(No Model.)

W. M. DOTY.

COMBINED CAN HOLDER AND FUNNEL.

No. 292,629. Patented Jan. 29, 1884.

Fig. 1.

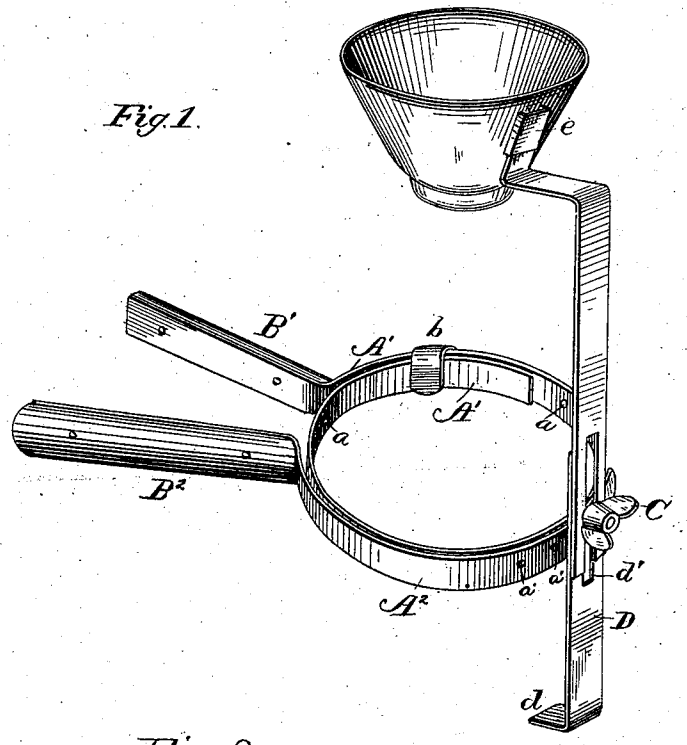


Fig. 2.

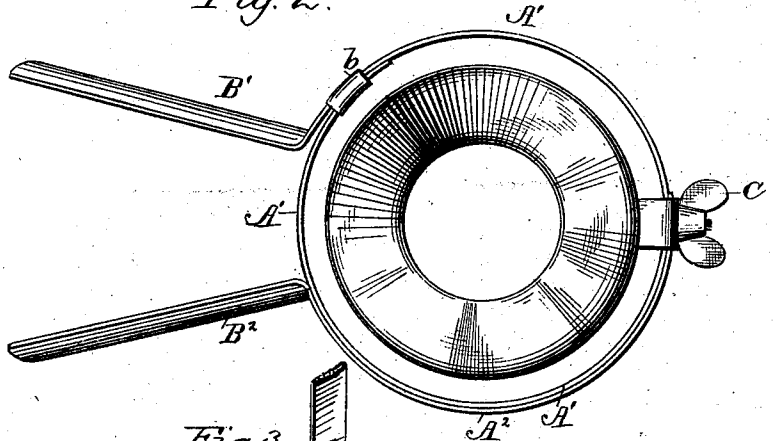
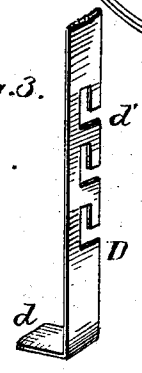


Fig. 3.



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UNITED STATES PATENT OFFICE.

W. MARK DOTY, OF BIGGS' STATION, CALIFORNIA.

COMBINED CAN-HOLDER AND FUNNEL.

SPECIFICATION forming part of Letters Patent No. 292,629, dated January 29, 1884.

Application filed November 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. DOTY, a citizen of the United States of America, residing at Biggs' Station, in the county of Butte and State of California, have invented certain new and useful Improvements in Combined Can-Holder and Funnel; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in implements for carrying and filling fruit-jars, and the same is intended more especially as an improvement on my patent dated September 5, 1882, and numbered 263,772, the object of my present invention being to provide an adjustable spring-band and a foot which will support the jar, as will be hereinafter more fully set forth, and pointed out in the claims.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view. Fig. 2 is a plan view, and Fig. 3 a detail view.

A represents a spring metal band, which is made in two parts, as indicated by the letters $A' A^2$, which parts are respectively attached to the non-conducting handles $B' B^2$. The portion A′ of this spring-band is bent in circular form, except that portion which is attached to the handle, and is provided at suitable points with perforations *a*, and also with a guide, *b*, which consists of a piece of metal, which is riveted or otherwise secured to the band A′, and is bent over upon the same, so as to leave a passage-way for the end of the spring-band A′, as shown. The portion of the band A^2 is provided with perforations *a a′* at one end, and at the opposite end is secured to the handle B^2, and the parts of the spring-band or jar-carrier are united to each other at a point nearly opposite the handles by a thumb-nut, C. It will be seen that by means of the perforations in these bands the same may be adjusted for jars of different diameters, and the spring-bands, when bent upon themselves, as shown, will have a tendency to throw the handles open and enlarge the distance between the sides of the bands, so as to form a circle of larger diameter than when the handles are closed. This jar-carrier may be used, if desired, independently of the attachments, which I shall now proceed to describe. Secured to this spring-band by means of a thumb-nut, C, which holds the parts of the band to each other, is a funnel-holding attachment, substantially as shown in my previous patent, though the funnel is constructed so as to be readily removed from the standard, which standard is adjustable vertically. By means of the bolt and thumb-nut C, which unite the parts of the spring-band or jar-carrier to each other, the funnel attachment is held in position, and the same thumb-nut and bolt also secure in position the portion or strap D, which is bent at right angles, or nearly so, at its lower end, *d*, and is provided at its upper end with a slot, *d′*, or notches, as shown in Fig. 3.

The foot *d* is intended to be placed under the bottom or base of the jar, in order to hold the same more secure against vertical displacement.

The vertical adjustment of the funnel attachment and the arm D may be made by other means than the slot, as shown; for instance, notches or grooves may be made in the same, so that said grooves will rest upon the screw.

The funnel is provided with a box, *e*, in which the upper part of the arm is inserted, in order to hold the funnel in position, so that it can be readily removed when desired.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with a fruit-jar holder, a vertical adjustable arm, D, having a bent portion, *d*, adapted to extend under the base of the jar, substantially as shown.

2. A fruit-jar holder consisting of the spring-bands $A' A^2$, provided with perforations *a a′*, and handles $B' B^2$, one of said bands being provided with a loop, *b*, and connected to each other by a set-screw, for the purpose set forth.

3. In combination with the fruit-jar holder

herein described, a funnel-support and a downwardly-projecting arm with bent portion, as shown, for the purposes set forth.

4. In combination with an adjustable jar-holder, a vertically-adjustable arm for supporting a funnel, and an adjustable downwardly-projecting arm bent at its lower end as shown, the parts being united to each other by a single set-screw, substantially as shown, and for the purpose set forth.

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

W. MARK DOTY.

Witnesses:
P. G. BROWN,
F. L. LA BONTA.