

**Specification of James Arnold : instrument for administering horse balls,
&c.;**

Contributors

Arnold, James.

Publication/Creation

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

Persistent URL

<https://wellcomecollection.org/works/uk4kymkq>

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, 7th MARCH. N^o 699.

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

OF

JAMES ARNOLD.

INSTRUMENT FOR ADMINISTERING
HORSE BALLS, &c.

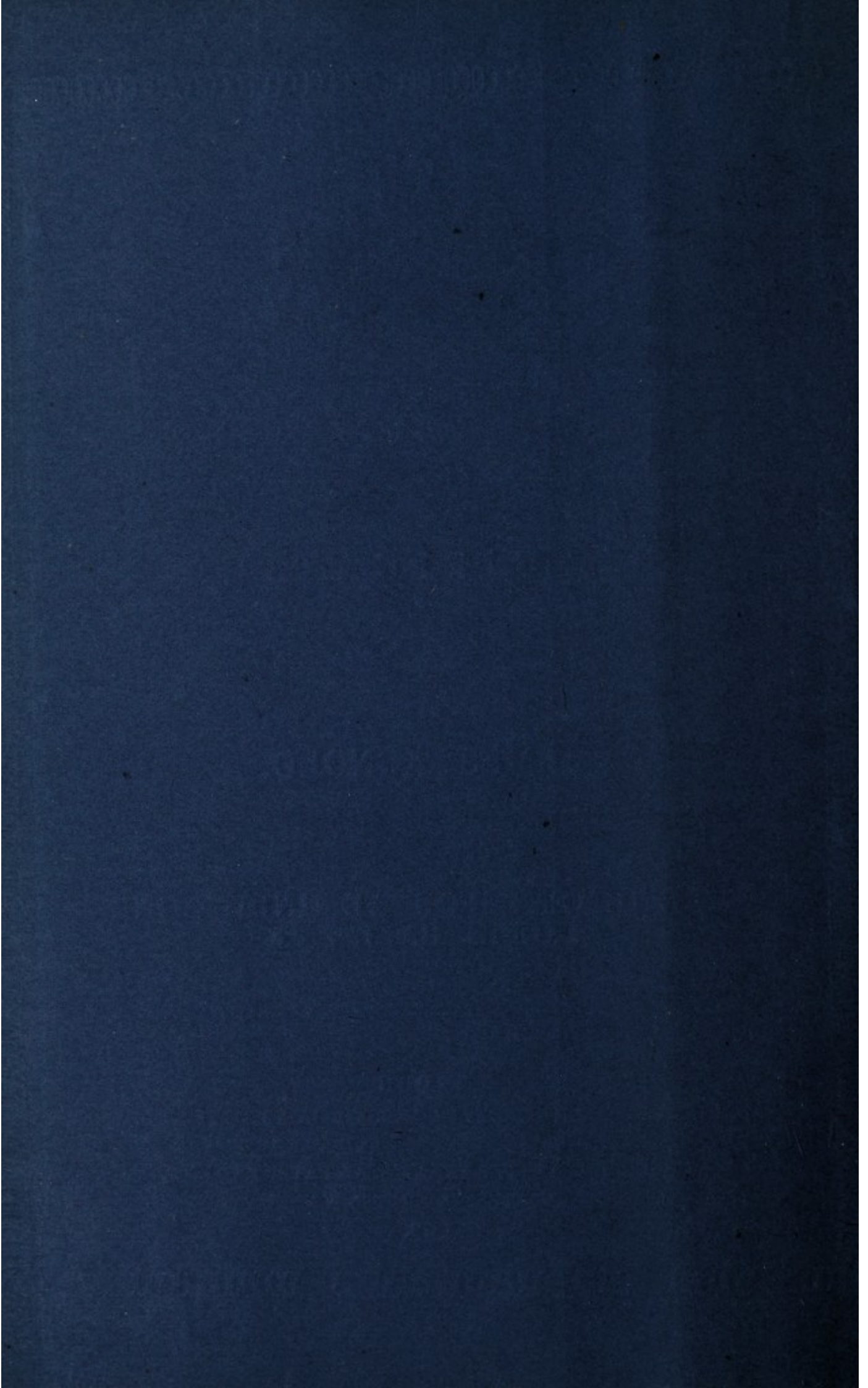
LONDON:

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.

1872.





A.D. 1872, 7th MARCH. N^o 699.

Instrument for Administering Horse Balls, &c.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by James Arnold at the Office of the Commissioners of Patents, with his Petition, on the 7th March 1872.

I, JAMES ARNOLD, of West Smithfield, in the County of Middlesex,
5 Surgical Instrument Maker, do hereby declare the nature of the said Invention for "A NEW OR IMPROVED INSTRUMENT OR APPLIANCE FOR ADMINISTERING BALLS AND OTHER MEDICINES TO HORSES AND OTHER ANIMALS," to be as follows:—

My new or improved instrument for administering balls and other
10 medicines to horses and other animals consists of a tube with a packed piston and a rod, the former serving as a guide to the latter. The tube terminates in a bell mouth, or is made bell mouthed or enlarged at one end, and into the bell mouth or enlarged portion I insert a mouth piece made of some flexible material such as india-rubber, and which is
15 screwed or otherwise attached thereto. The piston rod carries at the mouth piece end of the tube a button, the diameter of which corresponds as nearly as possible with that of the mouth piece. The piston rod is moved by a finger or thumb piece at the other end of the tube,

Arnold's Improved Instrument for Administering Horse Balls, &c.

and in this way the button in the flexible mouth is moved backwards and forwards. To hold the instrument I connect a handle which may be pistol shaped or otherwise, and a hook or other appliance to steady it. To use the instrument draw back the piston and place the ball or other medicine on the button, insert the flexible mouth piece in the 5 mouth of the animal, push the piston forward and the ball is administered without any noise being made by the motion of the rod through the tube, and owing to the flexible nature of the mouth piece it is easily adjusted and does not hurt the animal's mouth.

LONDON:

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