

O. ZWIETUSCH.
Cork-Holder.

No. 217,567.

Patented July 15, 1879.

Fig. 1.

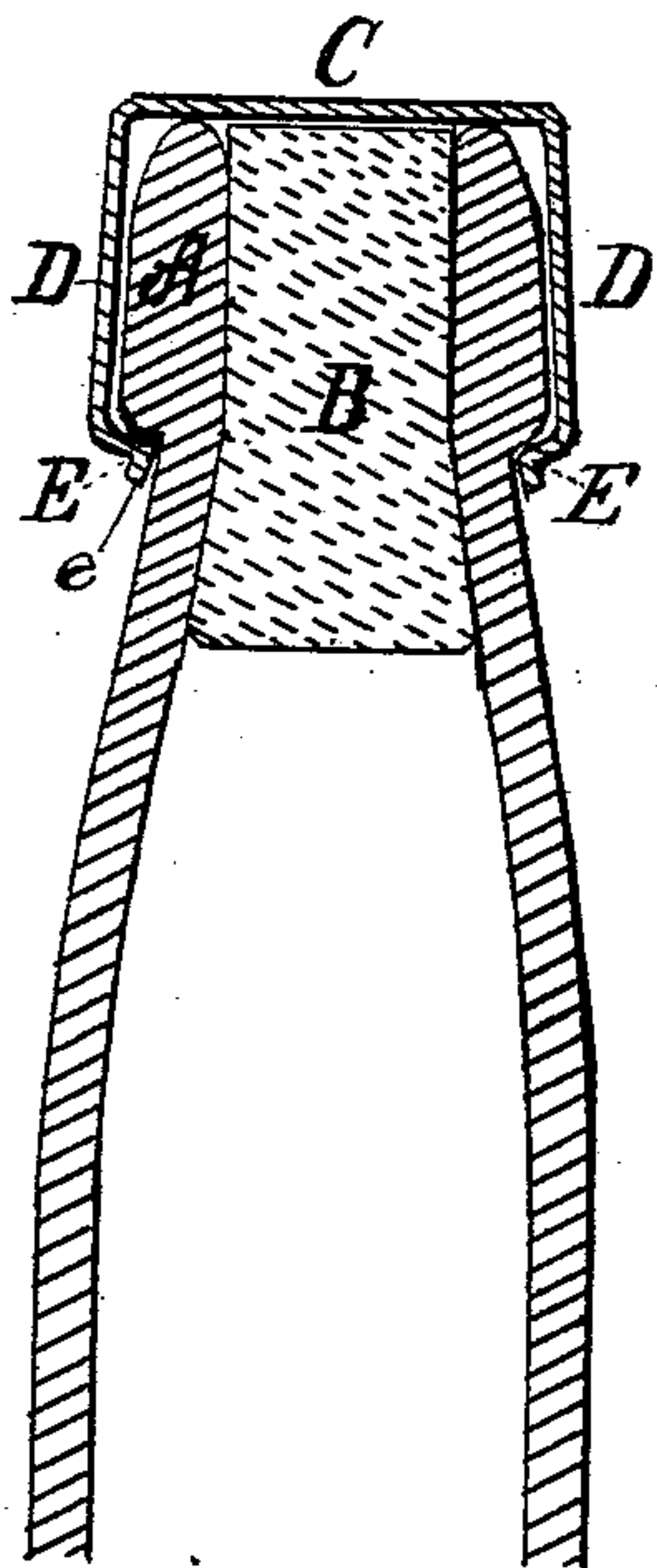


Fig. 2.

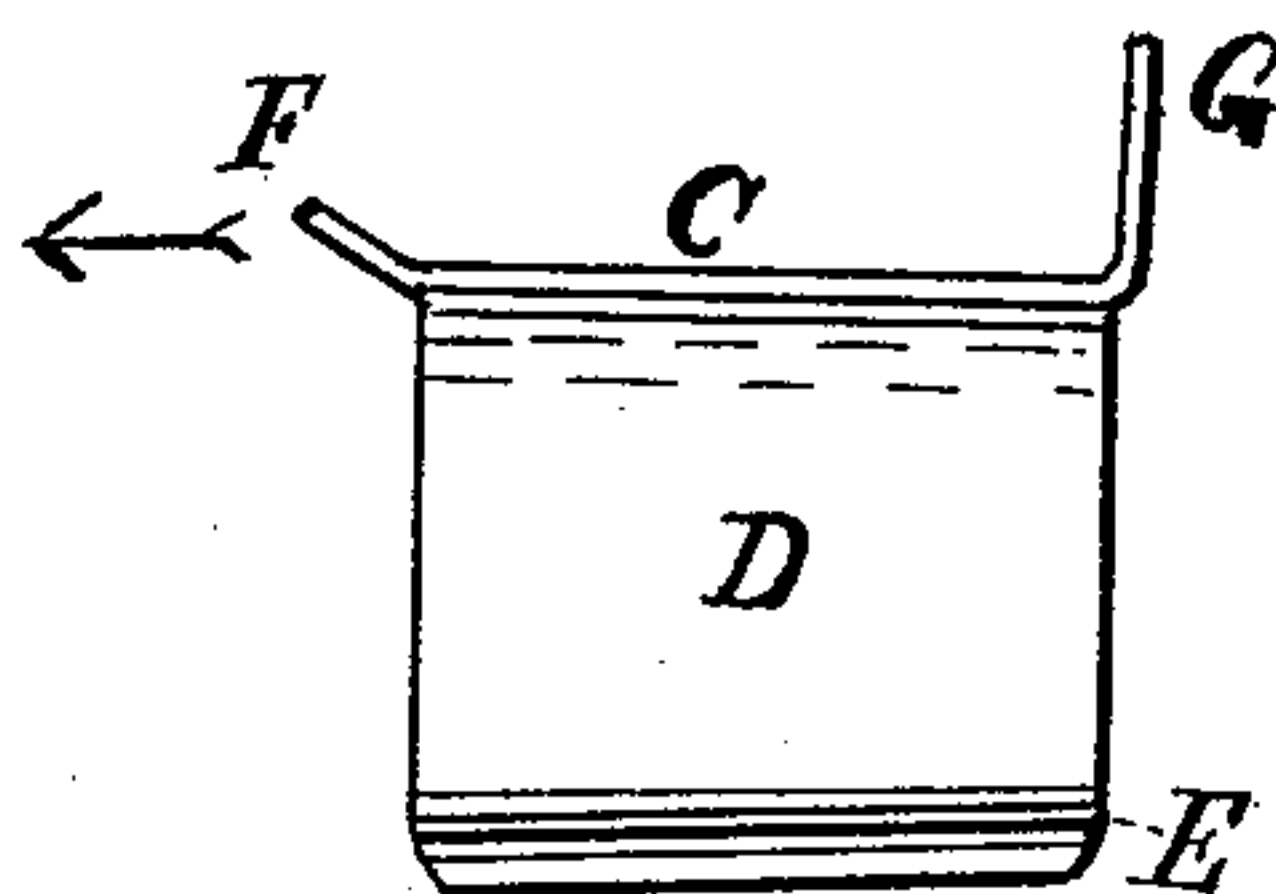
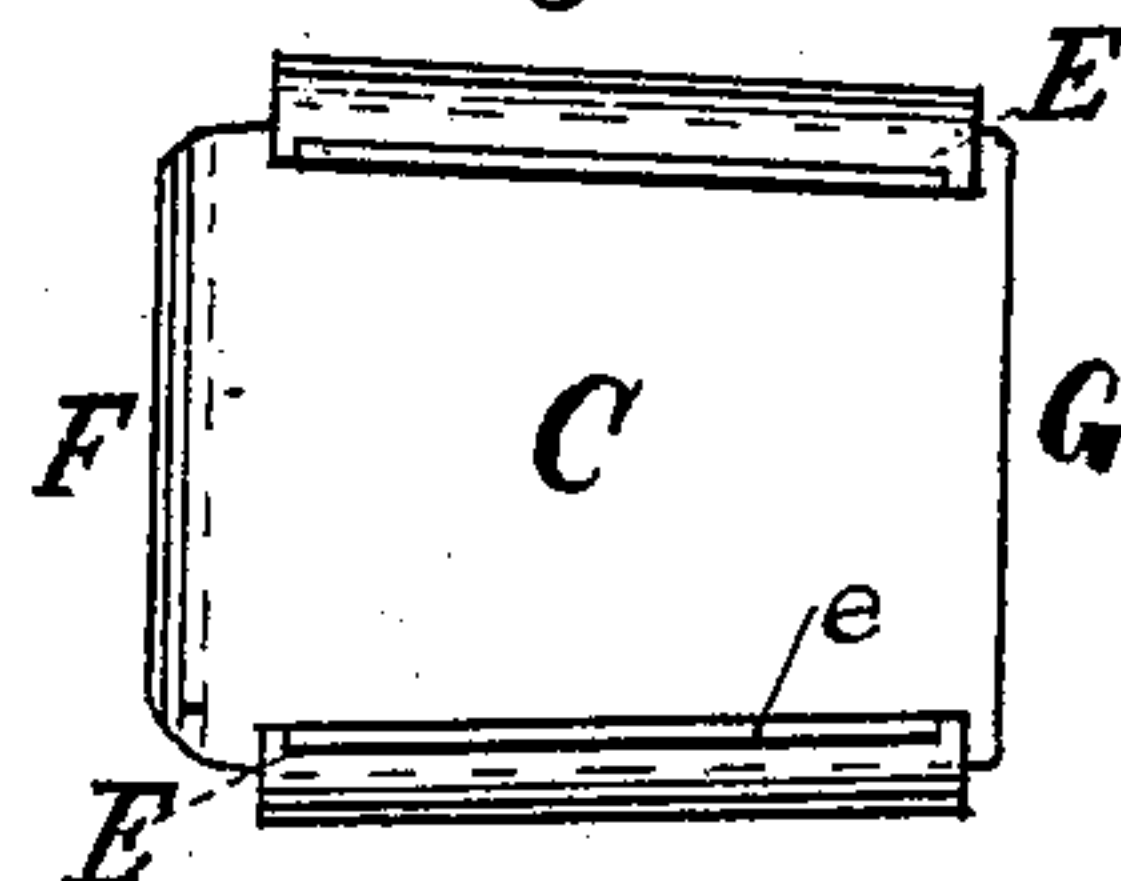


Fig. 3.



Witnesses

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OTTO ZWIETUSCH, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN CORK-HOLDERS.

Specification forming part of Letters Patent No. **217,567**, dated July 15, 1879; application filed April 14, 1879.

To all whom it may concern:

Be it known that I, OTTO ZWIETUSCH, of Milwaukee, Wisconsin, have invented certain new and useful Improvements in Cork-Holders for Securing Corks in Bottles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification.

The object of my invention is to provide a device for holding the corks in beer-bottles during the process of steaming.

The invention consists in a holder, of metal, constructed as will hereinafter be more fully described.

In the drawings, Figure 1 is a vertical section of the neck and cork of a bottle with the holder in place. Fig. 2 is a longitudinal section of the holder, and Fig. 3 is a bottom view thereof.

I form my cork-holder of any suitable metal, and about one-third longer than the diameter of the bottle-heads. The top C is flat, and from it depend the sides D D, which are converging and have flanges E, which incline upwardly from the larger end of the holder. On one end of the holder is an upwardly-slanting extension, F, which acts as a wedge to aid it in riding a projecting cork as the holder is slid into place, and on the other end I provide another extension, which serves as a handle.

Operation: After the cork B has been placed in the bottles the holder is slid on, and the flanges on the sides, converging as they do toward each other, tighten their clasp upon the neck of the bottle as the holder progresses. By reason of their upward inclination they also serve to wedge the top of the bottle between them and the top of the holder, so as

to force down the cork and hold it securely in place. It will therefore be unnecessary while using my improved cork-holders to be careful to place the stopper entirely in the bottle, as my holder will force a projecting cork down even with the bottle as it is slid into place. Should the cork sink below the level of the mouth, still the converging sides and flanges would grasp the neck and retain the holder in place on the bottle. Before the steaming process has begun, and before there is any pressure in the bottle, the flanges, which are at the same time converging and inclined, will keep the holder in place, while the inclined flanges alone are dependent somewhat on the pressure from the inside for their efficiency, and would be liable to permit the holder to drop off the bottle when there was no such pressure.

My holders, by reason of their tapering from end to end, are adapted to fit over bottle-heads of various and unequal sizes.

What I claim is—

1. A cork-holder having converging sides, which are provided with upwardly-inclined flanges for engaging beneath the head of the bottle, substantially as described.

2. A cork-holder having top C, provided with extensions F and G and flanged sides D D, substantially as and for the purpose described.

3. A cork-holder having a top, converging sides, inclined flanges, and extensions F and G, as and for the purpose set forth.

OTTO ZWIETUSCH.

Witnesses:

JOHN G. HIRSCH,
OTTO ZIMMER.