

(No Model.)

H. LIGHTWARDT, Jr.
BOTTLE JACKET.

No. 370,268.

Patented Sept. 20, 1887.

Fig. 2.

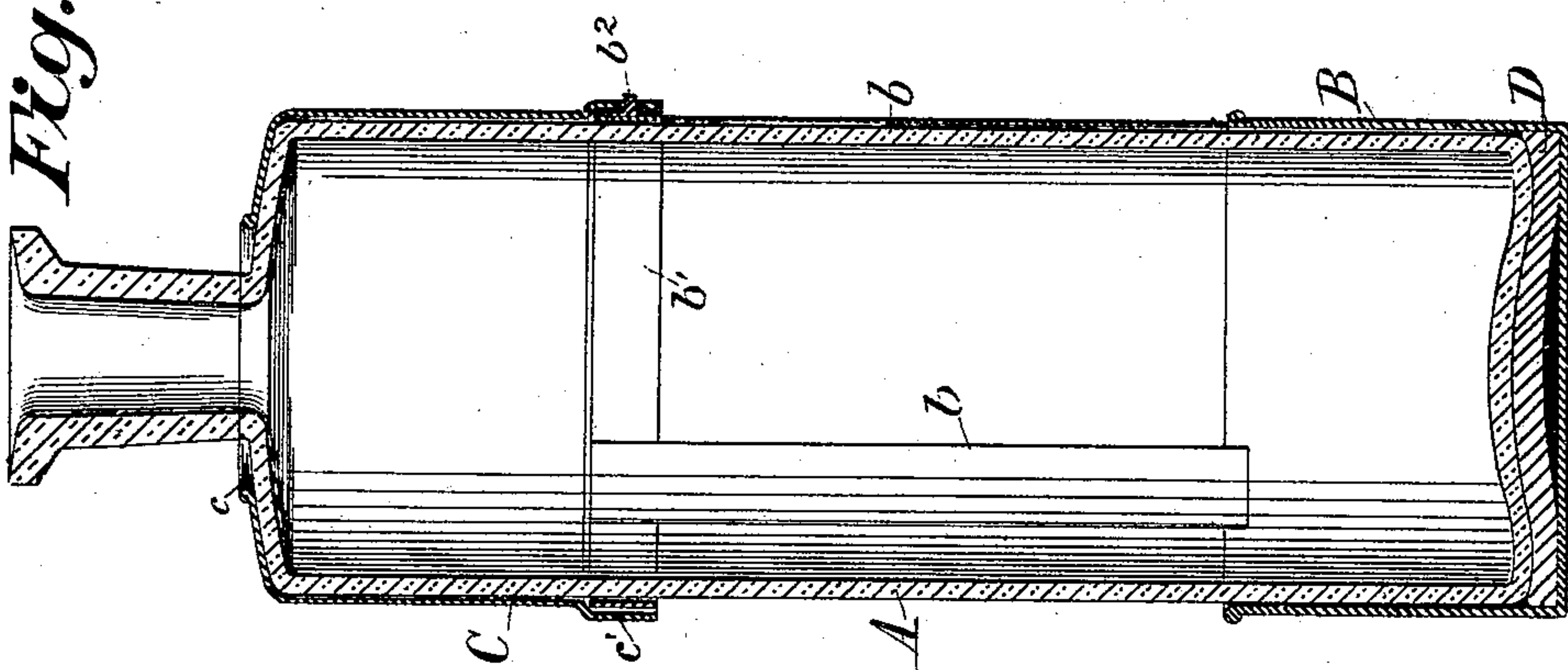
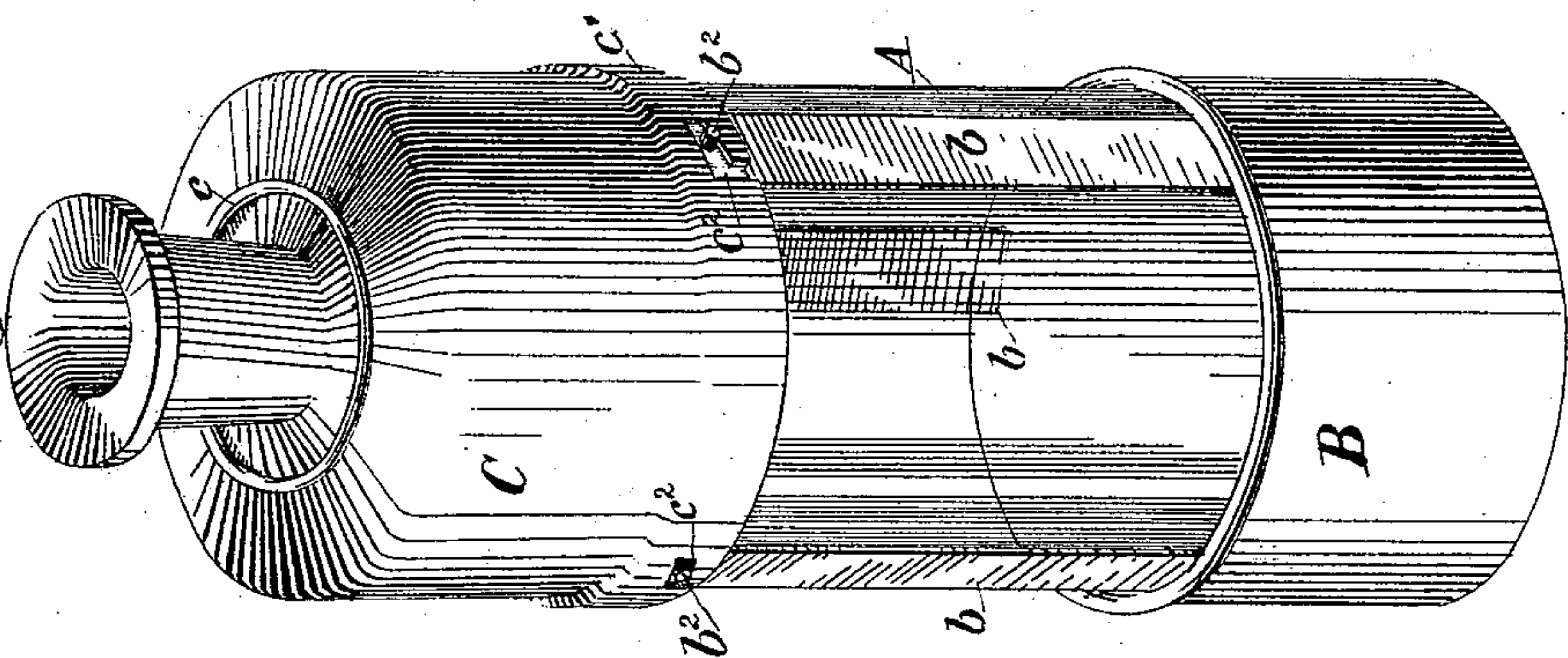


Fig. 1.



Witnesses:

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per *O. E. Duff*

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UNITED STATES PATENT OFFICE.

HENRY LIGHTWARDT, JR., OF PHILADELPHIA, PENNSYLVANIA.

BOTTLE-JACKET.

SPECIFICATION forming part of Letters Patent No. 370,268, dated September 20, 1887.

Application filed August 11, 1887. Serial No. 246,720. (No model.)

To all whom it may concern:

Be it known that I, HENRY LIGHTWARDT, Jr., of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Bottle-Jackets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The object and nature of my invention will be fully set forth in the following specification and claims.

In the drawings, Figure 1 is a perspective view of a bottle and my improved jacket, and Fig. 2 is a vertical section of the same.

Similar letters of reference indicate similar parts in both figures.

A is the bottle. B is the lower cup-shaped portion of the jacket, in which the bottle rests, and C is the upper portion or cap of the jacket. Extending upward from the cup B are two or more narrow strips of metal, *b b*. (In the drawings three are shown.) These strips are soldered or otherwise suitably fastened to the cup B, and at their upper ends are secured by soldering or other suitable means to a ring or band, *b'*, the strips and the band forming a frame which extends upward from the cup B. The band *b'* is provided with a series of short pins or lugs, *b²*, for a purpose hereinafter described. The upper portion or cap of the jacket is of an inverted cup-shaped form, and is provided with an opening, *c*, to allow the neck of the bottle to pass through. The cap C is made to fit snugly over the shoulder and upper portion of the bottle, and its lower part, *c'*, is enlarged, by swaging or otherwise, so

that it can fit over the band *b'*. The enlarged part *c'* is also provided with recesses *c²*, into which the pins *b²* on the band *b'* are adapted to enter to make the well-known "bayonet-joint," by which the cap portion C is secured to the band *b'*, and the jacket is held securely on the bottle.

D is an elastic cushion, which is interposed between the bottom of the bottle and the bottom of the jacket to prevent concussion.

The manner of putting the jacket on or taking it off the bottle will be readily understood, and needs no description here.

Having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a bottle-jacket, the combination, with the lower cup-shaped portion, the upwardly-extended frame secured thereto, and the lugs on said frame, of the cap or upper portion provided with recesses into which the lugs on the frame enter to lock the cap to the frame, as specified.

2. In a bottle-jacket, the lower cup-shaped portion, and the upwardly-extending frame secured thereto, the upper part of said frame consisting of a band or ring and the lugs on said band, combined with the upper portion or cap adapted to fit snugly over the shoulder and upper part of the body of the bottle, and enlarged at its lower end to fit over said band or ring, the said enlarged portion having recesses into which the lugs on the band enter to lock the cap to the frame, as specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

HENRY LIGHTWARDT, JR.

Witnesses:

J. L. McCLELLAN,
SAML. F. IRWIN.