

No. 657,421.

Patented Sept. 4, 1900.

R. W. JORRES.

CORKSCREW.

(Application filed Feb. 24, 1900.)

(No Model.)

Fig. I.

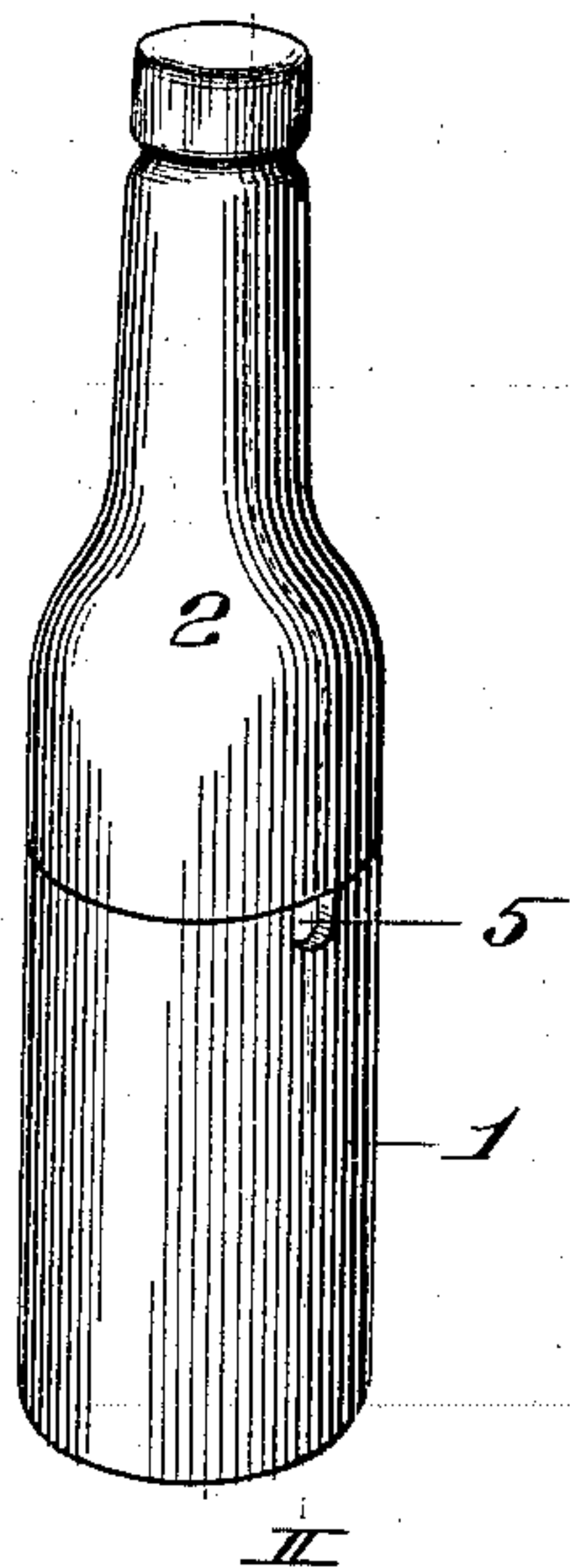


Fig. II.

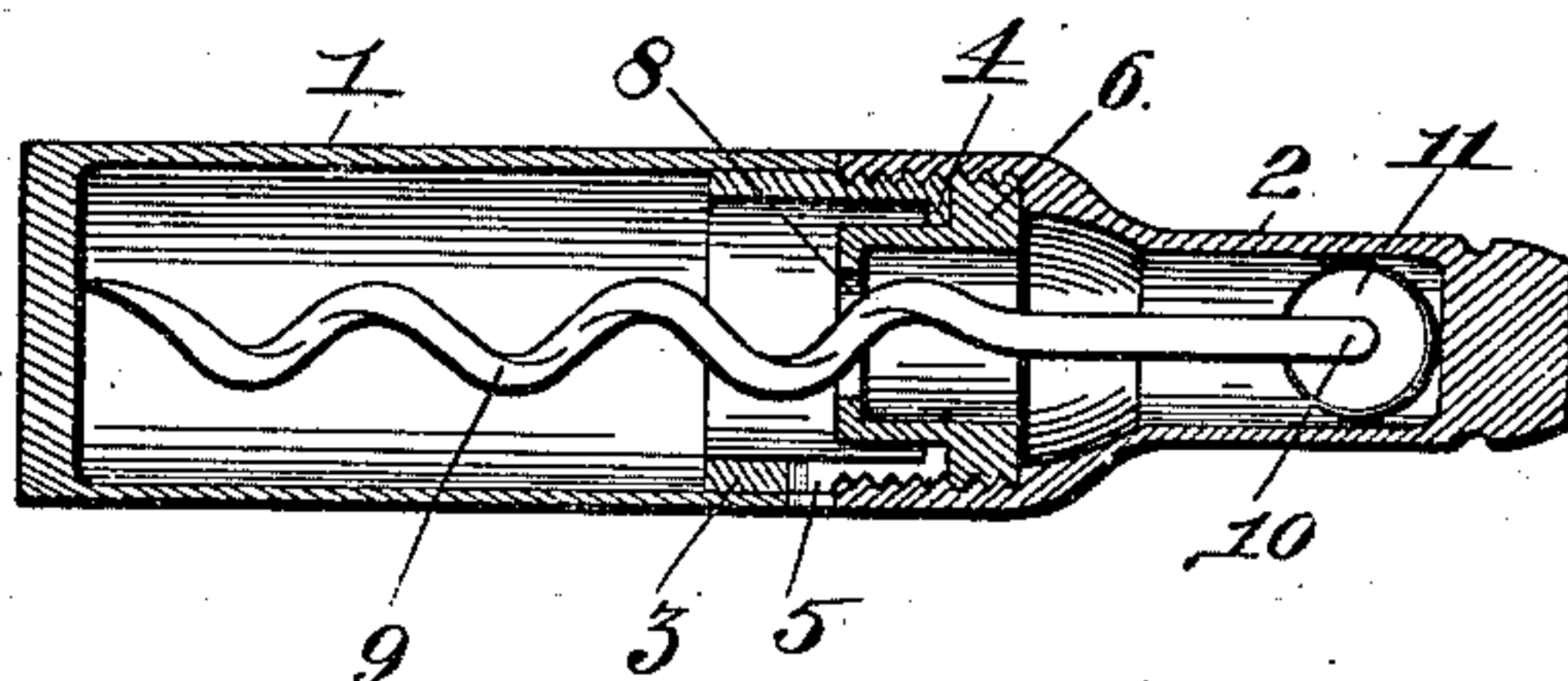


Fig. III.

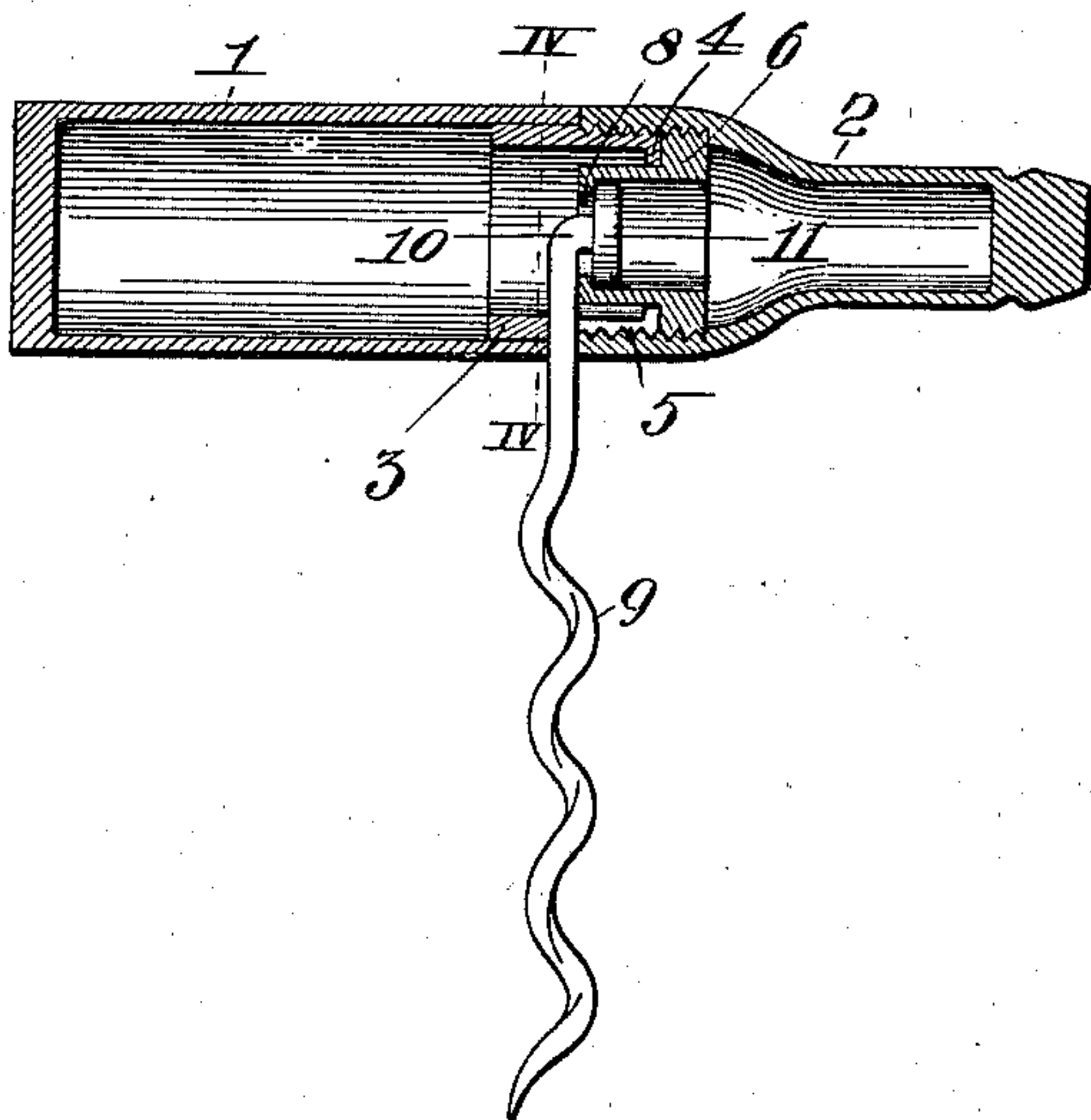
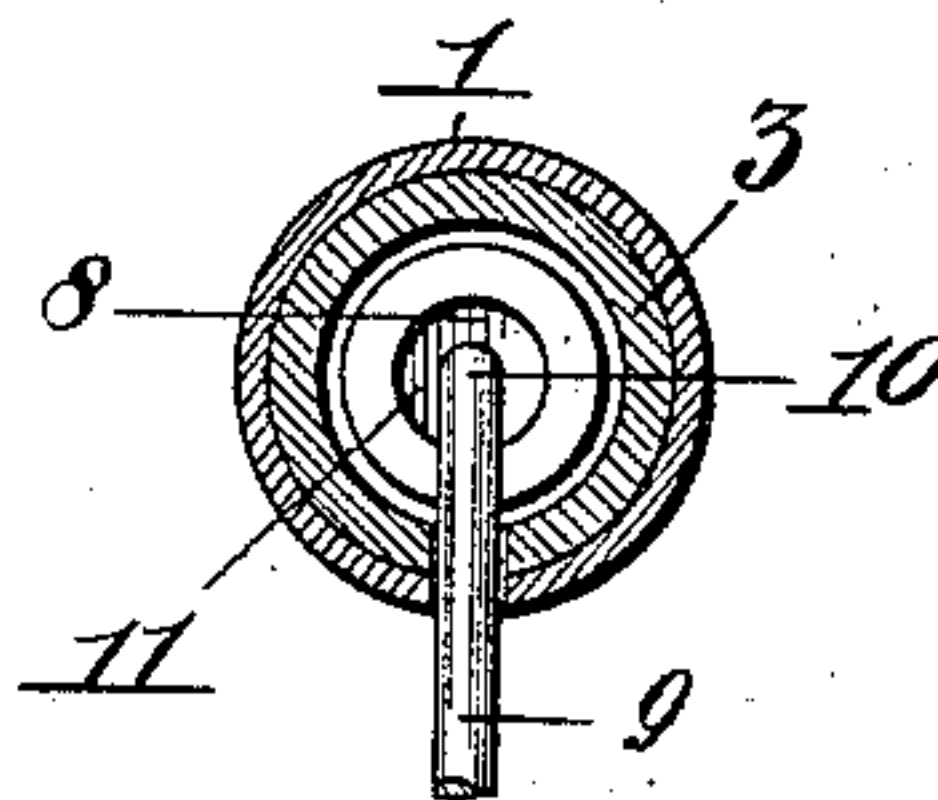


Fig. IV.



attest  
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# UNITED STATES PATENT OFFICE.

RALPH W. JORRES, OF ST. LOUIS, MISSOURI, ASSIGNOR TO WILLIAM A. WILLIAMSON, OF NEWARK, NEW JERSEY.

## CORKSCREW.

SPECIFICATION forming part of Letters Patent No. 657,421, dated September 4, 1900.

Application filed February 24, 1900. Serial No. 6,335. (No model.)

*To all whom it may concern:*

Be it known that I, RALPH W. JORRES, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Corkscrews, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to that class of corkscrews capable of being folded to be carried in a person's pocket; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a perspective view of my improved corkscrew. Fig. II is a longitudinal sectional view taken on the line II II, Fig. I. Fig. III is a longitudinal sectional view of the shell or handle with the screw withdrawn into position for use. Fig. IV is a cross-sectional view taken on the line IV IV, Fig. III.

1 and 2 designate the two hollow members that constitute the casing of the corkscrew when in closed condition and which serve as a handle when the corkscrew is in use. The two members are closed at their outer ends and are open at their meeting edges.

3 designates a collar secured to the member 1 and projecting beyond the edge of said member, where it is provided with a screw-thread that receives the screw-thread on the interior of the member 2. The outer end of the collar 3 is provided with a shoulder 4 and contains a slot 5, that extends from its outer end into the wall of the member 1, as clearly seen in Figs. I and II. When the casing or handle members are assembled, the slot 5 is closed except for the inner portion thereof, which is located beyond the meeting edges of said members.

6 designates a hollow plug tapped into the member 2. The rim of this plug bears against the shoulder 4 of the collar 3, so that when the two members are assembled the parts described are held firmly together. The plug 6 is provided with a contracted aperture 8, that receives the corkscrew 9. The shank of the corkscrew 9 is formed with a right-angle bend 10 and has fixed to it a button 11, adapted to lie in the hollow member 2 when the corkscrew is folded, as seen in Fig. II, or brought

into the position shown in Fig. III in the plug 6 when the corkscrew is unfolded and in condition for use. When the corkscrew is in the folded condition seen in Fig. II, it is only necessary to separate the members 1 and 2 by screwing them apart, the collar 3 being retained by the member 1 and the plug 6 remaining in engagement with the member 2. The corkscrew 9 is then drawn outwardly to move the button 11 on the shank thereof into the hollow plug, when the screw may be moved into a position at right angles to the length of the member 2, in which position it is seen in Fig. III. The two members 1 and 2 are then assembled by placing them together, with the shank of the corkscrew occupying the slot 5 in the collar 3, and when the two members have been firmly screwed together the shank of the screw will be moved to the bottom of the slot 5 in the member 1 and be held firmly between said members ready for use. The outer end of the member 2, being contracted, as shown, in imitation of the neck of a bottle, has a small interior into which the button 11 snugly fits, so that when the corkscrew is moved to non-using position it is held substantially in line with the longitudinal axis of the member 2, so that the member 1 can be easily applied.

I claim as my invention—

1. In a corkscrew, the combination of two hollow members adapted to be fitted together and one of which has a reduced outer portion, and a corkscrew having a button on its inner end to snugly fit in the opening of the reduced portion of one of the members, substantially as set forth.

2. In a corkscrew, the combination of two hollow members adapted to be screwed together and one of which has a reduced outer portion, a hollow plug fitted in the member having the reduced portion, and a corkscrew passing through said hollow plug and having a button on its inner end to snugly fit in the opening of the reduced portion of one of the members, substantially as set forth.

3. In a corkscrew, the combination of two hollow members adapted to be screwed together, a hollow plug fitted in one of the members and having a reduced aperture, a corkscrew having a button adapted to fit in said



, hollow plug, and to be turned at right angles to the plug, substantially as set forth.

4. A corkscrew consisting of two hollow members adapted to be screwed together, a  
5 threaded collar secured to one of the members, a hollow plug tapped into the other member, and a corkscrew having a button adapted to fit in said plug; said first-mentioned member and said collar being slotted  
10 to receive the corkscrew, substantially as set forth.

5. In a corkscrew, the combination of two hollow members, one of which is provided with a threaded collar, and the other of which

has a reduced portion, a hollow plug tapped 15 into the last-mentioned member; and a corkscrew having a button secured to the inner end thereof and adapted to fit in said hollow plug when the corkscrew is drawn out; said first-mentioned member and its collar being 20 slotted to receive the corkscrew, and said plug having a reduced aperture, substantially as and for the purpose set forth.

RALPH W. JORRES.

In presence of—

E. S. KNIGHT,  
N. V. ALEXANDER.