

(No Model.)

M. O. REHFUSS.  
CORK RETAINER FOR BOTTLES.

No. 590,793.

Patented Sept. 28, 1897.

Fig. 1.

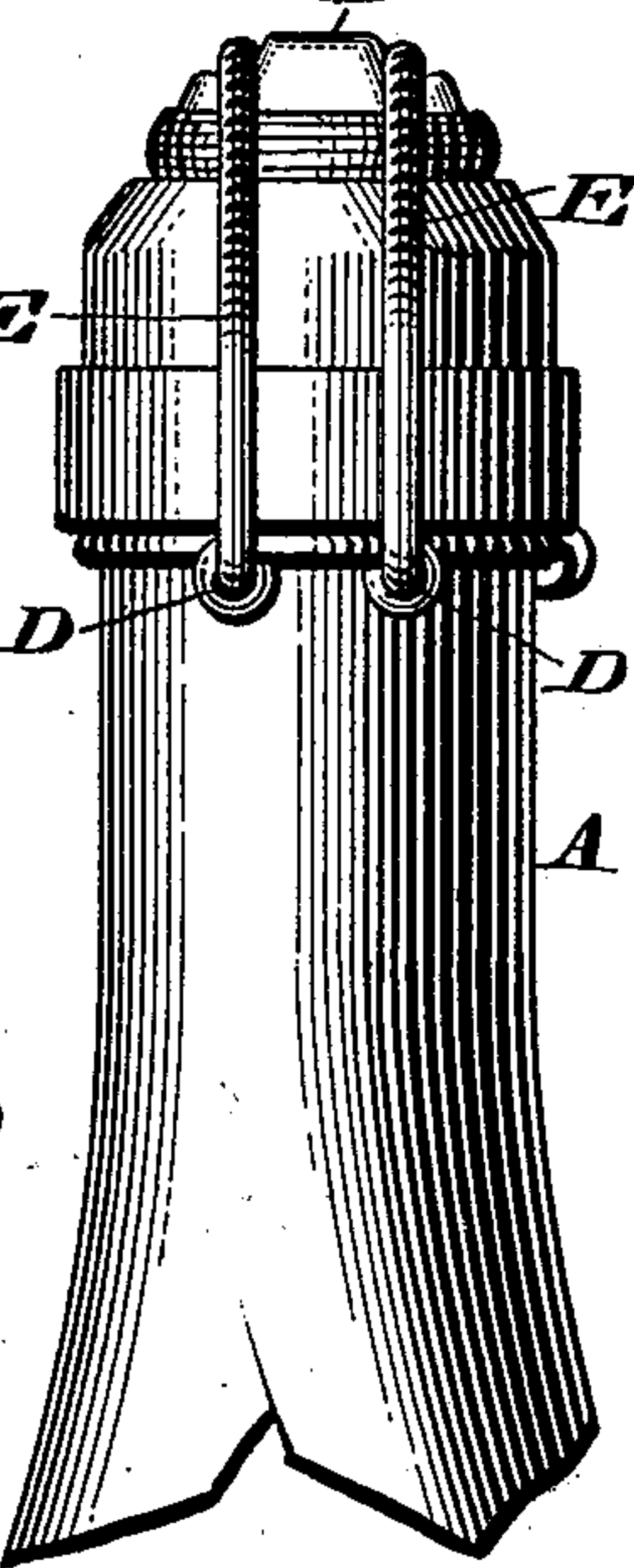


Fig. 2.

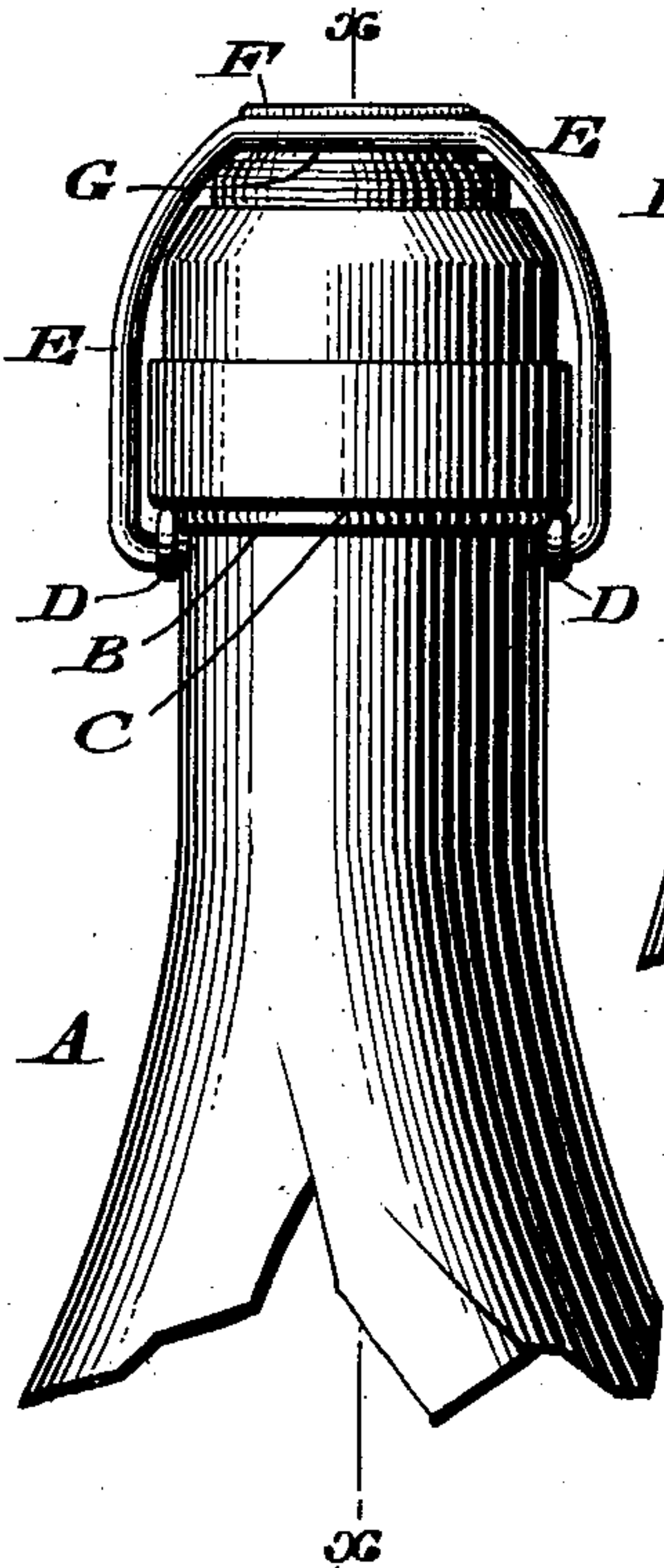


Fig. 3.

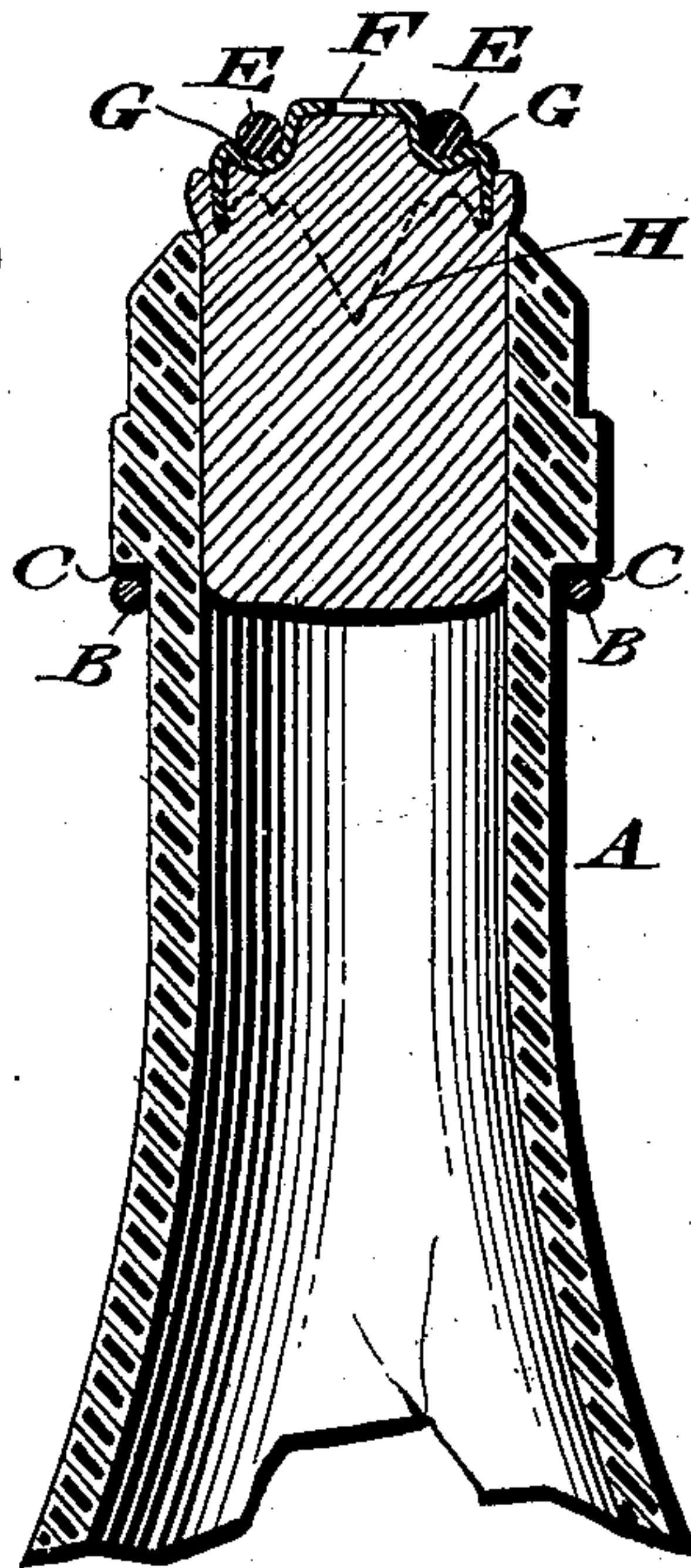


Fig. 4.

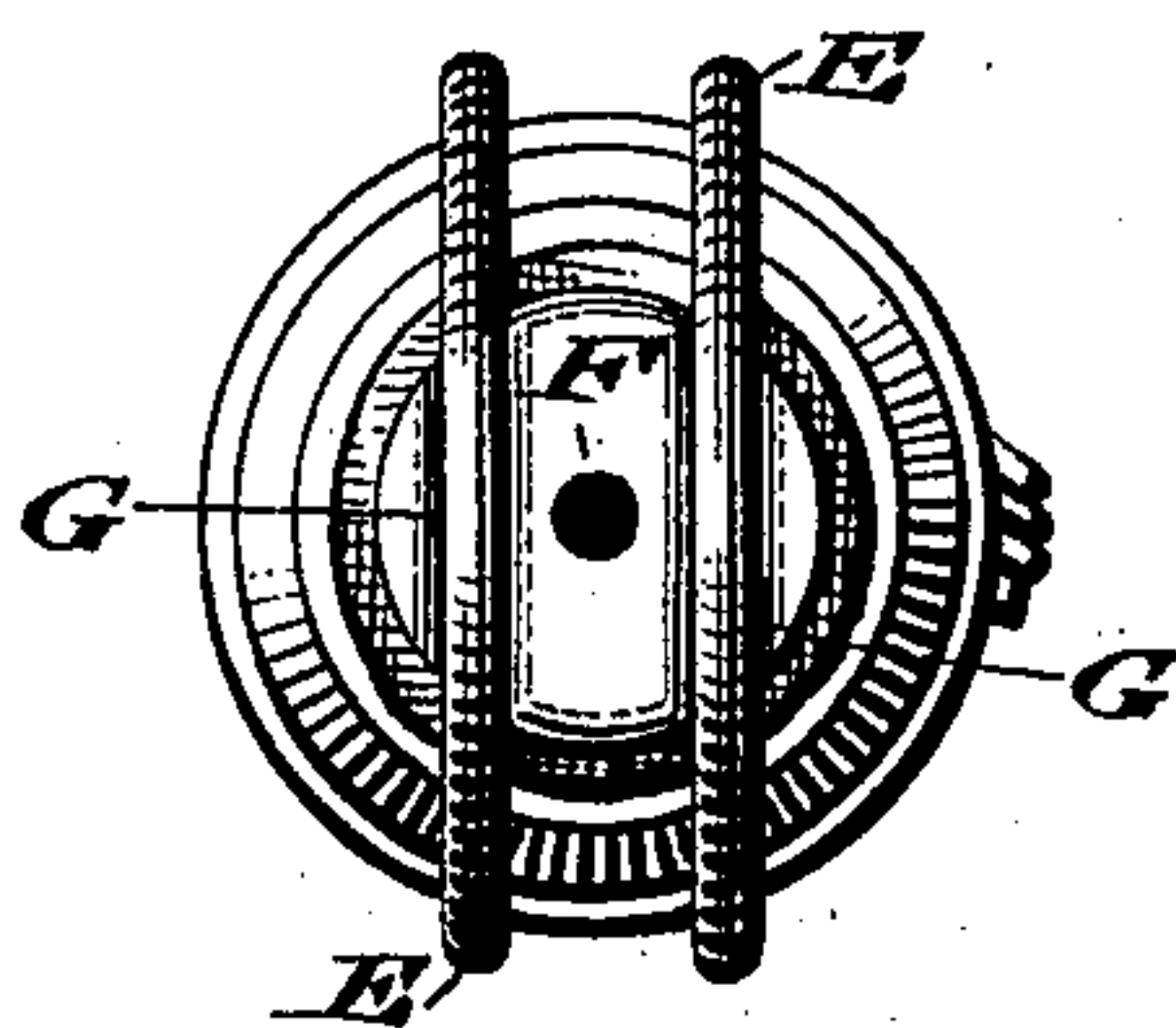
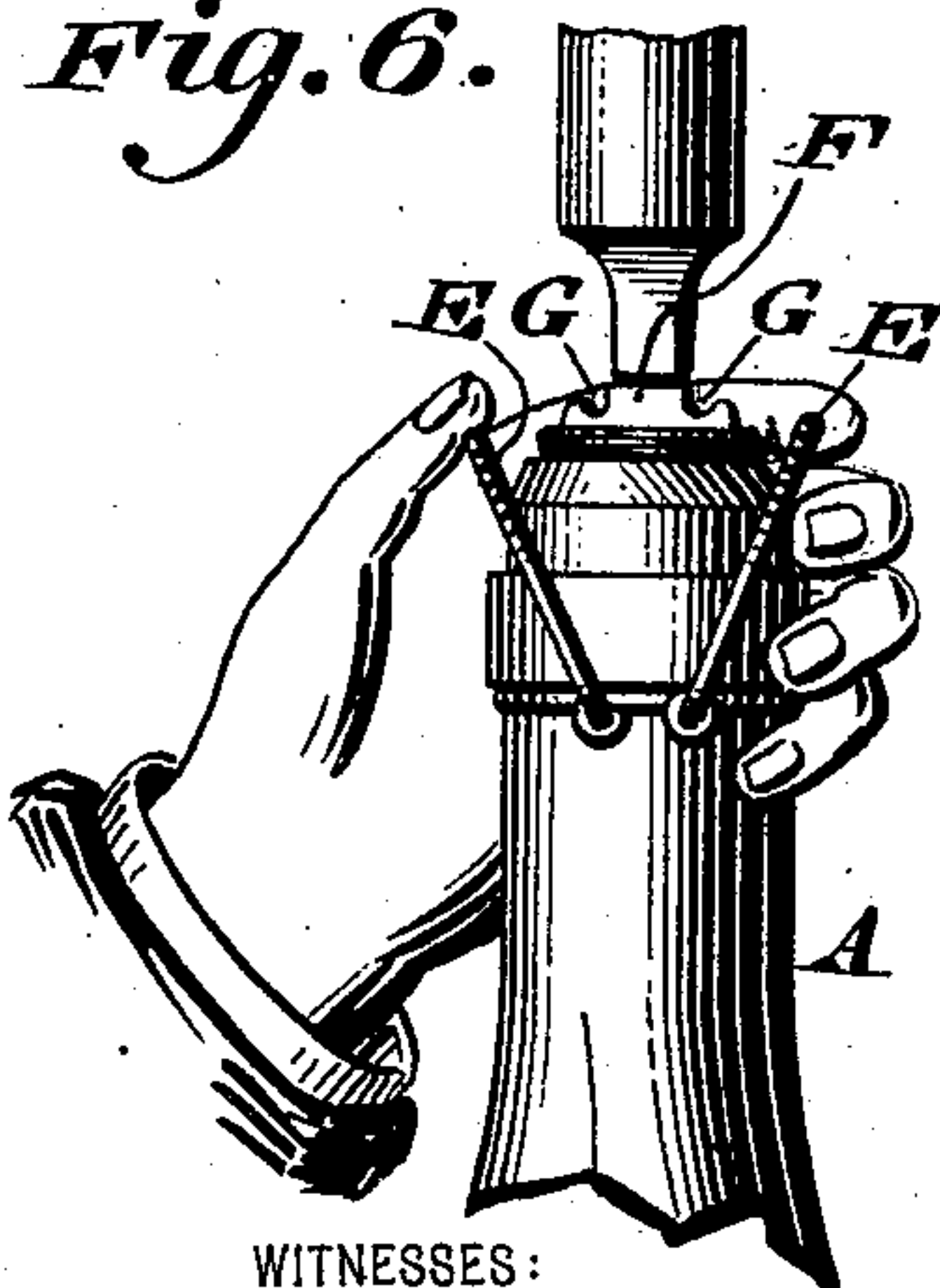


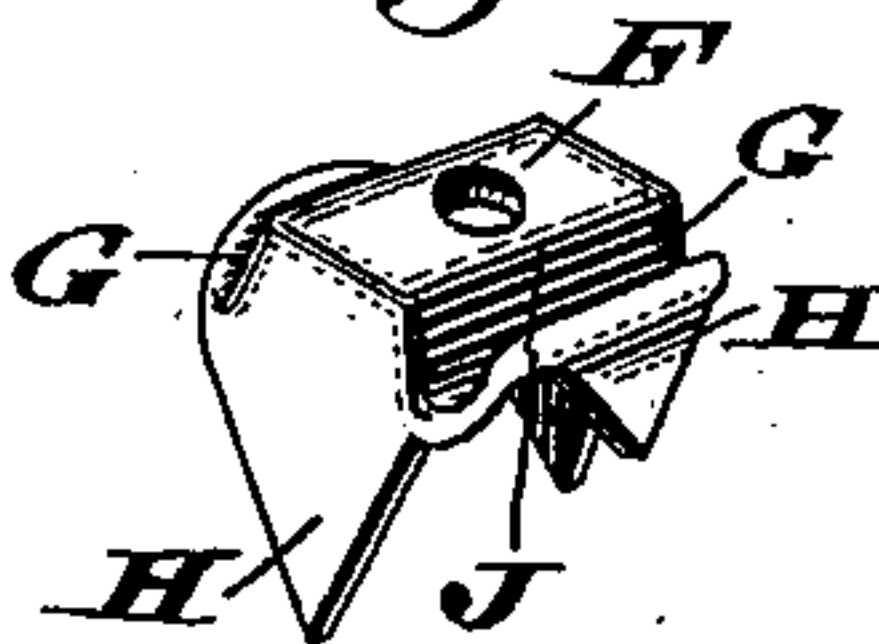
Fig. 6.



WITNESSES:

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Fig. 5.



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# UNITED STATES PATENT OFFICE.

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## CORK-RETAINER FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 590,793, dated September 28, 1897.

Application filed July 25, 1896. Serial No. 600,485. (No model.)

*To all whom it may concern:*

Be it known that I, MARTIN O. REHFUSS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Cork-Retainers for Bottles, which improvement is fully set forth in the specification and accompanying drawings.

My invention has for its object a cork-retainer which is efficient, simple, and inexpensive and may be easily and quickly manipulated, especially while bottling carbonated or other beverages, said retainer embodying a cap adapted to be fastened to the cork and two bails adapted to be seated on said cap, so as to simultaneously control the cork at different places, said bails being readily placed in position while the cork is held by the plunger of a bottling-machine.

Figures 1 and 2 represent side elevations of a cork-retainer embodying my invention. Fig. 3 represents a vertical section on line *x x*, Fig. 2. Fig. 4 represents a top or plan view thereof. Fig. 5 represents a perspective view of the cap employed. Fig. 6 represents a side elevation, showing the manner of operating the bails simultaneously with the action of the plunger of a bottling-machine.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates the neck of a bottle of ordinary construction and B designates a ring or band around said neck seated against the shoulder C thereof, said ring having on opposite sides the eyes D D, the same being in pairs and having mounted therein journals on the lower ends of the bails E, whose crowns are adapted to be seated on the cap F, which latter occupies a position on the top of the cork of the bottle, it being noticed that the upper face of said cap is formed with recesses G, extending across said face, to receive the crowns of the bails, and that said cap is furthermore provided with downwardly-projecting spurs H on its rim, which penetrate the cork, thus connecting the cap with the cork and preventing displacement thereof.

J designates a ridge which rises from the cap intermediate of the recesses G, the sides

of the same forming shoulders for limiting the inward or closing motion of the bails and also serving to guard the crown of the latter to prevent accidental displacement of the same from their seats on the cap.

The operation is as follows: The cork is introduced into the neck of the bottle and the bails are raised and their crowns forced over the sides of the cap, so as to be seated in the recesses G thereof, the cork being thus reliably controlled by the bails and the pressure from within serving to hold the cork more tightly against the bails, so that the latter are prevented from disengagement from the cap F. When, however, bails are forced outwardly, so as to leave seats on the cap, the cork may be extracted or removed either by first displacing the cap and employing a corkscrew or by introducing such implement through an opening in the cap in the cork, the effect being the same in either case. Furthermore, the bails may be closed and seated simultaneously with the action of the plunger of a bottling-machine, as illustrated in Fig. 6.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a cork-retainer, a cap having recesses in the top thereof, a ridge rising from said top between said recesses and adapted to receive the plunger of a corking-machine, and depending spurs, said ridge and spurs being integral with said cap.

2. In a cork-retainer, a cap having recesses in its top, and a ridge rising from said top between said recesses and adapted to receive the plunger of a corking-machine, said ridge having a corkscrew-opening therein.

3. A cork-retainer, consisting of a ring, provided with eyes on its opposite sides, a plurality of bails, having journals in said eyes, a cap having a plurality of recesses in its top extending across the latter, projecting spurs at the edges of said cap and a ridge located intermediate said recesses and adapted to receive the plunger of a corking-machine.

MARTIN O. REHFUSS.

Witnesses:

GEORGE REHFUSS,

JOHN GEORGE REHFUSS.