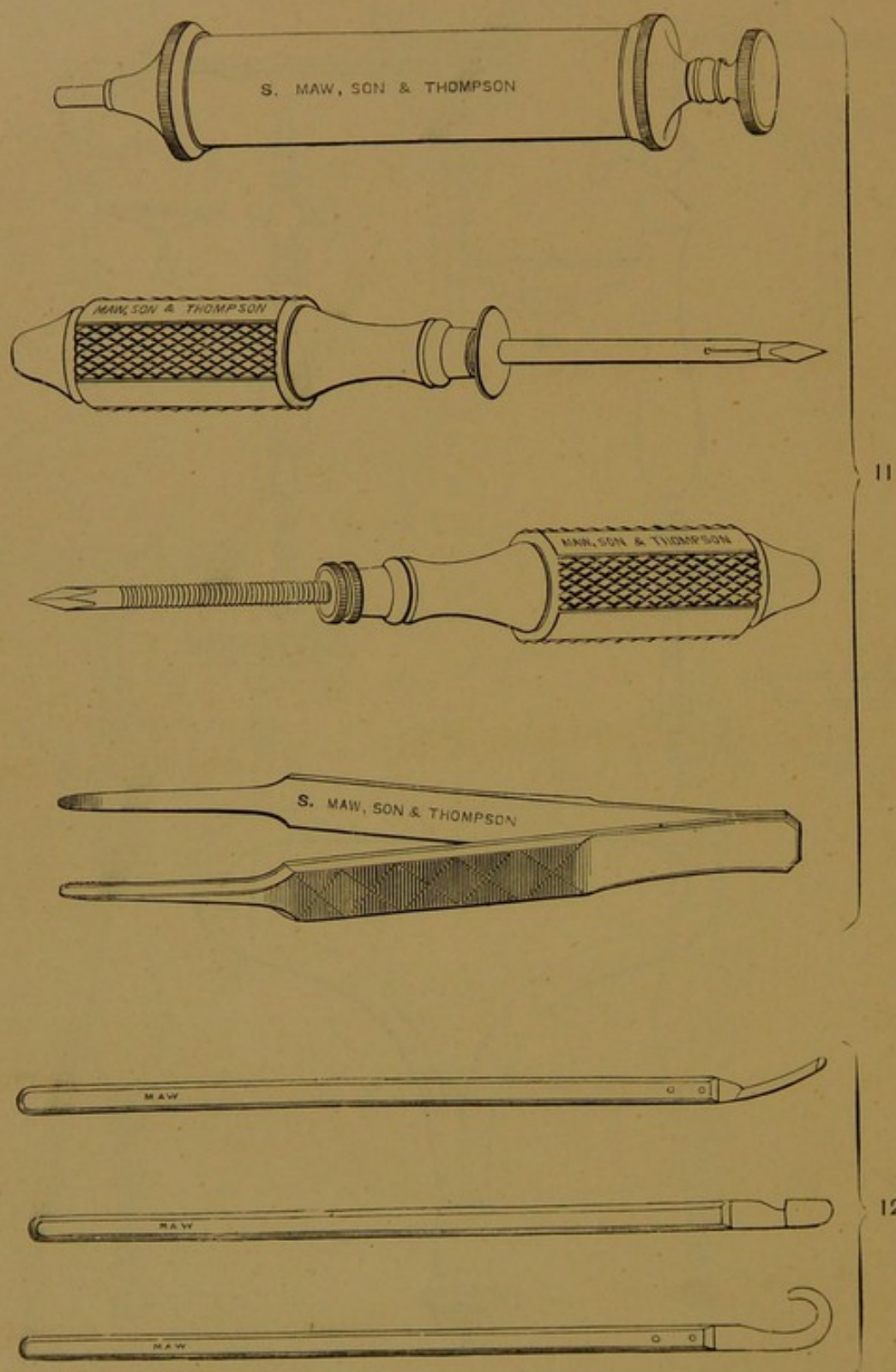


Fig. 11. STURDY INSTRUMENTS FOR SHEEP.

Fig. 12. SPAYING KNIVES, FOR HEIFERS.

STETHOSCOPES AND SYRINGES FOR SUBCUTANEOUS INJECTIONS.

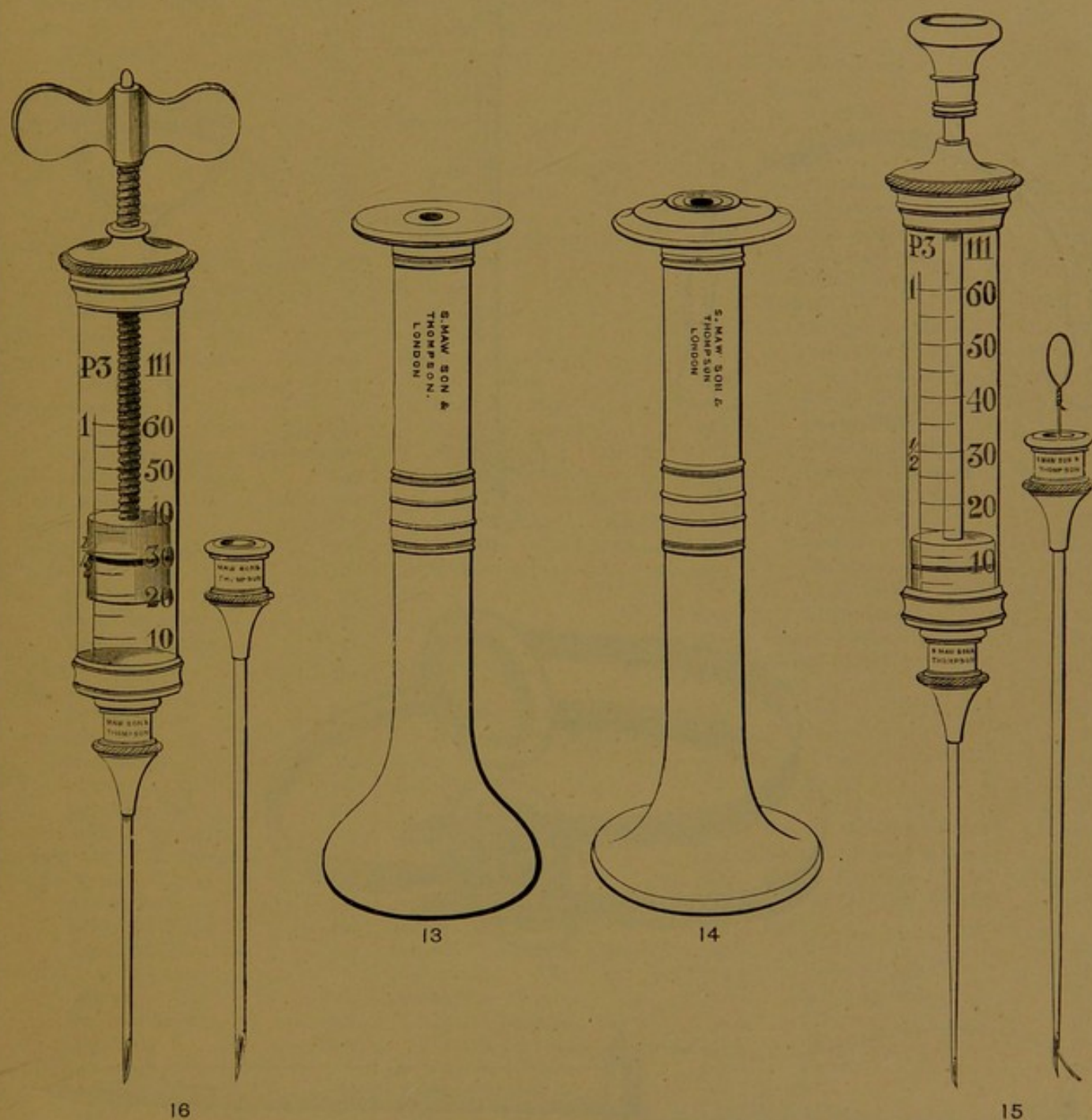


Fig. 13. STETHOSCOPE, CEDAR.

Fig. 14. STETHOSCOPE, CEDAR AND EBONY.

Fig. 15. SYRINGE, WITH SLIDE PISTON.

Fig. 16. SYRINGE, WITH SCREW PISTON.

SWEAT SCRAPERS, THOROUGH PIN TRUSS, TOOTH KEY, AND TROCAR.

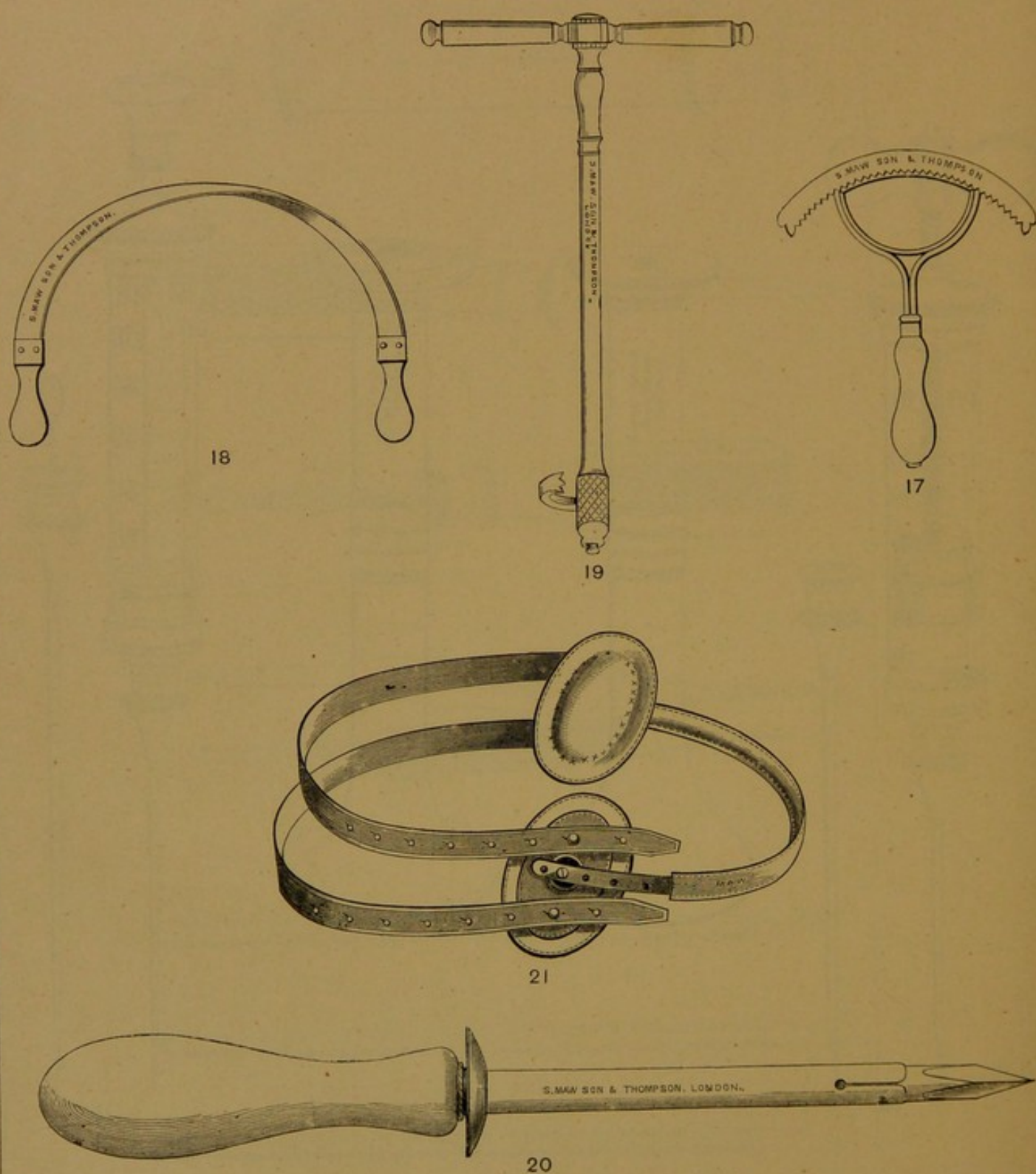


Fig. 17. SWEAT SCRAPER, FIXED HANDLE.
 Fig. 18. SWEAT SCRAPER.
 Fig. 19. TOOTH KEY.

Fig. 20. TROCAC, WITH GERMAN SILVER CANULA.
 Fig. 21. TRUSS, THOROUGH PIN.

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