

C. SEDGWICK.
Bottle Stopper.

No. 202,059.

Patented April 2, 1878.

Fig. 1.

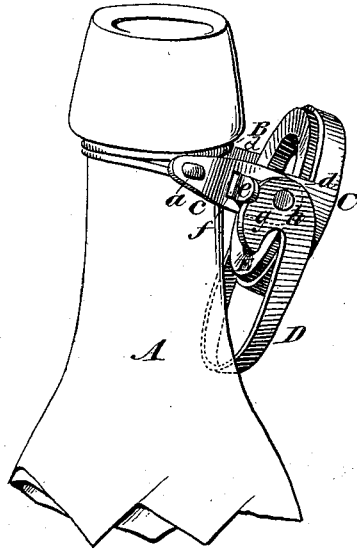


Fig. 5.

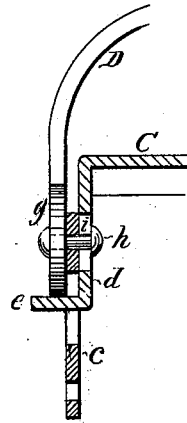


Fig. 2.

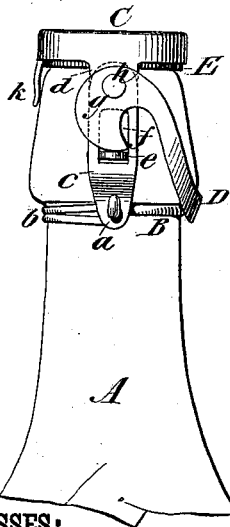


Fig. 4.

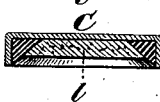
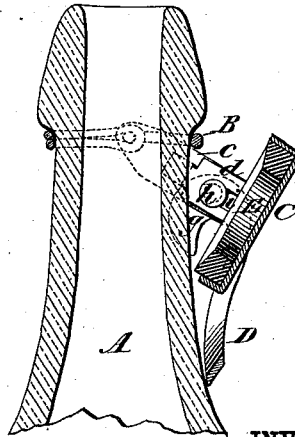


Fig. 3.



WITNESSES:

J. Scarborough.
Gustav Dietrich.

INVENTOR:

Charles Sedgwick

UNITED STATES PATENT OFFICE.

CHARLES SEDGWICK, OF NEW YORK, N. Y., ASSIGNOR TO HENRY W. PUTNAM,
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IMPROVEMENT IN BOTTLE-STOPPERS.

Specification forming part of Letters Patent No. **202,059**, dated April 2, 1878; application filed
February 21, 1878.

To all whom it may concern:

Be it known that I, CHARLES SEDGWICK, of the city, county, and State of New York, have invented a new and Improved Bottle-Stopper, of which the following is a specification:

Figure 1 is a perspective view of my improved bottle-stopper. Fig. 2 is a side elevation, partly in section, showing the stopper closed. Fig. 3 is a central vertical section. Fig. 4 is a diametrical section of the cap, showing the cork-faced elastic disk; Fig. 5, a detached sectional view.

Similar letters of reference indicate corresponding parts.

My invention relates to bottle-stoppers that are attached to the necks of bottles by means of jointed connections.

My invention consists in connecting the cap to the neck-wire by slotted pieces, to which are pivoted the cam ends of a yoke, that may be turned to bear on lips projecting from ears of the cap to depress the same.

In the drawings, A is a bottle-neck of the usual description, and B is a curved neck-wire, having ends *a*, that project laterally from opposite sides of the bottle-neck, for receiving the fastening-wire *b* and the perforated end of the slotted pieces *c*, each pivoted to one of the ends *a* at its lower end. C is a recessed cap, stamped from sheet metal, having ears *d* formed on opposite edges, which project downward parallel to the axis of the cap, and are bent outward at right angles at their lower ends, forming lips *e*, which project through slots *f* in the pieces *c*. D is a yoke, upon each end of which there is a cam, *g*, which turns on a stud, *h*, that projects from the face of the slotted piece *c* above the slot *f*, and engages with the lip *e* when the yoke D is turned on its pivots.

The cams are similarly arranged on both

sides of the bottle-neck. The studs *h*, which form the pivots of the cams *g*, project through slots *i*, formed in the ears *d*, and are provided with heads, which prevent the parts from separating.

Upon the edge of the cap C, midway between the ears *d*, there is a finger, *k*, that projects downward and stops the cap centrally over the bottle-mouth.

The recess in the cap contains a rubber packing disk or ring, E. In cases where rubber is objectionable the lower face of the disk is made concave, and to it is fitted a cork facing, *l*, as shown in Fig. 4. The cork facing is made of less diameter than the rubber disk, to permit the lower edges of the latter to come into contact with the outer surface of the bottle-nozzle.

The bottle is opened by raising the yoke D, when the cap C, being released, may be removed from the mouth of the bottle by swinging the whole on the ends of the neck-wire.

Stopping the bottle is simply the reverse of the process.

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

1. A bottle-stopper consisting of slotted pieces *c*, pivoted to the neck-wire, a cap, C, having ears *d* and lips *e*, extending through the slots of the pieces *c*, and a yoke having cam-shaped ends, pivoted to the pieces *c*, and bearing on the lips, substantially as set forth.

2. The cap provided with a stop, *k*, as specified.

3. The flanged cap C, provided with a ring of rubber, and central bevel-edged disk *l* of cork, as set forth.

CHARLES SEDGWICK.

Witnesses:

GEO. M. HOPKINS,
J. H. SCARBOROUGH.