

Specification of Richard Woollatt : instrument for producing anaesthesia.

Contributors

Woollatt, Richard.

Publication/Creation

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A.D. 1866, 16th NOVEMBER. N^o 3011.

SPECIFICATION

OF

RICHARD WOOLLATT.

INSTRUMENT FOR PRODUCING ANÆSTHESIA.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

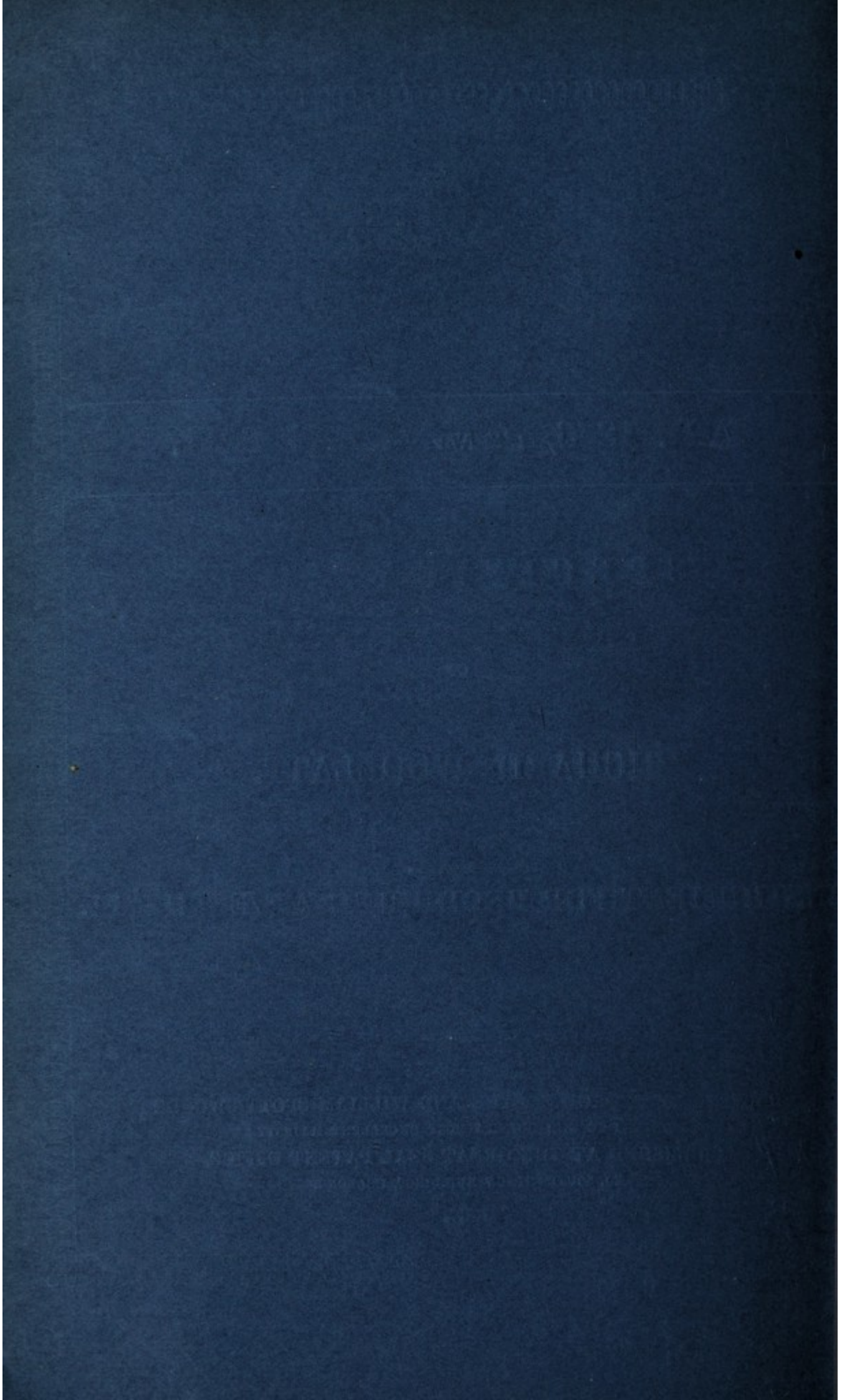
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 4d.

1867.





A.D. 1866, 16th NOVEMBER. N° 3011.

Instrument for Producing Anæsthesia.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Richard Woollatt at the Office of the Commissioners of Patents, with his Petition, on the 16th November 1866.

I, RICHARD WOOLLATT, of Taunton, in the County of Somerset, do hereby declare the nature of the said Invention for "**A NEW OR IMPROVED INSTRUMENT TO BE EMPLOYED IN PRODUCING LOCAL ANÆSTHESIA,**" to be as follows:—

This instrument is chiefly intended to be employed in producing anæsthesia while extracting or operating upon the teeth. The apparatus resembles an ordinary pair of sugar tongs except that the two concave ends are turned down at about right angles to the two legs of the tongs. The concavity of the ends is sufficient to allow two thicknesses of lint and a thickness of impermeable covering, such as fine bladder, gut, skin, or other soft flexible substance insoluble in the chloroform or other anæsthetic agent employed, to lodge therein without pressure except close contact with the gum. The concave ends with the lint and impermeable covering I call the pads. On the outside of each pad is a spring which has a tendency to press inwards, and is formed with a projecting catch to pass through an aperture in an outer larger spring, which has a tendency to press outwards. These two springs outside each pad hold the ends of the lint as follows:—The end of the lint is carried under the bottom of the pad; the outer spring is then pressed in so as to come against and hold the end of the lint, and the catch of the inner spring passes through the aperture of the outer spring and holds this spring in place. The lower

Woollatt's Improved Instrument for Producing Anæsthesia.

extremity of the outer springs and the bottom edge of the concave ends are by preference serrated so as to hold the lint and impermeable covering more securely. When this instrument is applied to the part to be operated upon the two pads are pressed against the gum by pressing the two legs of the instrument together, as in using a pair of sugar tongs.

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LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1867.