

Specification of John Sullivan : apparatus for administering pills.

Contributors

Sullivan, John.

Publication/Creation

London : Great Seal Patent Office, 1872 (London : George E. Eyre and William Spottiswoode)

Persistent URL

<https://wellcomecollection.org/works/gvzp9sfw>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>



A.D 1872, 13th JANUARY. N° 111.

S P E C I F I C A T I O N

OF

JOHN SULLIVAN.

APPARATUS FOR ADMINISTERING PILLS.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 8d.

1872.



A.D. 1872, 13th JANUARY. N° 111.

Apparatus for Administering Pills.

LETTERS PATENT to John Sullivan, of the Village of Thornton, in the County of Simcoe, and Province of Ontario, Canada, for the Invention of "**IMPROVEMENTS IN APPARATUS FOR ADMINISTERING PILLS.**"

Sealed the 12th March 1872, and dated the 13th January 1872.

PROVISIONAL SPECIFICATION left by the said John Sullivan at the Office of the Commissioners of Patents, with his Petition, on the 13th January 1872.

I, JOHN SULLIVAN, of the Village of Thornton, in the County of Simcoe and Province of Ontario, Canada, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN APPARATUS FOR ADMINISTERING PILLS,**" to be as follows:—

Figure 1 is a perspective view of my device, and Figure 2 is a central vertical section of the same. Like letters indicate like parts in each Figure.

Sullivan's Improvements in Apparatus for Administering Pills.

The nature of this Invention relates to a device having for its object an easy and certain administration of pills to the patient, and it consists in the novel and peculiar construction of the same, which I will now proceed to describe.

In the Drawing A represents a vessel provided with a handle B and 5 spout C, in the general form of a teapot, but much smaller in size. The spout is flatted towards its extremity, to which is soldered, if it be made of metal, a downwardly inclined nozzle D, the shorter diameter of which should not exceed four-twentieths of an inch, for reasons which will be presently explained. To the end of the nozzle a horizontal 10 mouth piece E is secured, which is intersected at the top near the nozzle by an inclined pill chute F.

The difficulty of administering pills and powders to all children and very many adults is well known, to overcome which is the object of this Invention, which is used in the following manner:—The vessel is 15 partially filled with tea, milk, or other palatable fluid. The attendant, taking it by the handle in one hand, with the pill in the other, presents the mouth piece to the mouth of the patient, tilts the vessel so that the patient can drink the fluid, dropping the pill down the chute, which is immediately swallowed by the patient with the fluid. If several pills 20 are to be given they should be dropped in the chute at intervals, so that a swallow of the fluid may intervene, thus rendering their administration certain and without the knowledge of the patient.

Powders may be given in like manner; nauseous powders may be made into pills and given as before described.

25

The object in flattening the mouth of the nozzle to the diameter given, is that it shall form a trap so that the pill cannot accidentally pass into the vessel. A perforated strainer in the nozzle might accomplish the same purpose, but it would diminish the flow of the fluid and impair the efficiency of the device. A strainer may be placed at the bottom of 30 the spout, as shewn, to prevent tea leaves, &c., from passing out.

This device may be made of any kind of metal, glass, china, earthenware, or of any other suitable material, and may be varied in form to suit the taste.

Sullivan's Improvements in Apparatus for Administering Pills.

What I claim as my Invention, and desire to secure by Letters Patent, is the device for administering pills, consisting essentially of the vessel A provided with handle B and spout C, the latter being extended to form the inclined nozzle D and mouth piece E, intersected by the
5 inclined pill chute F, substantially as described.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said John Sullivan in the Great Seal Patent Office on the 9th May 1872.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JOHN
10 **SULLIVAN**, of the Village of Thornton, in the County of Simcoe, and Province of Ontario, Canada, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Thirteenth day of January, in the year of our Lord One thousand eight hundred and seventy-two, in the
15 thirty-fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said John Sullivan, Her special license that I, the said John Sullivan, my executors, administrators, and assigns, or such others as I, the said John Sullivan, my executors, administrators, and assigns, should at any time agree with, and no
20 others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**IMPROVEMENTS IN APPARATUS FOR ADMINISTERING PILLS**," upon the condition (amongst others)
25 that I, the said John Sullivan, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within
30 six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said John Sullivan, do hereby declare the nature of the said Invention, and in what manner the same is to

Sullivan's Improvements in Apparatus for Administering Pills.

be performed, to be particularly described and ascertained in and by the following statement thereof, that is to say :—

Figure 1 is a perspective view of my device, and Fig. 2 is a central vertical section of the same. Like letters indicate like parts in each Figure.

5

The nature of this Invention relates to a device having for its object an easy and certain administration of pills to the patient, and it consists in the novel and peculiar construction of the same, which I will now proceed to describe.

In the Drawing A represents a vessel provided with a handle B and 10 spout C, in the general form of a teapot, but much smaller in size. The spout is flattened toward its extremity, to which is soldered, if it be made of metal, a downwardly inclined nozzle D, the shorter diameter of which should not exceed four-twentieths of an inch, for reasons which will be presently explained. To the end of the nozzle a horizontal 15 mouth piece E is secured, which is intersected at the top near the nozzle by an inclined pill chute F.

The difficulty of administering pills and powders to all children and very many adults is well known, to overcome which is the object of this Invention, which is used in the following manner :—The vessel is 20 partially filled with tea, milk, or other palatable fluid. The attendant, taking it by the handle in one hand, with the pill in the other, presents the mouth piece to the mouth of the patient, tilts the vessel so that the patient can drink the fluid, dropping the pill down the chute, which is immediately swallowed up by the patient with the fluid. If several pills 25 are to be given they should be dropped in the chute at intervals, so that a swallow of the fluid may intervene, thus rendering their administration certain and without the knowledge of the patient.

Powders may be given in like manner; nauseous powders may be made into pills and given as before described.

30

The object in flattening the mouth of the nozzle to the diameter given, is that it shall form a trap so that the pill cannot accidentally pass into the vessel. A perforated strainer in the nozzle might accomplish the same purpose, but it would diminish the flow of the fluid and impair the efficiency of the device. A strainer may be placed at the bottom of 35 the spout, as shewn, to prevent tea leaves, &c., from passing out.

Sullivan's Improvements in Apparatus for Administering Pills.

This device may be made of any kind of metal, glass, china, earthenware, or of any other suitable material, and may be varied in form to suit the taste.

What I claim as my Invention, and desire to secure by Letters Patent,
5 is the device for administering pills, consisting essentially of the vessel A provided with handle B and spout C, the latter being extended to form the inclined nozzle D and mouth piece E, intersected by the inclined pill chute F, substantially as described.

10 In witness whereof, I, the said John Sullivan, have hereunto set my hand and seal, this 23rd day of March, in the year of our Lord One thousand eight hundred and seventy-two.

JOHN SULLIVAN. (L.S.)

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1872.

Sullivan's Invention in a Apparatus for Administering Pills.

This device may be made of any kind of metal, glass, china, earthen-ware or of any other suitable material, and may be varied in form to suit the taste.

What I claim as my invention, and desire to secure by Letters Patent, is the device for administering pills, consisting essentially of the vessel A provided with handle B and spout C, the latter being extended to form the inclined nozzle D and mouth piece E, intersected by the inclined pill chute F, adjustably as described.

In witness whereof, I, the said John Sullivan, have hereunto set my hand and seal, this 23rd day of March, in the year of our Lord One thousand eight hundred and seventy-two.

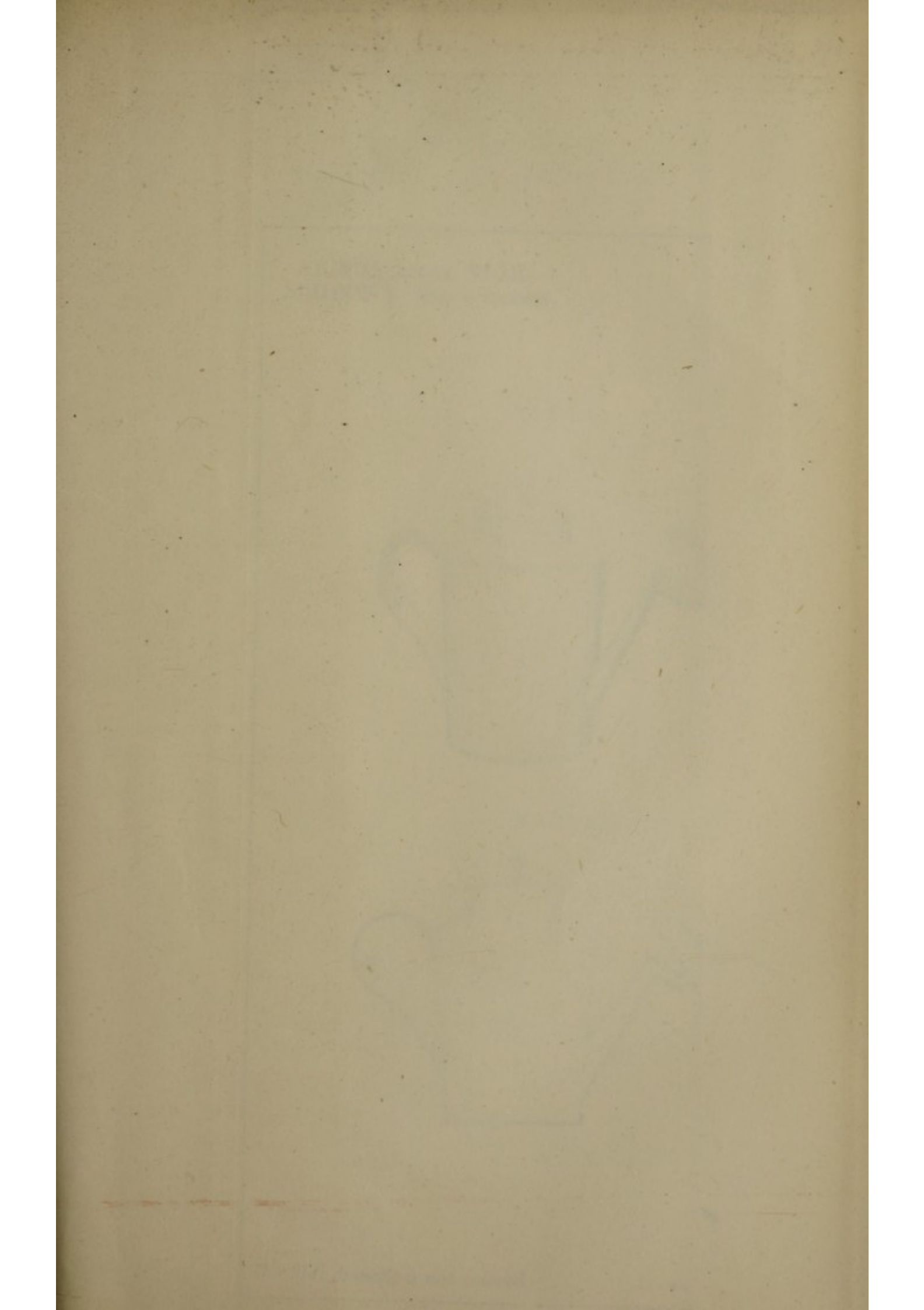
JOHN SULLIVAN. (L.S.)

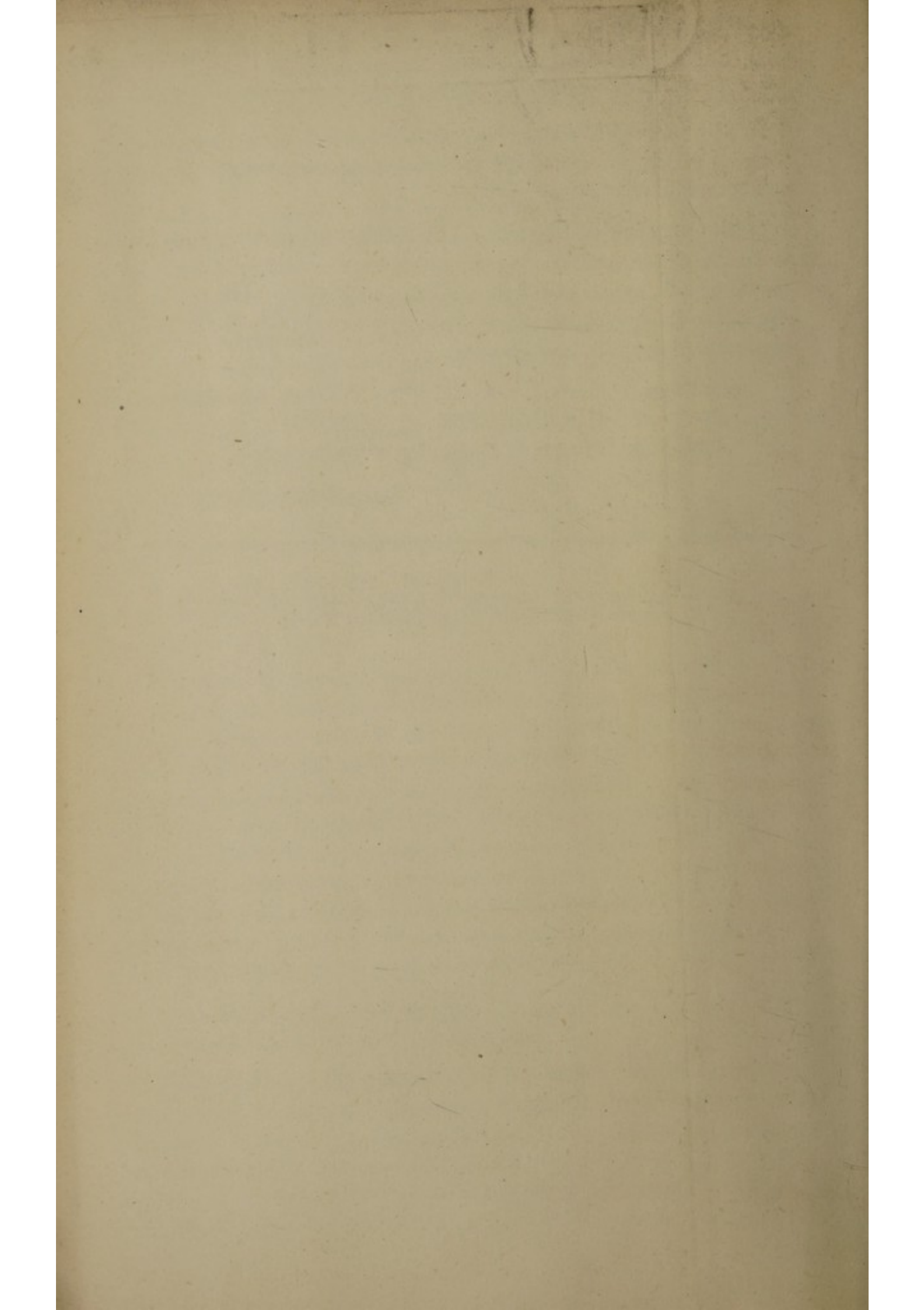
Witness my hand and seal, this 23rd day of March, in the year of our Lord One thousand eight hundred and seventy-two.

Printed by GEORGE EDWARD RYAN and WILLIAM STEVENSON, Printers to the Queen's most Excellent Majesty, 1872.

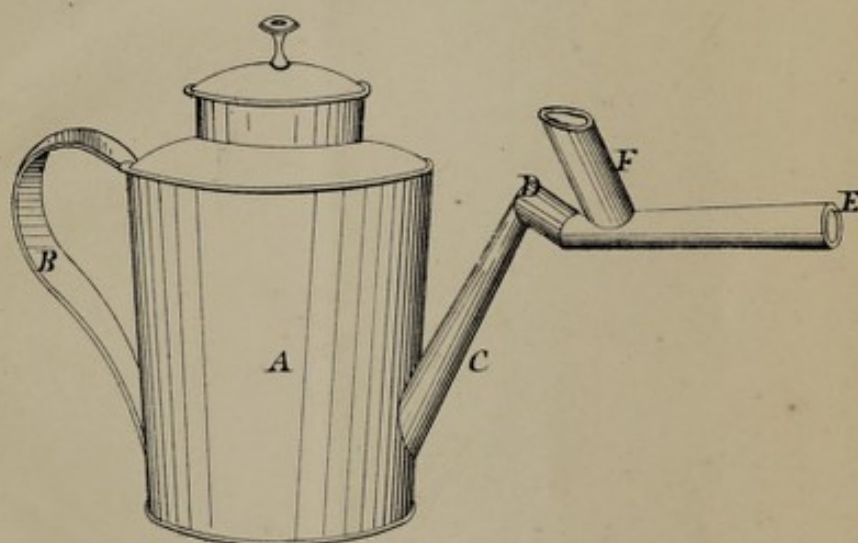
Printed by GEORGE EDWARD RYAN and WILLIAM STEVENSON, Printers to the Queen's most Excellent Majesty, 1872.

Printed by GEORGE EDWARD RYAN and WILLIAM STEVENSON, Printers to the Queen's most Excellent Majesty, 1872.

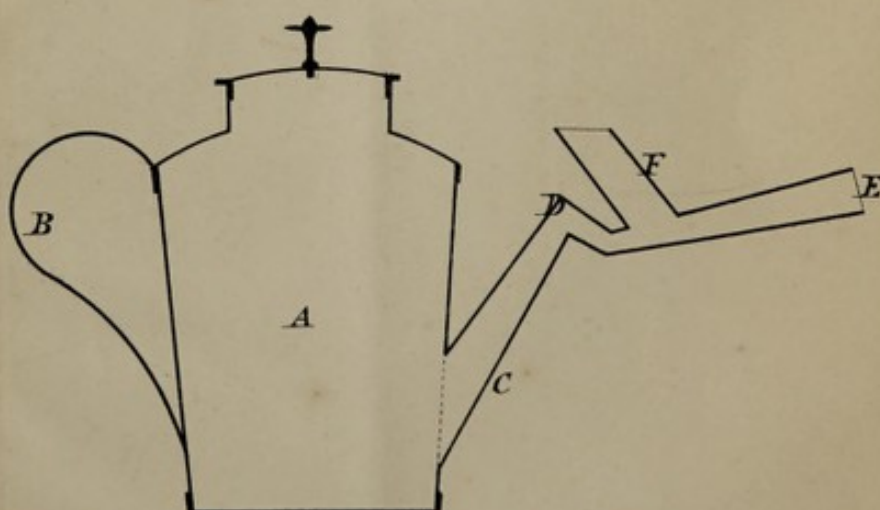




F I C . 1 .



F I C . 2 .



The filed drawing is not colored.

Drawn on Stone by Malby & Sons.

A.D.1872.JAN.13. N^o 111.
SULLIVAN'S PROVISIONAL SPECIFICATION.

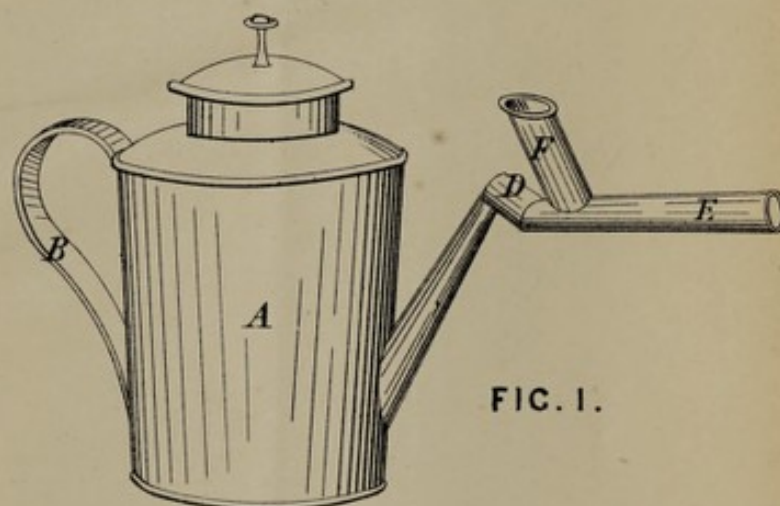


FIG. 1.

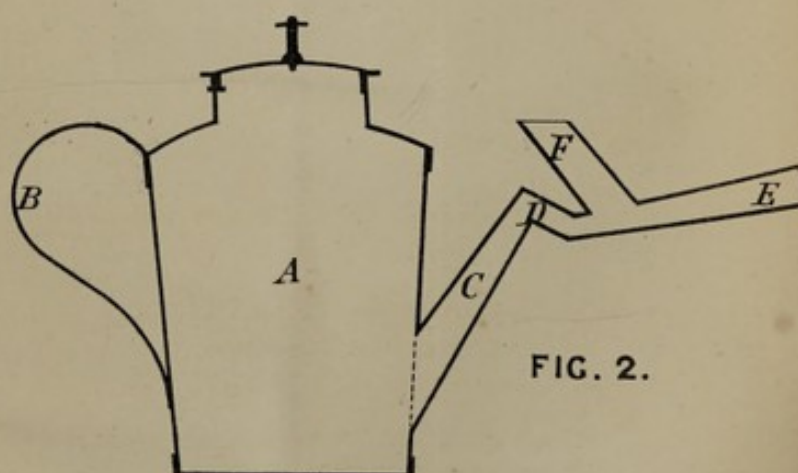


FIG. 2.

The drawing left with Provisional Specification is not colored.

Drawn on Stone by Malby & Sons.

AND WITH LABEL NO. 111
THE INTERNATIONAL EXHIBITION



FIG. 1.

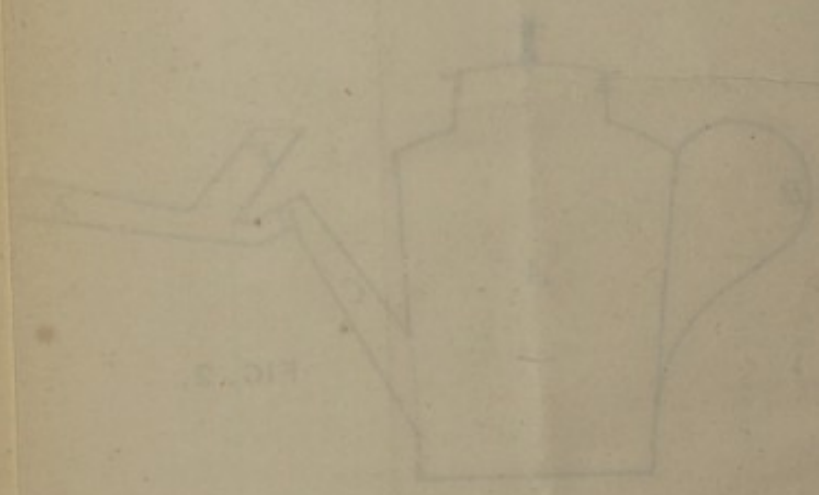


FIG. 2.