April 30, 1929. J. H. CROWELL 1,711,225

BOX HOLDER AND OPENER

Filed March 7, 1924

Fig. 1.

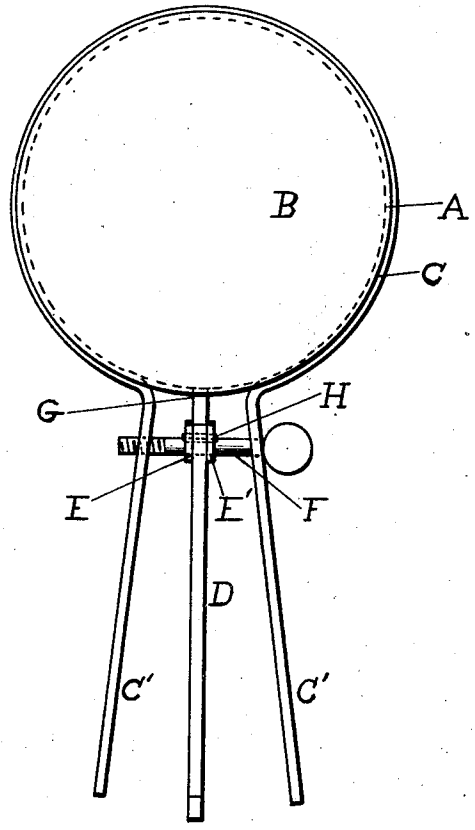
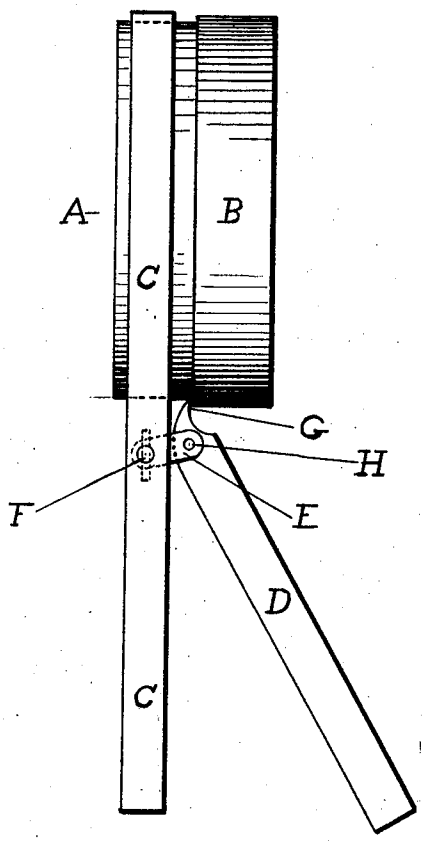


Fig. 2.



WITNESSES

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Patented Apr. 30, 1929. 1,711,225

UNITED STATES PATENT OFFICE.

JOHN H. CROWELL, OF TISBURY, MASSACHUSETTS.

BOX HOLDER AND OPENER.

Application filed March 7, 1924. Serial No. 697,623.

The purpose of my invention is to provide a neat and convenient adjustable holder for boxes and containers for shoe blacking and other hand soiling substances and one by means of which the contained material can be used without soiling the hands of the user, the holder at the same time being readily adjustable to securely hold the container for use.

To these ends my invention consists in the new and useful construction, combination and arrangement of parts hereinafter described and shown in the accompanying drawing in which,

Figure 1 is a plan of the entire box holder and opener;

Figure 2, an elevation of the box holder and opener.

Similar letters refer to similar parts in the two views.

A represents the box, and B its cover,

C is a metal band nearly surrounding the box A and terminating in projections or arms, C′, C′, which are drawn together by the winged bolt F, which tightens the band C, around the box whereby said band is rendered adjustable to boxes of differing diameters, thus the band C and its projections C′, C′, and bolt F constitute the holder of the box A. D is a lever in position for operation to lift off the cover B, having its short end in the form of a hook G, which can be projected under the edge of the cover B. Said lever D, is connected by the links E, E′, and pin H, to the bolt F, which together form a toggle jointed lever the object of which is not only to produce a powerful leverage for removing the cover B from the box A, but to increase the motion of the hook G, and cause it to follow in a straight parallel line with the side of said box.

It will be noted that the band or holder C instead of being a complete ring is divided on one side to form an opening on each side of said opening and is outwardly turned to form arms C, C^1 which are each perforated to receive a wing bolt F, and that said band is by the operation of said bolt readily adjusted to securely hold boxes or containers of varying diameters. This construction permits repeated and continuous use of my holder for boxes and containers of varying diameters.

What I claim as my invention and desire to secure by Letters Patent, is—

A box holder and opener the character shown and described, the same consisting of an annular band open on one side and provided on each side of said opening with an outwardly projecting ear, each of said ears being perforated, a wing bolt fitted in said perforations and arranged and adapted to serve both as a pivot and a fulcrum for a toggle jointed lever comprising a lever and a link pivoted thereon.

JOHN H. CROWELL.