

Publication/Creation

November 1952

Persistent URL

<https://wellcomecollection.org/works/zddyajb9>

License and attribution

Conditions of use: it is possible this item is protected by copyright and/or related rights. You are free to use this item in any way that is permitted by the copyright and related rights legislation that applies to your use. For other uses you need to obtain permission from the rights-holder(s).

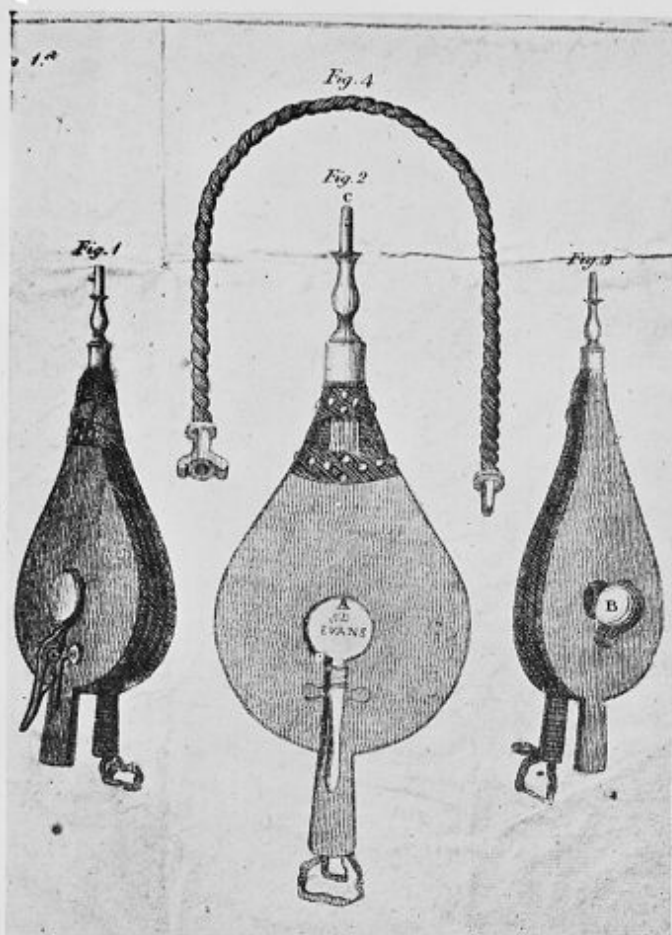


PLATE I

PLATE I. Fig. 1, 2, 3, are different Views of a Pair of Bellows, for the double Purpose of inflating the Lungs and injecting Tobacco Smoke Stimulating Vapours. The mark A, Fig. 2, is a Lever for filling the Bellows with fresh Air in inflating; B, in Fig. 3, is a moveable circular Piece of Wood over the Clack-Hole, which must be turned over it in inflating, and removed aside when the Bellows are used as common Bellows for injecting Tobacco-Smoke Stimulating Vapours.

C, Fig. 2, is a Brass Nozzle, which fits into Fig. 1, Plate 2, at A, for inflating, and into Fig. 2, same Plate, at B, for injecting Tobacco-Smoke Stimulating Vapours.

Fig. 4 is a long flexible Tube, of the same Description as Fig. 3, Plate 2.

PLATE II. Fig. 1 is a short flexible Tube, fitted to the Nozzle of the Bellows, A, for inflating; its Tube, C, fits into Fig. 4, 5, 6, 7, 8.

Fig. 2 is a Brass Box, inclosed in Wood, to contain the heated Tobacco, and is to be connected at B, with the Nozzle of the Bellows, Fig. 2, Plate 1, and at E, with the long flexible Pipe, Fig. 3.

Fig. 3, A long flexible Tube, which being fitted at D, upon Fig. 2, at E, is used for injecting Tobacco-Smoke Stimulating Vapours.

Fig. 4, a curved Silver Pipe, to fit on Fig. 1, Plate 2, for inflating the Lungs, by passing it down the Throat, beyond the Glottis.

Fig. 5, a Canula, for Bronchotomy, it fits on Fig. 1, Plate 2, at C.

Fig. 6, 7, 8, are Nostril Pipes of various Sizes; they fit on Fig. 1, Plate 2, C.

Fig. 9 are Glycer-Pipes of different Sizes; they fit on Fig. 3, Plate 2, at F.

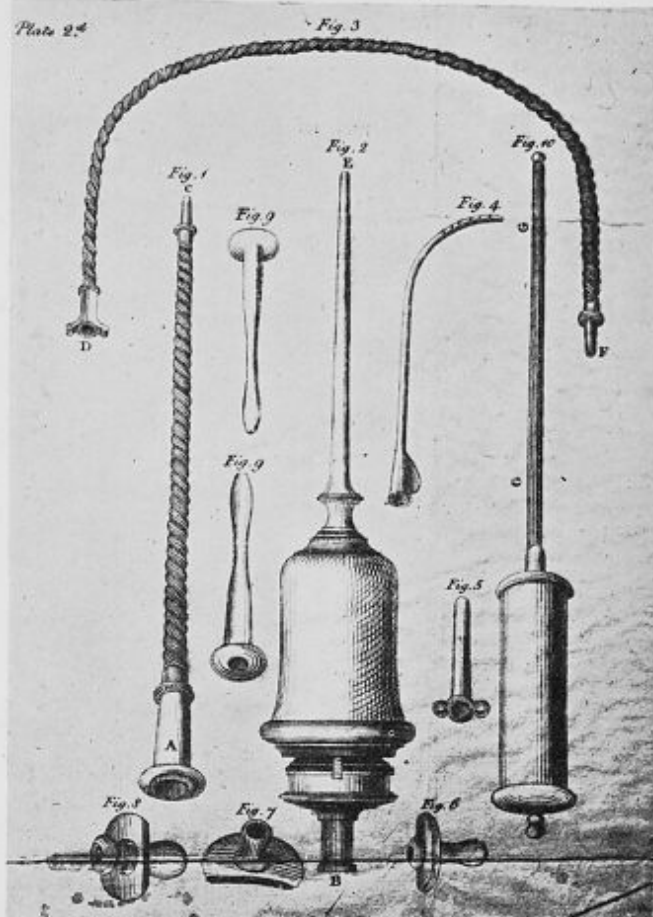


PLATE II

Fig. 10 is a Syringe with a flexible Tube, G G, for injecting Cordials into the Stomach.

These Instruments, and Four Glass Bottles with ground Stoppers, to contain Stimulatives; comprehend the Instruments recommended by the Royal Humane Society for the Recovery of Persons apparently dead.

They are contained in a Mahogany Chest, lined with Baize, which has a Lift-out, for Sponge and Flannels, and Apertures for Tobacco, Flint, Steel, Tinder-Box, and Matches.

When intended to inflate, you must turn the circular Piece of Wood, B, Fig. 3, Plate 1, over the Clack-Hole; then fix the short flexible Tube, Fig. 1, Plate 2, to the Brass Nozzle: the Ivory Pipes, Fig. 6, 7, 8, for the Nostril; the curved Silver Pipe, Fig. 4, for the Throat, and the Silver Canula, Fig. 5, for Bronchotomy; each of which, as before described, is adapted to the Plug of the short flexible Tube. When you wish to inflate, press the Brass Lever, A, Fig. 2, Plate 1; open the Bellows; then let go the Lever, and by shutting the Bellows force the Air into the Lungs.

When you wish to extract the Air out, you are only to open the Bellows without touching the Lever. In Order to expel the foul Air, press the Lever, (to open it,) and shut the Bellows, by which Means the extracted foul Air will be thrown away; then, still keeping the Lever open, you are to open the Bellows, by which Means it will be again filled with fresh Air; let the Brass Lever down, and proceed to imitate inspiration and expiration. It may be perhaps necessary at first to fill Two or Three Times before you extract once; and for this Purpose you must remember to keep the Lever open whenever the Bellows are emptied; in Order to take in more fresh Air, by the Dilatation, &c. &c. When the Brass Lever is shut, and the circular Wood is removed from off the Clack-Hole, it is a common Pair of Bellows.

The Apparatus as here described may be had of EVANS and Co.

Surgical Instrument Makers, No. 10, OLD CHANGE, LONDON.

W. S. Blake, Printer, 'Change Alley.

DRAWING OF THE APPARATUS USED BY THE ROYAL HUMANE SOCIETY IN LETTSON'S TIME WITH EXPLANATORY TEXT. THE EMENDATIONS ARE IN LETTSON'S HANDWRITING. AS PREVIOUSLY STATED HE DISLIKED TOBACCO.

(From the Historical Collection of the Royal College of Surgeons, England.)