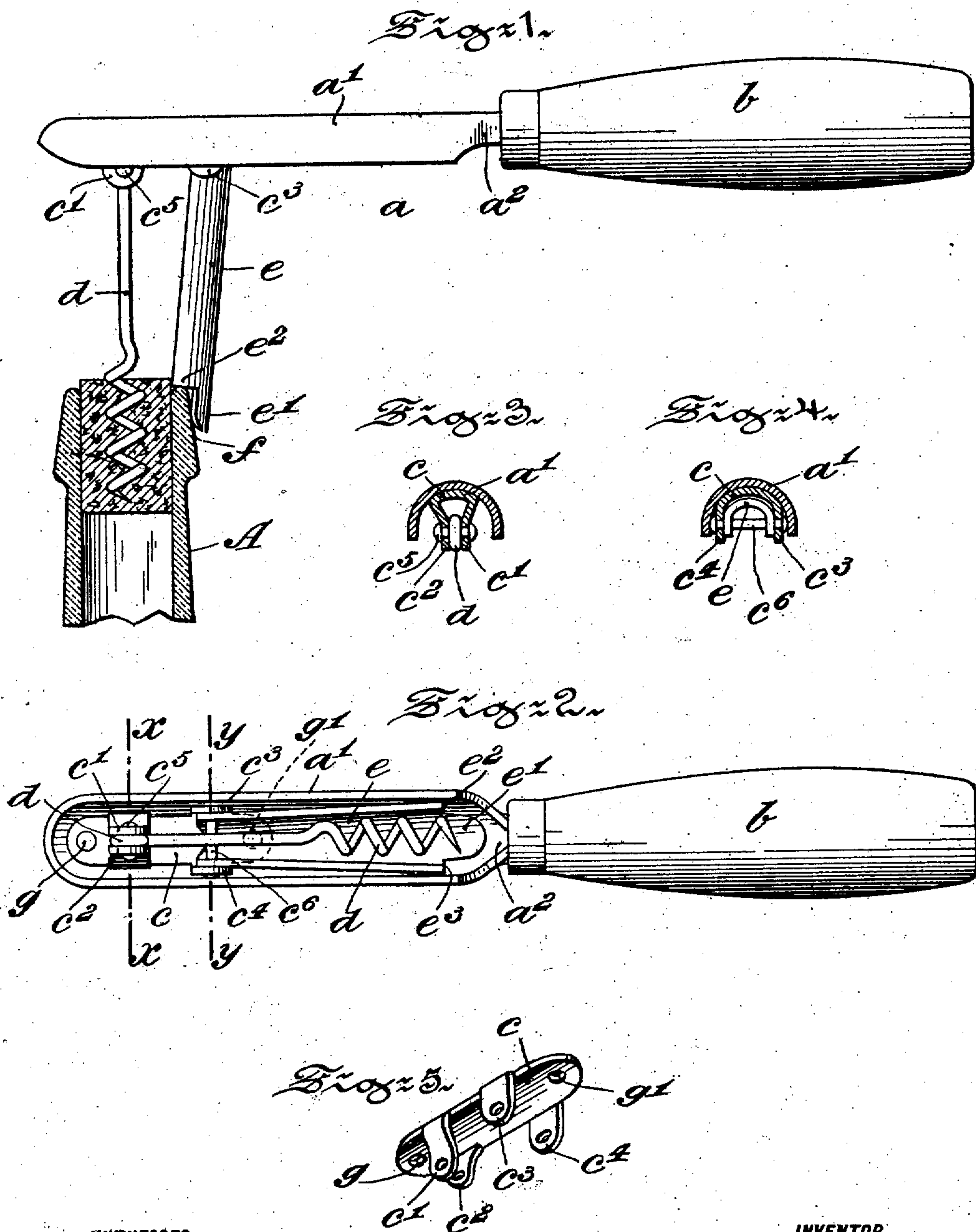


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PATENTED APR. 16, 1907.

C. S. REES.
CORK PULLER.

APPLICATION FILED JUNE 20, 1906.



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CORK-PULLER.

No. 850,184.

Specification of Letters Patent.

Patented April 16, 1907.

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To all whom it may concern:

Be it known that I, CHARLES S. REES, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Cork-Pullers, of which the following is a specification.

My invention has relation to a handy device for readily pulling a cork from the neck of a bottle; and in such connection it relates to the particular construction and arrangement of the device for such purpose.

The principal objects of my invention are, first, to provide a simple and effective device for pulling or removing a cork from a bottle, and, second, to provide a device of the character described in which when the corkscrew and fulcrum-piece of the device are out of operative relation to each other such can be readily folded onto each other, within a housing arranged to receive the same, out of the way of the operating-handle of the device.

The nature and scope of my present invention will be more fully understood from the accompanying drawings, taken in connection with the following description of my said invention, in which—

Figure 1 is an elevational view of a corked bottle with the screw and lever-arm of the pulling device embodying the main features of my invention in application to the cork and bottle-neck edge, showing, by the employment of said device, the manner of readily extracting or removing the cork therefrom. Fig. 2 is an underneath plan view of the device, showing the corkscrew and the fulcrum-piece closed onto each other within a housing arranged therefor and the operating-handle of the device. Figs. 3 and 4 are cross-sectional views on the lines xx and yy of Fig. 2, showing the detail arrangements of the base-plate fitting into the housing and from which plate the corkscrew and fulcrum-piece of the device are pivotally supported; and Fig. 5 is a perspective view of the base-plate, to which the cork-screw and fulcrum-piece of the device are respectively pivoted, but shown detached therefrom, and also showing the particular formation of the bearings for supporting the pivotal members.

Referring to the drawings, a is the cork-pulling device, provided, preferably, with a semicircular oblong housing a' , with a contracted tongue a^2 , to which is fitted a wood or other type of handle b .

c is a slightly-curved oblong metal plate having struck up from the sides of the same oblong bearings c' and c^2 for receiving, by means of a pivot c^5 , a corkscrew d , in rear of which corkscrew in the plate c are struck up circular perforated bearings c^3 and c^4 for receiving a fulcrum-piece e , which is connected with said bearings by means of a pin or pivot c^6 . The fulcrum-piece e is offset at the free end and formed into a projection e' for engaging the surface f of the bottle-neck, while the offsets e^2 and e^3 thereof engage the upper edge of the neck of the bottle A .

The base-plate for pivotally supporting the two operative members of the device is secured in the housing, preferably by being riveted thereto, at g and g' , as clearly shown in Figs. 2 and 5. The pivotal members of the plate c are arranged so as to lap over onto each other in an inoperative position thereof, with the corkscrew d simply fitting or nesting in the fulcrum-piece e , as clearly shown in Fig. 2.

In the position of the device as shown in Fig. 1 with the fulcrum-piece e in engagement with the surface and edge at two points of the neck of the bottle A and with the corkscrew d in engagement with the cork h in the neck of the bottle and by operating the handle b and therewith the fulcrum-piece e the cork can be quickly extracted or removed by being drawn upward from the bottle-neck, as can be readily understood from Fig. 1, without breaking or cracking the neck of the bottle in effecting the result. By the arrangement of the plate c in the housing a' , carrying and supporting pivotally therefrom the working members of the device, as hereinbefore explained, in case of breakage of either of them this plate can be readily removed by drawing out the rivets or other securing means holding the said plate and substituting therefor another, as occasion may require.

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

A cork-pulling device, comprising a lever element having a channeled or hollowed-out portion extending longitudinally thereof, a plate bent transversely to conform to the shape of said hollowed-out portion fixed therein to said lever element and having two sets of ears bent up into said hollowed-out portion from the opposite sides thereof, a corkscrew and a fulcrum-piece, each pivot-

ally mounted between the ears of one of said
sets to swing in the same plane, said fulcrum-
piece being bent transversely to fit when
folded within said hollowed-out portion and
5 to then receive in the channeled or hollowed-
out face the corkscrew when folded.

In witness whereof I have hereunto set my

signature in the presence of two subscribing
witnesses.

CHARLES S. REES.

Witnesses:

J. WALTER DOUGLASS,
THOMAS M. SMITH.