

No. 884,322.

PATENTED APR. 7, 1908.

C. DEUSCH.
CORK PULLER.

APPLICATION FILED JULY 6, 1907.

Fig. 1.

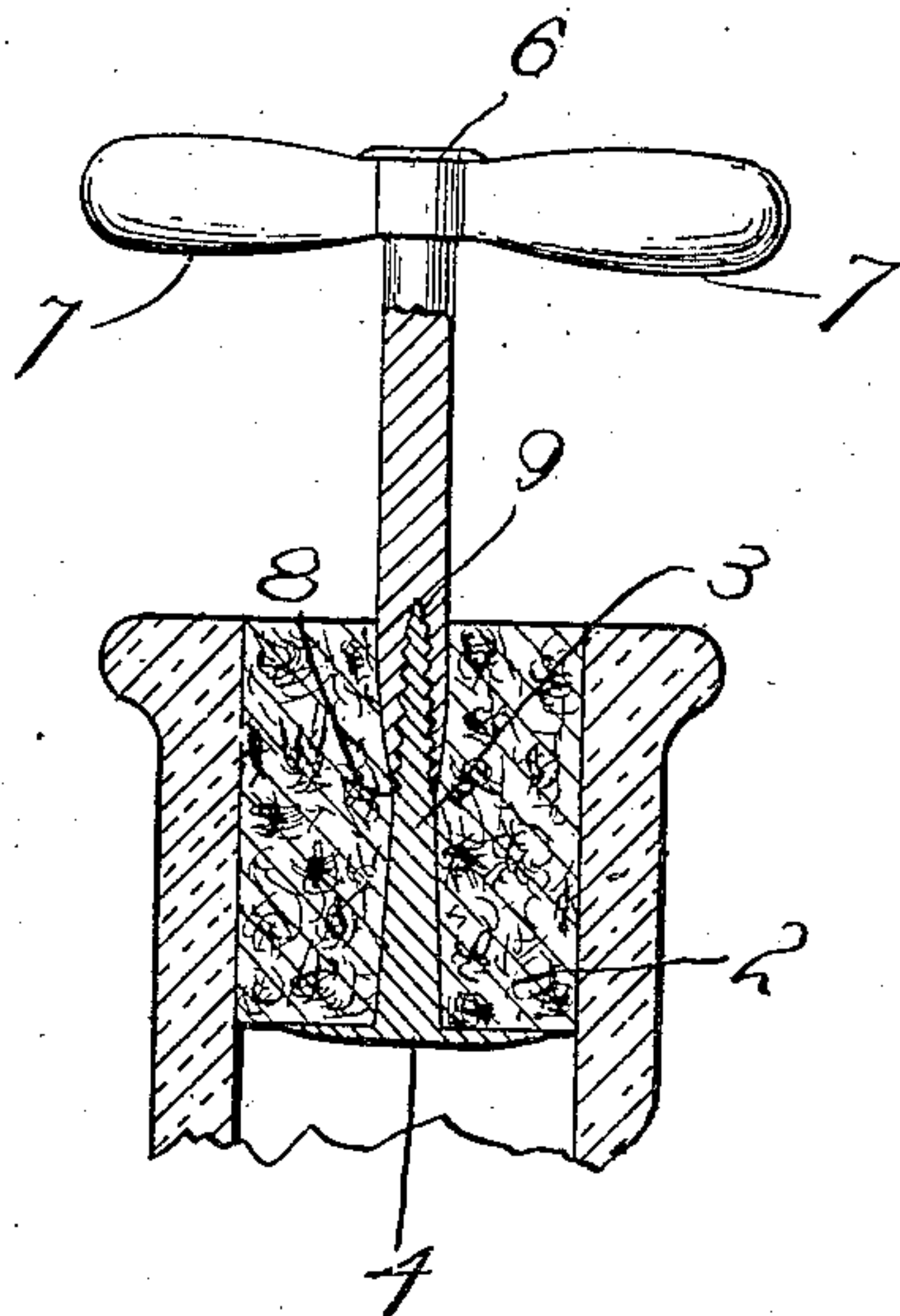


Fig. 2.

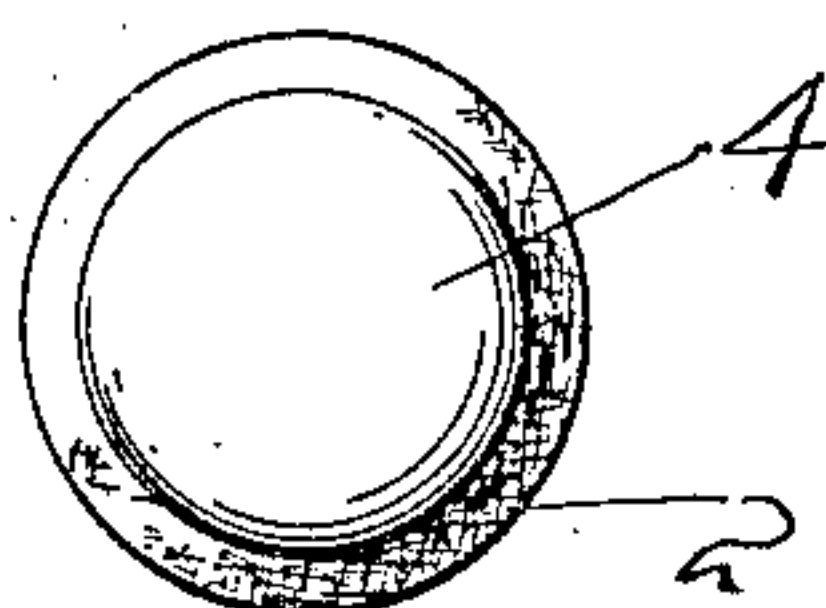
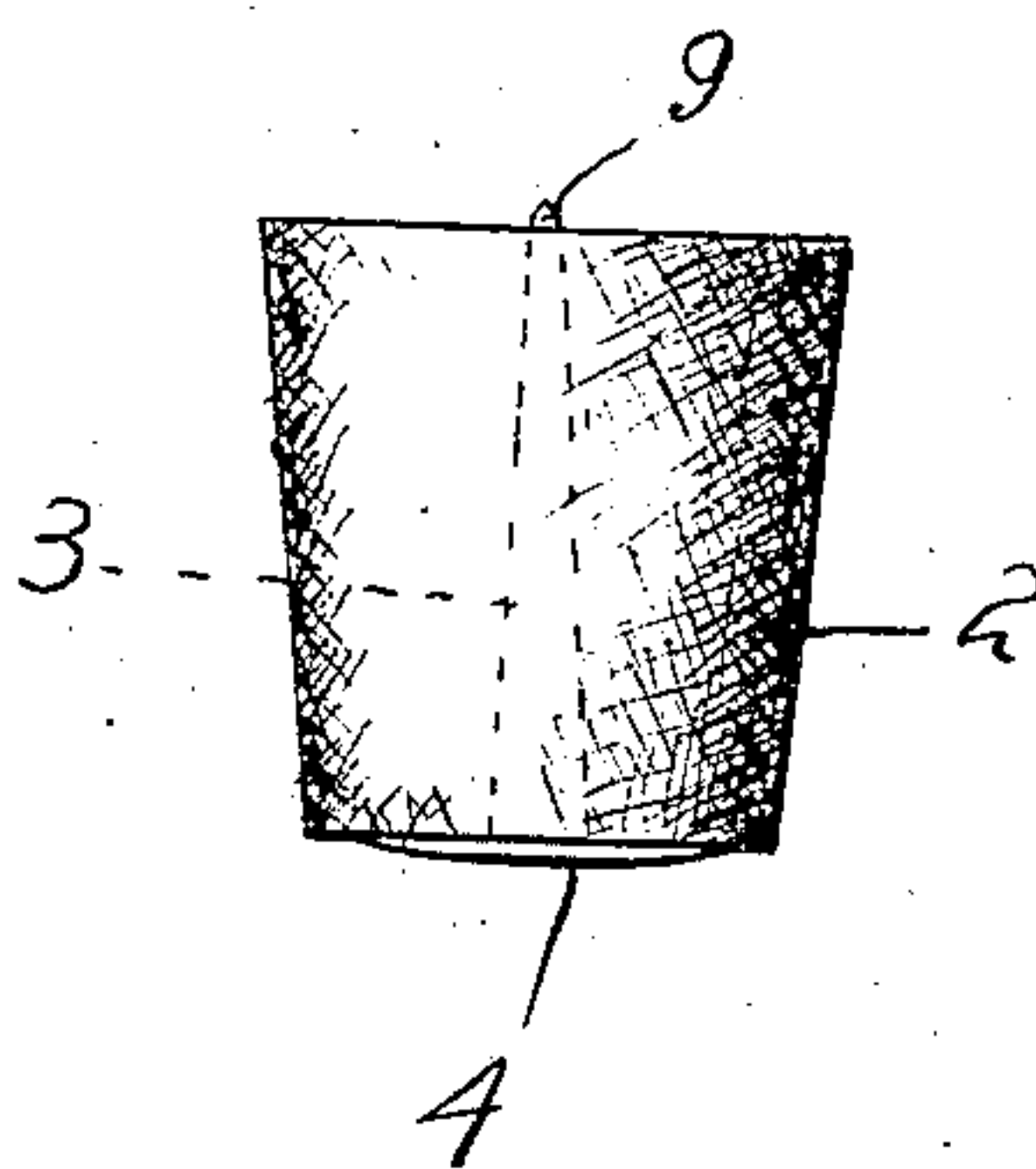


Fig. 3.



Witnesses

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CHARLES DEUSCH, OF STERLING, ILLINOIS.

CORK-PULLER.

No. 884,322.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES DEUSCH, a citizen of United States, residing at Sterling, in the county of Whiteside, State of Illinois, have invented certain new and useful Improvements in Cork-Pullers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to a "pullable" cork for bottles and means for withdrawing the cork.

It is the object of the invention to provide a cork with simple and efficient means, that will not in the slightest degree interfere with or detract from its qualities as a stopple to a common bottle, and which means will enable the cork to be engaged, when desired, by a key or puller to withdraw without damage thereto, so that the cork can be used again and again, if need be.

The nature of the invention is fully and clearly ascertainable from the device portrayed in the annexed drawings, forming a part of this specification, in view of which it will first be described with respect to its construction and mode of use, and then be pointed out in the subjoined claims.

Of the said drawings—Figure 1 is a vertical sectional view of my improved cork applied in a bottle with a key, also shown in section attached to the end of the extracting screw in the act of pulling the cork. Fig. 2 is a bottom view of the cork. Fig. 3 is a side elevation of the same.

Similar characters of reference designate similar parts or features, as the case may be, wherever they occur.

In the drawings 2 designates a stopple of common cork, rubber or other substance, through the longitudinal center of which is turned a tapered screw 3, provided with a head 4 which is at all times in engagement with the bottom of the cork. The screw is turned through the cork from the bottom upward, and its length is such that it will barely project beyond the upper surface of

the top of the cork to the extent of, say one-sixteenth of an inch.

6 designates a key having lateral arms 7, and a threaded hole 8 in the bottom of its shank of a size and structure that will adapt it to engage the projecting end 8 of the screw 3 at the top of the cork and be turned down thereon to an extent to get a hold on the end of the screw that will enable the key to pull the cork out of the bottle.

After the cork has been withdrawn from the bottle it can be released from the key and be used again and again as long as it shall maintain its integrity. It is essential that the shank of the screw shall be relatively small and that it shall be tapering at its upper end portion. Of course its upper end may not be made into an exact point but it must project far enough for the key to get a hold on its thread.

One of the objects of the invention is to provide corks of varying size, as in the usual manufacture of corks, that can be used in the common way as stopples, and any size be rendered capable of being withdrawn by a common key. It is essential that the top of the cork should hug the screw 2 tightly at its upper end, so that there shall be no indentation or other feature in the upper surface to gather water and dirt that may eventually get into the bottle in any way.

What is claimed is—

A cork for bottles having a flat top and a flat bottom, and a headed screw provided with a threaded shank extended longitudinally through the cork from top to bottom, the head of the screw being disposed at all times on the bottom of the cork and the free point projecting slightly above the plane of the upper end, and being closely hugged by the cork at its upper surface to prevent the collection of water and dirt.

In testimony whereof I affix my signature, in presence of two witnesses.

CHARLES DEUSCH.

Witnesses:

JOHN WAGNER,

HENRY R. REITZEL.