Sept. 25, 1934. J. WHITE ET AL 1,974,856

COMBINATION INSTRUMENT

Filed Oct. 12, 1933

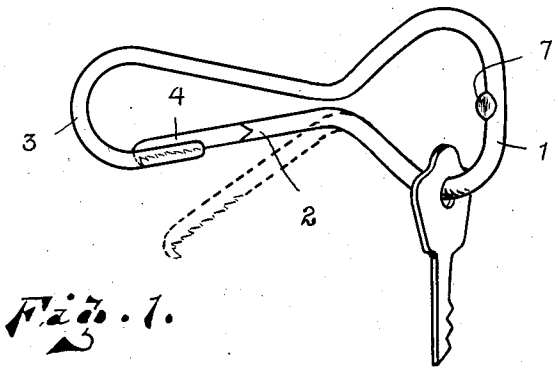



Fig. 1.

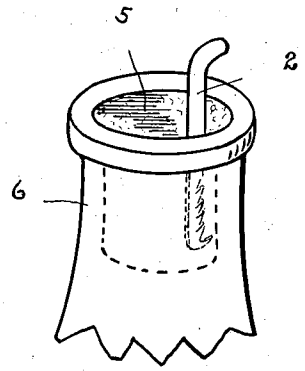



Fig. 2.

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# UNITED STATES PATENT OFFICE

1,974,856

## COMBINATION INSTRUMENT

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Application October 12, 1933, Serial No. 693,298

1 Claim. (Cl. 7—1)

This invention relates to a double purpose instrumentality, and has special reference to a combination receptacle opener and key-ring; the principal object being to produce a conveniently shaped pocket piece, and one especially adapted for either pulling a cork from a bottle or removing the common cap as found on bottles for the conveyance of beverages or the like and for holding keys.

Referring to the accompanying drawing forming part of this application and wherein like reference characters indicate like parts:

Figure 1 is a plan view of the instrument in closed position.

Figure 2 is a perspective view of the neck of a bottle having a cork therein and to which is applied the removing arm or leg of the instrument, about ready for removal of the cork.

It is thought the best descriptive word in respect to the general shape of the instrument is "panduriform", as, at one end, it is of slightly elliptical shape as at 1, forming what may be used as a key ring, while the other end is of lobular shape as at 3, or in other words having concaved sides intermediate of its ends. The lobular end acts as a keeper for the cork removing prong 2, and the inwardly turned end of the lobe 3 is slotted or has a V-shaped notch therein into which the toothed edge of the prong 2 may be snapped for protection; the device being constructed of spring material.

It is to be understood that the concaved sides of the instrument normally abut each other and to a sufficient extent as to insure against an opening occurring at this point when the prong 2 is released from its kept position in the lobe so that the keys, if any are being carried within the ring 1, will not fall from their kept position.

The end of the prong 2 is flattened as at 4 and provided with a serrated or toothed outer edge with preferably the teeth pointing slightly towards the ring end of the instrument so that when an obstinate cork, such as indicated at 5, is encountered, the flattened serrated end of the prong may be forced down intermediate of one side of the cork and the neck 6 of the bottle, and when therein a sufficient distance may be turned with the teeth into the cork and then withdrawn, simultaneously with the withdrawal of the cork, it being noted that the terminal tooth is slightly longer than the others and may conveniently function in being swung under the lower end of the cork and assist in the removal of same.

We have shown at 7 a flattened notch in the ring 1 so that when desired this end of the instrument may be used as a cap remover, which is somewhat common in the art.

Having thus described our invention, what we claim and desire to secure by Letters Patent, is:

In a combined key ring, bottle opener, and cork puller, the combination of a length of wire bent in the form of a ring at one end adapted for holding keys thereon, and in the form of a lobe at the other end, the ends of the wire being adapted to overlap so as to form a substantially continuous wire instrument, and one end being provided with a prong for use in withdrawing a cork from a receptacle.

JAMES WHITE.
DONALD G. BAXTER.