

No. 606,736.

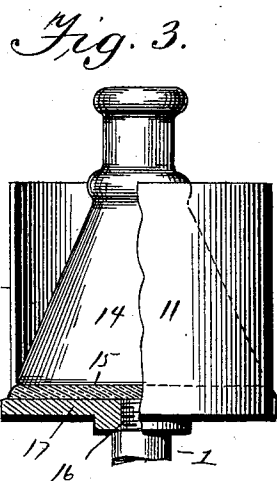
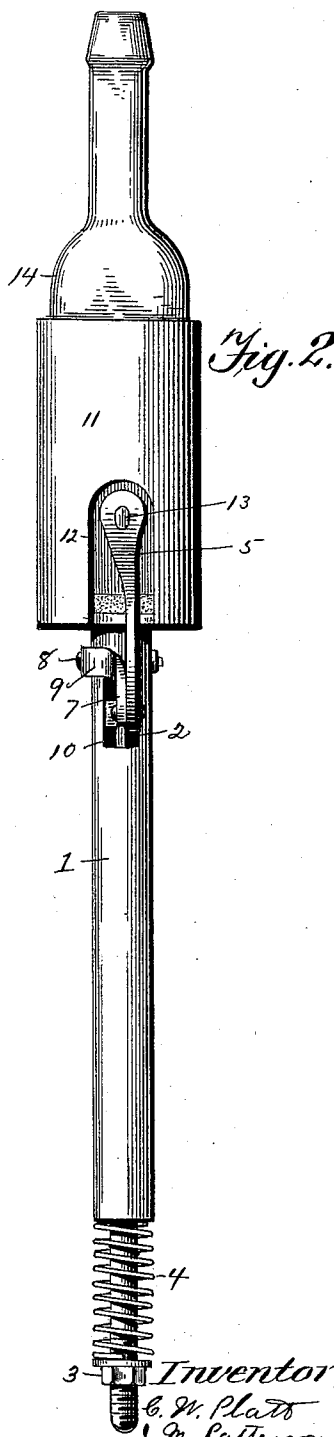
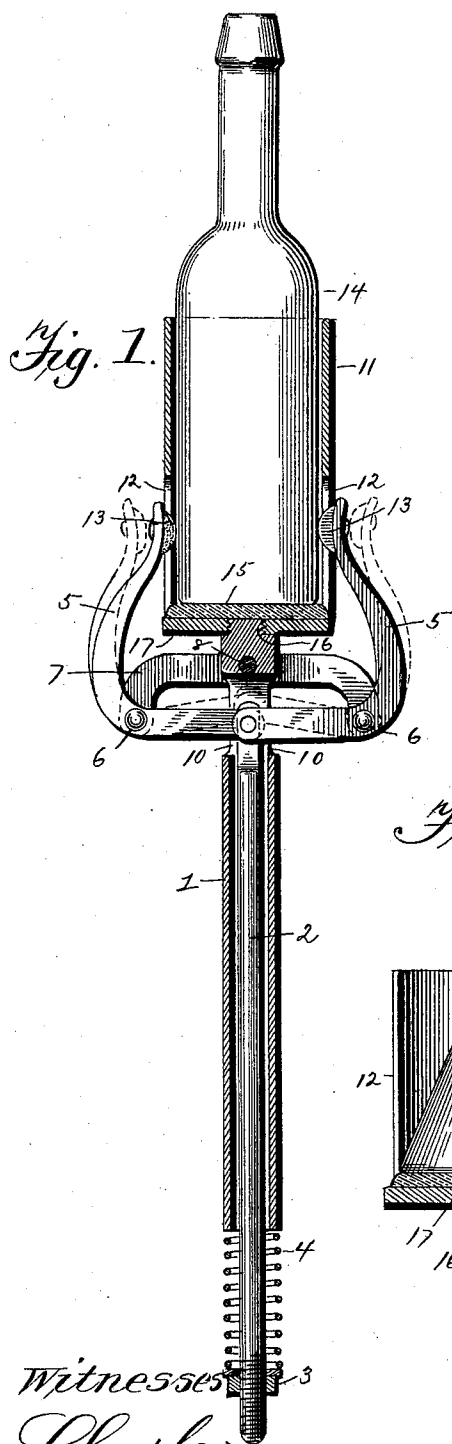
Patented July 5, 1898.

C. W. PLATT, J. M. PATTERSON & J. HAMMELL, JR.

IMPLEMENT FOR HOLDING BOTTLES. &c.

(Application filed Aug. 25, 1897.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## IMPLEMENT FOR HOLDING BOTTLES, &c.

SPECIFICATION forming part of Letters Patent No. 606,736, dated July 5, 1898.

Application filed August 25, 1897. Serial No. 649,489. (No model.)

*To all whom it may concern:*

Be it known that we, CYRUS W. PLATT, JOHN M. PATTERSON, and JAMES HAMMELL, Jr., citizens of the United States, residing at Windfall, in the county of Tipton and State of Indiana, have invented certain new and useful Improvements in Implements for Holding Bottles, &c.; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to implements for holding bottles, &c., during the process of forming the bottle necks and heads; and it consists in the novel construction and arrangement of its parts, as hereinafter described.

The object of the invention is to provide a device adapted to hold a heated bottle, the implement being provided with suitable asbestos surfaces adapted to bear against the bottle, and thus prevent the transmission of heat from the bottle to the implement and also protect the bottle from the iron.

The further object of the invention is to provide receptacles of different shape adapted to receive different-shaped bottles, the implement being so constructed as to support any one of the various different-shaped receptacles—that is, the receptacles are interchangeable. The implement is provided with a spring-actuated clamping mechanism, the ends of the clamps adapted to pass through suitable openings in opposite sides of the receptacle and bear laterally against the body of the bottle.

In the accompanying drawings, Figure 1 is a longitudinal sectional view of the device. Fig. 2 is a side elevation of the device. Fig. 3 is a side elevation, partly in section, with a receptacle especially adapted for holding mucilage or ink bottles.

The device consists of a hollow cylindrical handle 1, the rod 2 passing through the said handle. The said rod 2 is screw-threaded at its lower end, and the tap 3 is located on the said threaded end. A coiled spring 4 is interposed between the end of the handle 1 and the tap 3. It will be seen that by adjusting

the tap 3 the tension of the spring 4 may be regulated. The arms 5 are pivoted at their inner ends to the upper end of the rod 2. The said arms are fulcrumed at the points 6 to the cross-piece 7, said cross-piece 7 being secured to the side of the upper end of the handle 1 by means of a bolt 8, or the said cross-piece may be secured by any other suitable means. The said cross-piece is provided at its middle with a bow 9, said bow being adapted to receive the side of the handle 1. The upper portion of the handle is cut, as at 10, to permit the inner ends of the arms 5 to connect with the upper end of the rod 2. The said arms 5 are oppositely disposed and they form a clamp. As shown in Figs. 1 and 2, the receptacle 11 consists of a cylindrical body open at its upper end and having in its sides opposite openings 12 12. The upper ends of the clamps 5 are provided with the asbestos pads 13 13, said pads being on the inner sides of the arms, the said pads being adapted to pass from the openings 12 12 and come in contact with the sides of the bottle 14. The asbestos pad 15 is located in the bottom of the receptacle 11, and the screw-threaded protrusion 16 is adapted to enter a threaded perforation in the bottom 17 of the receptacle, and thus the receptacle is attached to the upper end of the handle 1. It will be seen that when the lower end of the rod 2 is forced up the arms 5 will assume the positions as indicated by the dotted lines in Fig. 1. Thus the bottle 14 is freed and may be readily removed from the receptacle 11. In placing the bottle in position in the receptacle 11 the lower end of the rod 2 is pressed up, the arms are thus opened, and the bottle is lowered in the receptacle 11. When the bottle is in place, the pressure is removed from the lower end of the rod 2, and the spring 4 pressing the said rod down brings the upper ends of the arms 5 laterally against the sides of the bottle 14, as shown in Fig. 1.

Should it be desired to use a receptacle especially adapted for holding a bottle, as shown in Fig. 3, the receptacle 11, as shown in Fig. 1, is unscrewed from the protrusion 16, and the receptacle, as shown in Fig. 3, is secured on the protrusion 16. Receptacles

of other shape may be provided, all of the receptacles having in their bottom a screw-threaded perforation adapted to receive the protrusion 16.

5 Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

10 1. In a device such as described consisting of a handle provided with a suitable clamping mechanism, a receptacle adapted to hold a bottle, said receptacle having in its sides openings, the clamping mechanism adapted to pass through said openings and come in contact with the sides of the bottle.

15 2. In a device such as described consisting of a handle having a clamping mechanism, a receptacle removably attached to the handle, said receptacle having in its sides openings, the clamping mechanism adapted to extend through said openings and come in contact with the sides of the bottle.

20 3. In a device such as described consisting of a handle having a clamping mechanism, a receptacle attached to the handle and adapted to receive the bottle, openings in the sides of the receptacle, the clamping mechanism

having at its inner ends heat-non-conducting material, said material adapted to come in contact with the sides of the bottle and retain the same.

30 4. A device such as described consisting of a receptacle adapted to contain the bottle, a hollow handle attached to the receptacle, a rod passing through said handle, the lower end of said rod being screw-threaded, an adjustable tap located on the screw-threaded end of the rod, a coiled spring interposed between the end of the handle and said tap, clamping-arms pivoted at their ends to the upper end of said rod, a cross-piece attached to the handle, said clamping-rods being fulcrumed to said cross-piece, the upper ends of the clamping-arms adapted to engage the bottle.

45 In testimony whereof we affix our signatures in presence of two witnesses.

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Witnesses:

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