

# **Specification of Richard Archibald Brooman : reflector for examining and facilitating operations in the throat.**

## **Contributors**

Brooman, Richard Archibald.

## **Publication/Creation**

London : Great Seal Patent Office, 1866 (London : George E. Eyre and William Spottiswoode)

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A.D. 1865, 24th JULY. N<sup>o</sup> 1921.

SPECIFICATION

OF

RICHARD ARCHIBALD BROOMAN.

REFLECTOR FOR EXAMINING AND  
FACILITATING OPERATIONS IN THE THROAT.

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 10d.

1866.





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A.D. 1865, 24th JULY. N° 1921.

**Reflector for Examining and Facilitating Operations  
in the Throat.**

**LETTERS PATENT** to Richard Archibald Brooman, of 166, Fleet Street, in the City of London, Patent Agent, for the Invention of "A NEW OR IMPROVED INSTRUMENT TO BE EMPLOYED IN EXAMINING AND FACILITATING OPERATIONS IN THE THROAT."—A communication from abroad by Philippe Othon de Clermont, of Paris, France.

Sealed the 19th January 1866, and dated the 24th July 1865.

**PROVISIONAL SPECIFICATION** left by the said Richard Archibald Brooman at the Office of the Commissioners of Patents, with his Petition, on the 24th July 1865.

I, RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, do hereby declare the nature of the said Invention for "A NEW OR IMPROVED INSTRUMENT TO BE EMPLOYED IN EXAMINING AND FACILITATING OPERATIONS IN THE THROAT," to be as follows:—

This instrument is composed of two jaws or branches hinged or pivoted to each other, and constructed as hereafter described and shewn in the annexed Drawings.

Figure 1 is a side view of the instrument partly open; Figure 2 is a plan of the upper, and Figure 3 of the lower jaw. *a, b*, are the two jaws pivoted to each other at *c* through the rings *f, f*<sup>1</sup>, formed on them. The upper jaw *a*



*Brooman's Reflector for Examining and Facilitating Operations in the Throat.*

is provided with a handle  $a^1$ , and from the point  $c$  to the fore end  $d$  it is bent or curved. The fore end carries a reflector  $e$  to reflect the interior of the throat. When the instrument is closed the fore end  $h$  of the lower jaw is kept by the action of a spring  $g$  against the under side of the upper jaw  $a$ . When the instrument is inserted in the mouth the handle is moved and the jaw  $a$  bears against the palate, while the jaw  $b$  forces forward the base of the tongue and exposes the epiglottis. A body of light is directed on to the reflector, and the space between the jaws of the instrument allows of the insertion of any other instrument desired.

**SPECIFICATION** in pursuance of the conditions of the Letters Patent, filed 10  
by the said Richard Archibald Brooman in the Great Seal Patent Office  
on the 24th January 1866.

**TO ALL TO WHOM THESE PRESENTS SHALL COME**, I, RICHARD  
ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent  
Agent, send greeting. 15

**WHEREAS** Her most Excellent Majesty Queen Victoria, by Her Letters  
Patent, bearing date the Twenty-fourth day of July, in the year of our Lord  
One thousand eight hundred and sixty-five, in the twenty-ninth year of Her  
reign, did, for Herself, Her heirs and successors, give and grant unto me,  
the said Richard Archibald Brooman, Her special licence that I, the said 20  
Richard Archibald Brooman, my executors, administrators, and assigns, or  
such others as I, the said Richard Archibald Brooman, my executors,  
administrators, and assigns, should at any time agree with, and no 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 25  
the United Kingdom of Great Britain and Ireland, the Channel Islands,  
and Isle of Man, an Invention for "**A NEW OR IMPROVED INSTRUMENT TO  
BE EMPLOYED IN EXAMINING AND FACILITATING OPERATIONS IN THE THROAT,**"  
(communicated to me from abroad by Philippe Othon de Clermont, of Paris,  
France), upon the condition (amongst others) that I, the said Richard 30  
Archibald Brooman, my executors or administrators, by an instrument in  
writing under my, or their, or one of their hands and seals, should par-  
ticularly 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 six calendar months next and 35  
immediately after the date of the said Letters Patent.



*Brooman's Reflector for Examining and Facilitating Operations in the Throat.*

NOW KNOW YE, that I, the said Richard Archibald Brooman, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, reference being had to the Drawings hereunto  
5 annexed, that is to say :—

This instrument is composed of two jaws or branches hinged or pivoted to each other, and constructed as hereafter described and shewn in the annexed Drawings.

Figure 1 is a side view of the instrument partly open ; Figure 2 is a plan  
10 of the upper, and Figure 3 a plan of the lower jaw ; Figure 4 shows the instrument as in use. *a*, *b*, are the two jaws pivoted to each other at *c* through the rings *f*, *f*<sup>1</sup>, formed on them. The upper jaw *a* is provided with a handle *a*<sup>1</sup>, and from the point *c* to the fore end *d* it is bent or curved. The fore end carries a reflector *e* to reflect the interior of the throat. When the  
15 instrument is closed the fore end *h* of the lower jaw is kept by the action of a spring *g* against the under side of the upper jaw *a*. When the instrument is inserted in the mouth the handle is moved and the jaw *a* bears against the palate, while the jaw *b* forces forward the base of the tongue and exposes the epiglottis. A body of light is directed on to the reflector, and the space  
20 between the jaws of the instrument allows of the insertion of any other instrument desired.

And having now described the nature of the said Invention, and in what manner the same is to be performed, I declare that I claim the new or improved instrument constructed substantially in manner and for the purpose  
25 herein-before described and represented in the accompanying Drawings.

In witness whereof, I, the said Richard Archibald Brooman, have hereunto set my hand and seal, this Twenty-fourth day of January, One thousand eight hundred and sixty-six.

R. A. BROOMAN. (L.S.)

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LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen's most Excellent Majesty. 1866.



Thromann's Reflector for Examining and Investigating Operations in the Throat.

NOW KNOW YE, that I, the said Richard Archibald Thromann, do hereby declare the nature of the said invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement thereof, reference being had to the Drawings hereunto annexed, that is to say:—

This instrument is composed of two jaws or branches hinged or pivoted to each other, and constructed as hereafter described and shown in the annexed Drawings.

Figure 1 is a side view of the instrument partly open; Figure 2 is a plan of the upper, and Figure 3 a plan of the lower jaw; Figure 4 shows the instrument as in use. *a, b*, are the two jaws pivoted to each other at *c* through the rings *x, y*, formed on them. The upper jaw *a* is provided with a handle *a'*, and from the point *c* to the fore end *d* it is bent or curved. The fore end carries a reflector *e* to reflect the interior of the throat. When the instrument is closed the fore end *d* of the lower jaw is kept by the action of a spring *y* against the under side of the upper jaw *a*. When the instrument is inserted in the mouth the handle is moved and the jaw *a* bears against the palate, while the jaw *b* forces forward the base of the tongue and exposes the epiglottis. A body of light is directed on to the reflector, and the space between the jaws of the instrument allows of the insertion of any other instrument desired.

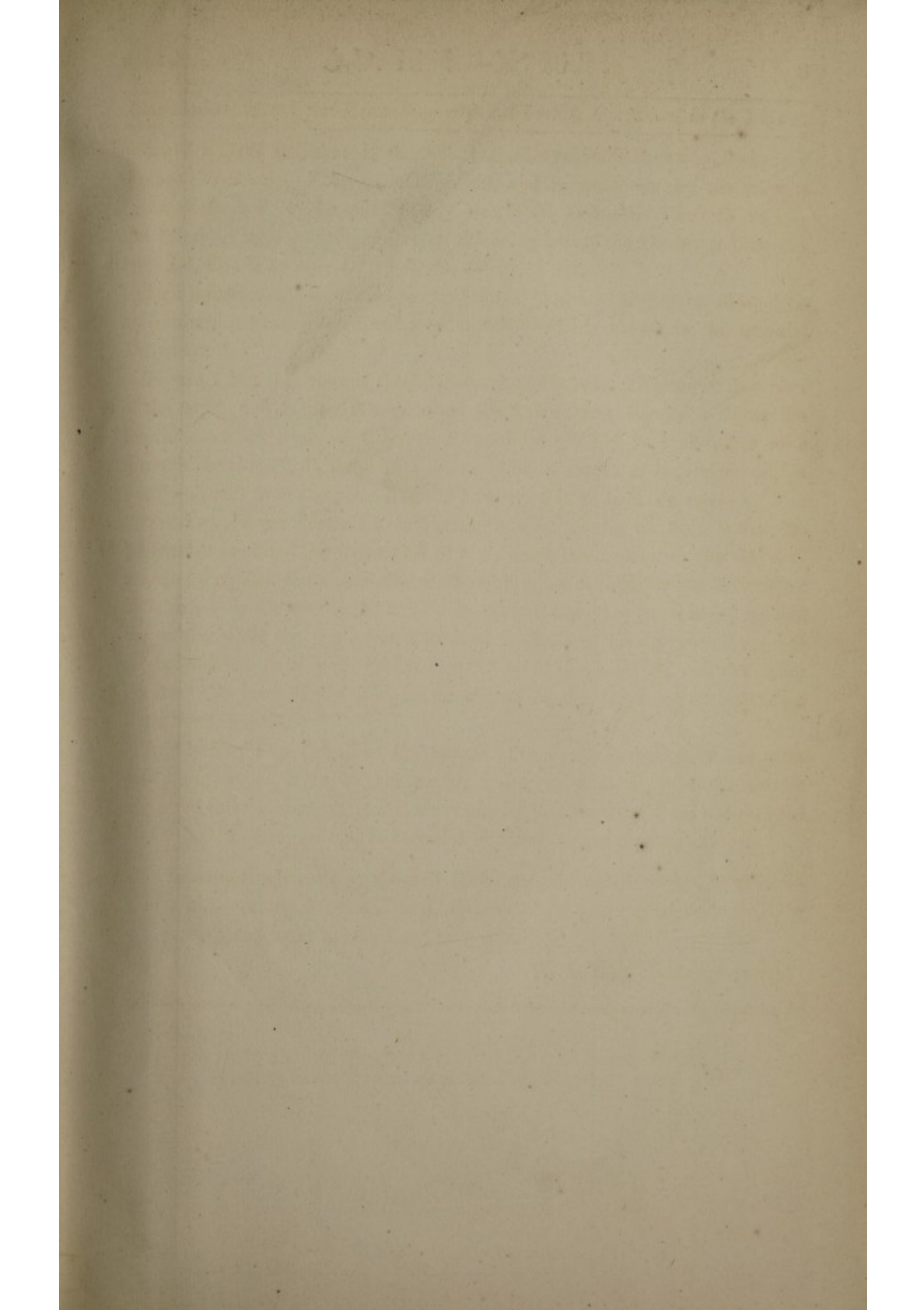
And having now described the nature of the said invention, and in what manner the same is to be performed, I declare that I claim the now or improved instrument constructed substantially in manner and for the purpose hereinbefore described and represented in the accompanying Drawings.

In witness whereof, I, the said Richard Archibald Thromann, have hereunto set my hand and seal, this Twenty-fourth day of January, One thousand eight hundred and sixty-six.

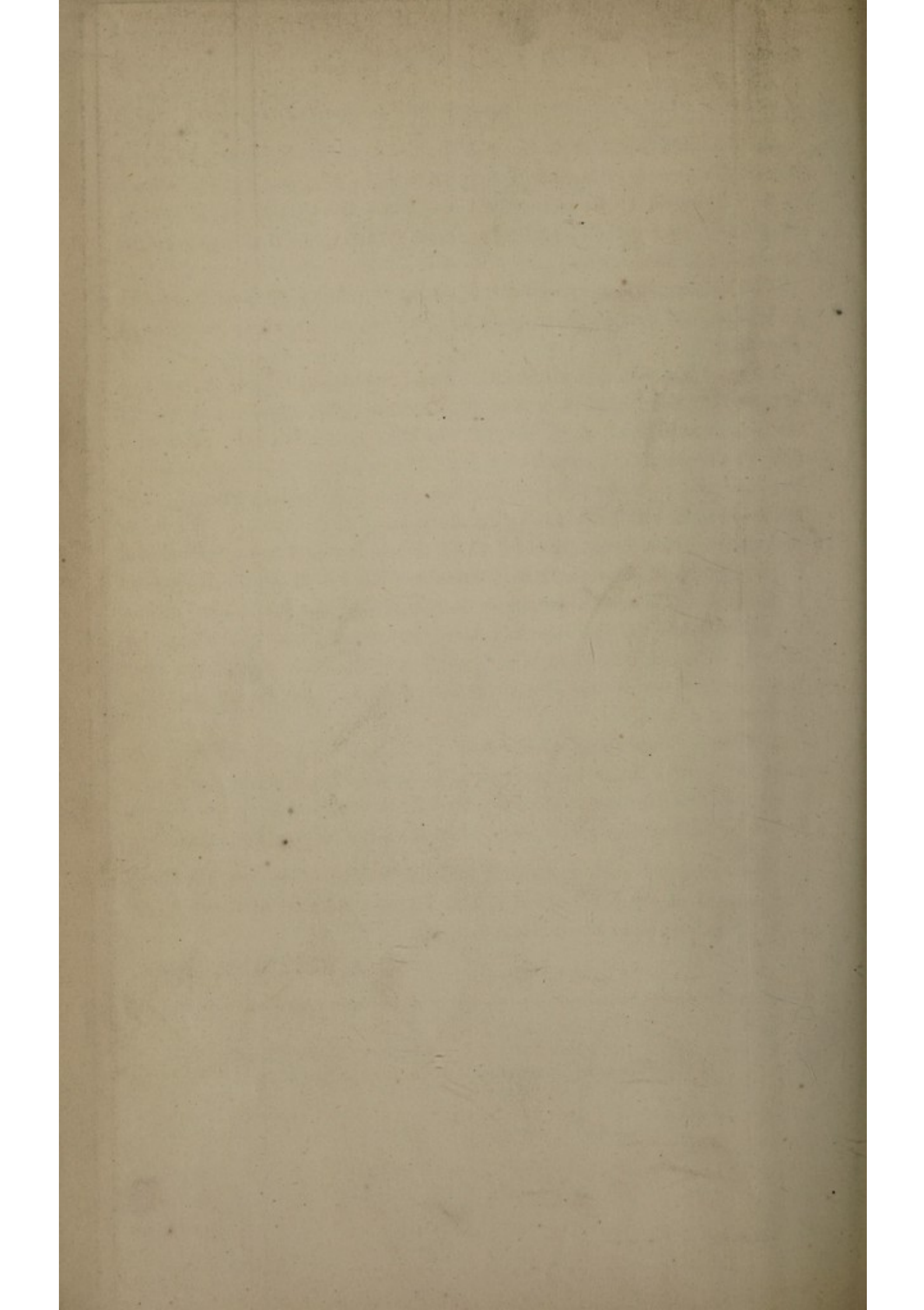
R. A. THROMANN. (s.s.)

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Printers to the Queen's most Excellent Majesty. 1866.







A.D. 1865, JULY 24, N<sup>o</sup> 1921,  
BROOMAN'S PROVISIONAL SPECIFICATION.

FIG. 2.

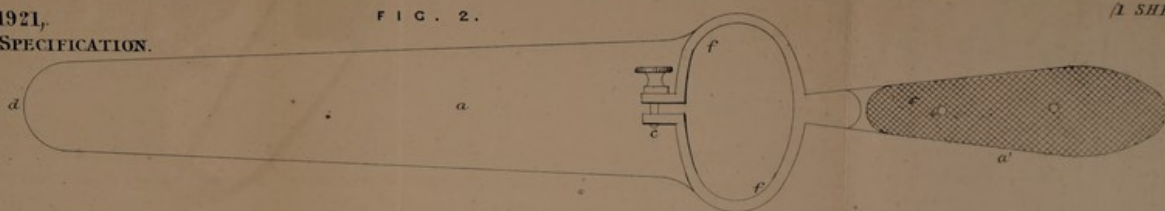


FIG. 1.

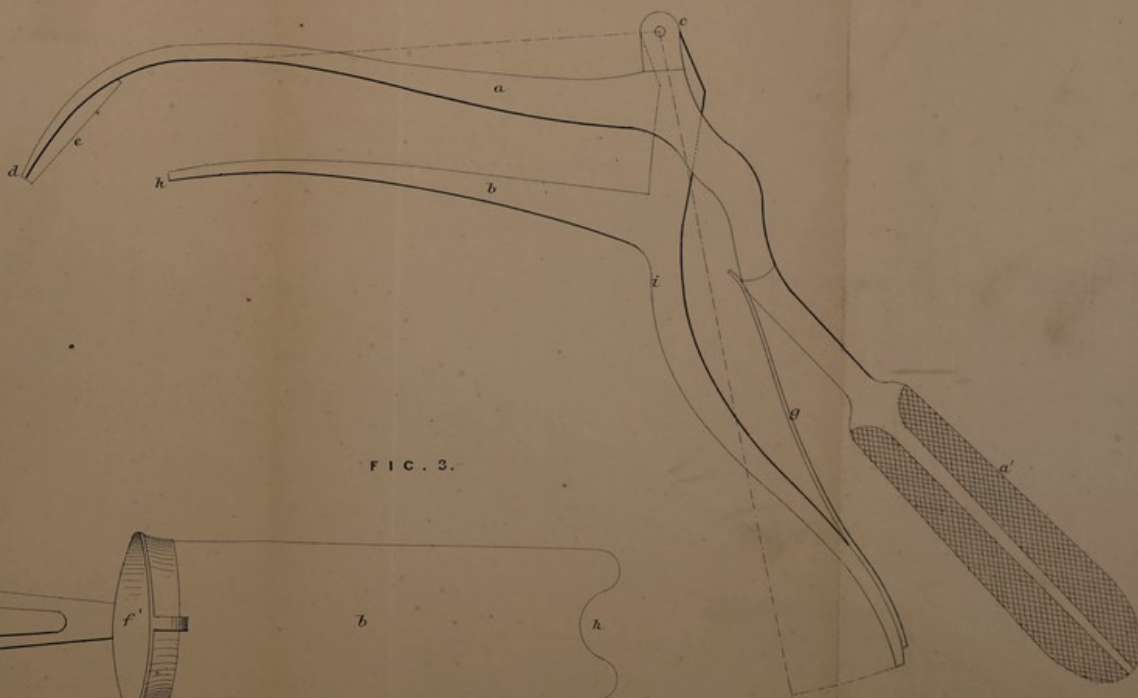
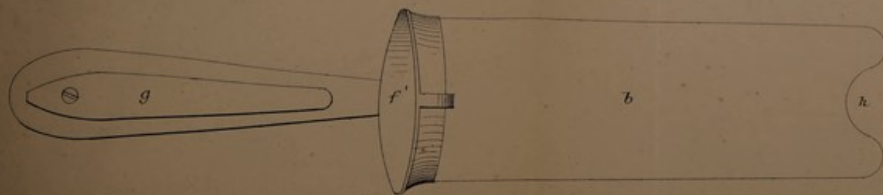


FIG. 3.



The drawing left with Provisional Specification is partly colored

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Printers to the Queen's most Excellent Majesty. 1866.





FIG. 2.



FIG. 1.



FIG. 3.

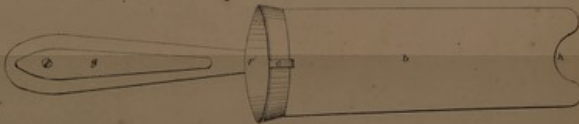


FIG. 4.



The filed drawing is not colored.

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