

Specification of William Brown Roof : respirator.

Contributors

Rooff, William Brown.

Publication/Creation

London : Great Seal Patent Office, 1863 (London : George E. Eyre and William Spottiswoode)

Persistent URL

<https://wellcomecollection.org/works/vt93esbs>

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. 1863, 9th FEBRUARY. N° 360.

SPECIFICATION

OF

WILLIAM BROWN ROOFF.

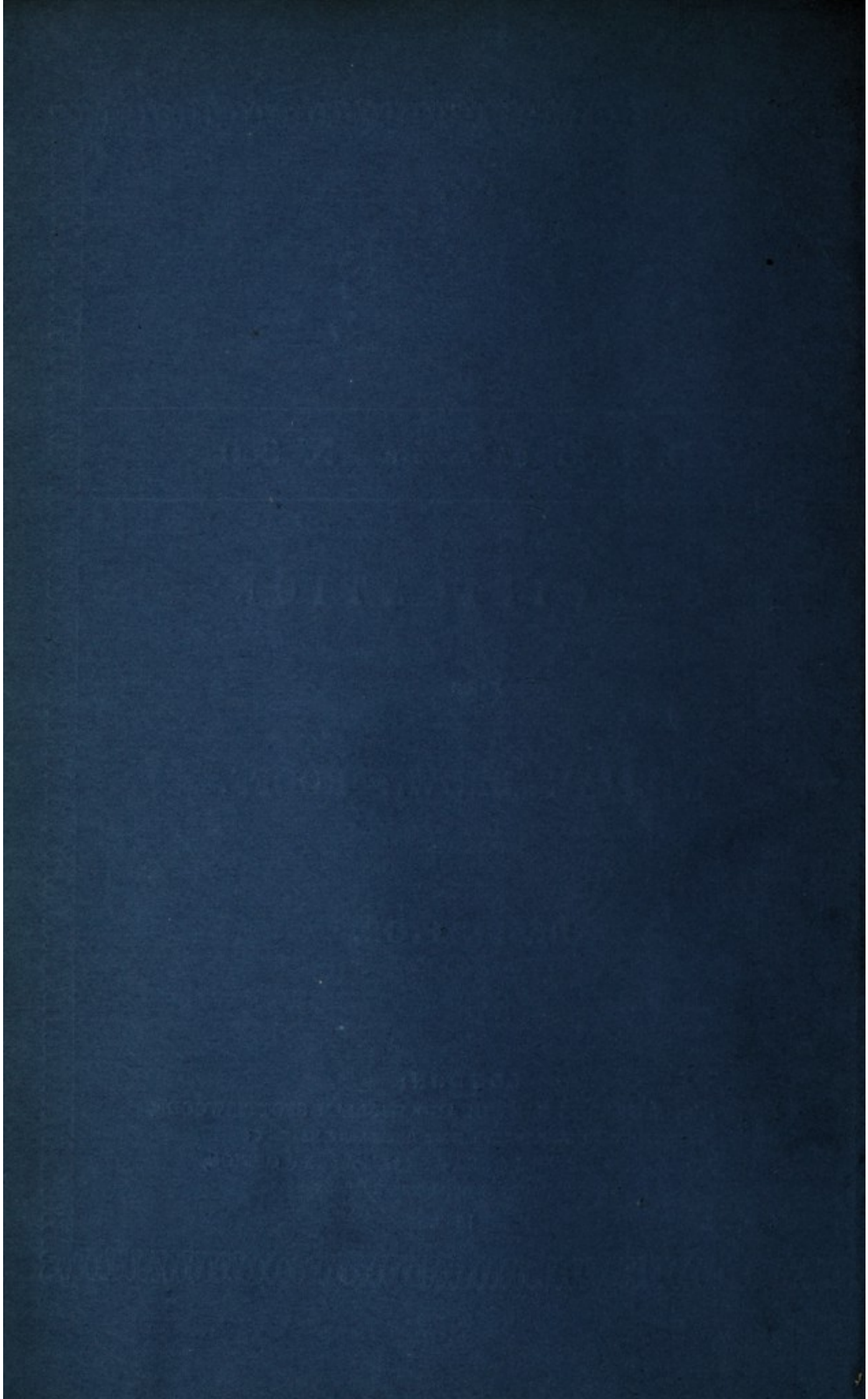
RESPIRATOR.

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.

1863.





A.D. 1863, 9th FEBRUARY. N^o 360.

Respirator.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by William Brown Rooff at the Office of the Commissioners of Patents, with his Petition, on the 9th February 1863.

I, WILLIAM BROWN ROOFF, of 7, Willow Walk, Kentish Town, in the
5 Parish of St. Pancras, in the County of Middlesex, do hereby declare the nature of the said Invention for "AN IMPROVED RESPIRATOR," to be as follows:—

My Invention consists of a respirator, partly an improvement upon that patented by me, dated the 21st day of September 1848, and Number 12,273.
10 The inlet tubes or passages are made to communicate with a chamber or receptacle, into which can be placed at pleasure air, purifying materials, or a piece of sponge or other suitable material for holding medicinal preparations which impregnate the atmosphere before entering the lungs. A system of valves is used similar in action to those described in my Patent dated as above,
15 by which the exhaled air is not allowed to pass through the chamber containing the medicinal or purifying agents, but gives up its heat to the metal tubes, which heat warms the inspired air before it reaches the purifying or impregnating chamber on its way to the lungs.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1863.

W. 380

(This invention relates to a new and improved)

PROVISIONAL SPECIFICATION in relation to a new and improved
Office of the Commissioner of Patents, at the City
of Washington, D.C., January 1888.

I, William Brown Brown, of V. W. Brown & Co., of the
County of Middlesex, do hereby declare that the
nature of the said invention for "An Improved Apparatus," to be
known as follows:—

My invention consists of a respirator, partly an improvement upon that
patented by me, dated the 31st day of September 1887, and Number 12,773.
The inlet tubes or passages are made to communicate with a chamber or
reservoir, into which can be placed at pleasure any purifying material, or
a piece of sponge or other suitable material for holding medicinal preparations,
which impregnates the atmosphere before entering the lungs. A system of
valves is used similar in action to those described in my Patent dated as above,
by which the expired air is not allowed to pass through the chamber containing
the medicinal or purifying agents, but rises up its host to the inlet tubes,
which first warms the inspired air before it reaches the purifying or
impregnating chamber on its way to the lungs.

LONDON:

Printed by George Edward Eyre and William Spottiswood,
Printers to the Queen's most Excellent Majesty, 1888.