Sept. 6, 1927. 1,641,152

R. B. BURLEIGH

TOOL FOR REMOVING JAR CAPS

Filed May 12, 1925

Fig. 1.

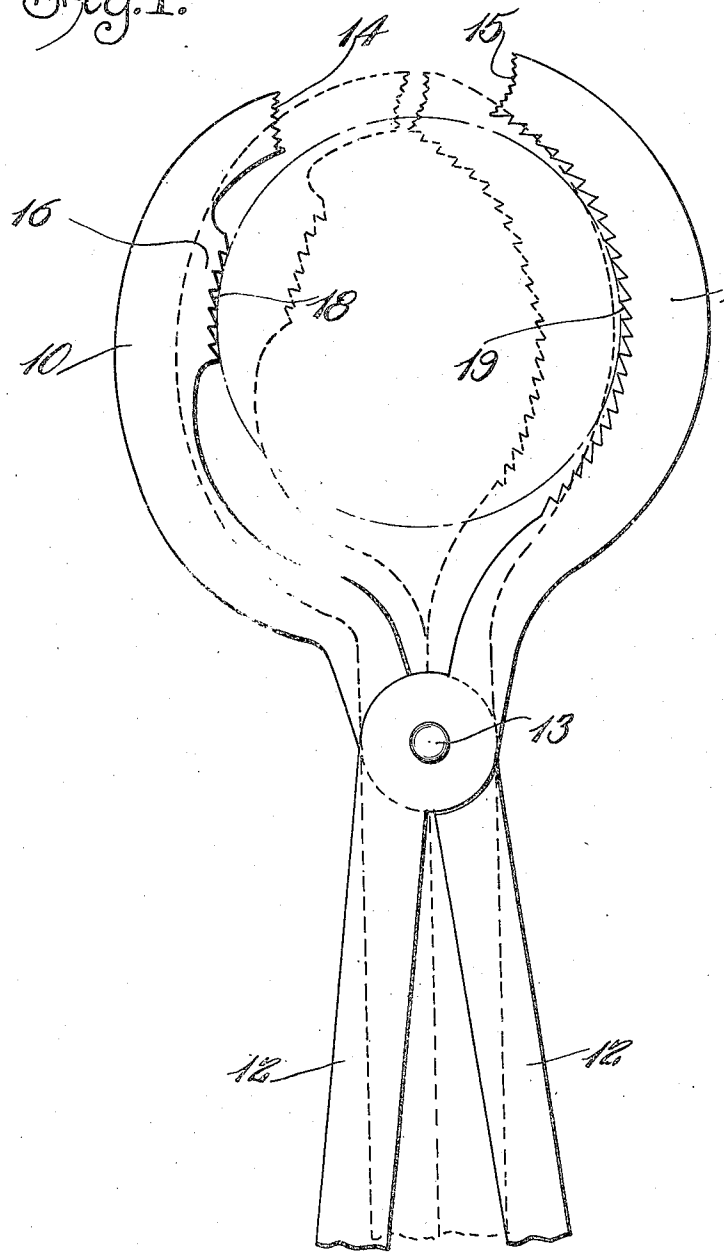
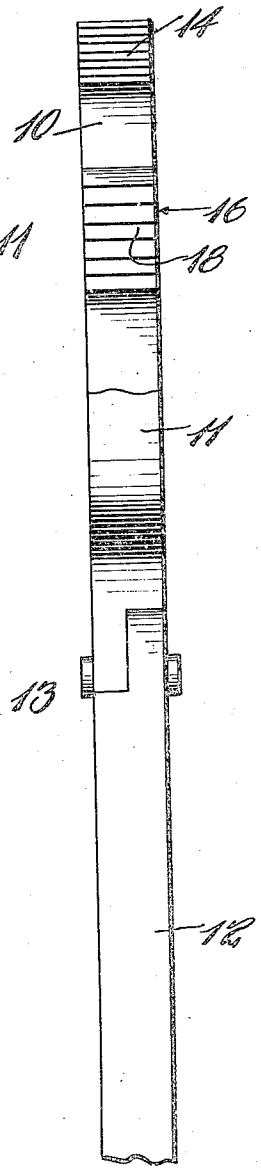


Fig. 2.



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UNITED STATES PATENT OFFICE.

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TOOL FOR REMOVING JAR CAPS.

Application filed May 12, 1925. Serial No. 29,762.

This invention relates to tools for removing jar caps.

An important object of the invention is the provision of a plier like implement, the jaws of which are movable to clamp jar caps of different sizes which are to be removed.

A further object of the invention is to provide a pair of jaw members movable to open and closed positions, one of the jaw members having a short concavely curved toothed surface for engagement with the jar top at one side thereof, the other of the jaw members having an oppositely curved toothed surface of considerable length so that a proper clamping engagement may be had with jar caps of a large range of sizes.

These and other objects I attain by the construction shown in the accompanying drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention and wherein:—

Fig. 1 is a side elevation of a jar cap remover constructed in accordance with my invention; and

Fig. 2 is an edge elevation thereof, one of the jaws being broken away.

Referring now more particularly to the drawings, the numerals 10 and 11 indicate jaws having handles 12 by means of which they may be operated about a pivot 13. The jaws 10 and 11 are oppositely bowed, as shown, and have their free ends arranged in opposition and provided with opposed concave toothed gripping faces 14 and 15, these faces being each concave and serving for gripping small caps such as the screw covers of bottles and the like.

The jaw 10 has projecting inwardly therefrom at its approximate center a lug 16, the inner end of which is concavely curved and provided with teeth 18. The jaw 11 has its inner surface 19 provided with teeth and is oppositely curved. The curves of the lug and the opposed face 19 of the jaw 11 are preferably similar, that is to say, the curve of the lug is made with the same radius as the curve of the inner face of the jaw and the lug 16 is shorter than the toothed portion of the jaw 11.

It will be obvious that a device constructed in accordance with the foregoing may be very readily produced and will be capable of handling practically the entire range of jar bottle tops met with in ordinary household work. It will furthermore be obvious that the construction hereinbefore set forth is capable of a certain range of change and modification without materially departing from the spirit of my invention and I accordingly do not limit myself to such specific structure except as hereinafter claimed.

I claim:—

1. A jar cap remover, comprising a pair of plier connected members with one jaw of one of the members being provided with a centrally disposed inwardly extending lug, the inner face of which is concavely curved upon an arc of the same radius as the opposed jaw but shorter in length, the opposed face of the other jaw being oppositely curved, said curved face of said lug and the inner face of the last-named jaw being provided with gripping teeth with the teeth on one jaw being extended in a direction opposite the teeth upon the other jaw.

2. A jar cap remover, including opposed arcuate curved jaw faces with one jaw being provided with an inwardly extending lug, the inner face of which is curved upon an arc of the same radius as the opposed jaw, the arcuate face of said lug being considerably shorter than the arcuate face of the opposed jaw, the curved face of said lug and the inner face of the opposed jaw being formed with oppositely directed gripping teeth.

In testimony whereof I hereunto affix my signature.

RUFUS B. BURLEIGH.