

L. J. GRAFFORT & P. L. HOFFMAN.

FRUIT JAR WRENCH.

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976,868.

Patented Nov. 29, 1910.

Fig. 1.

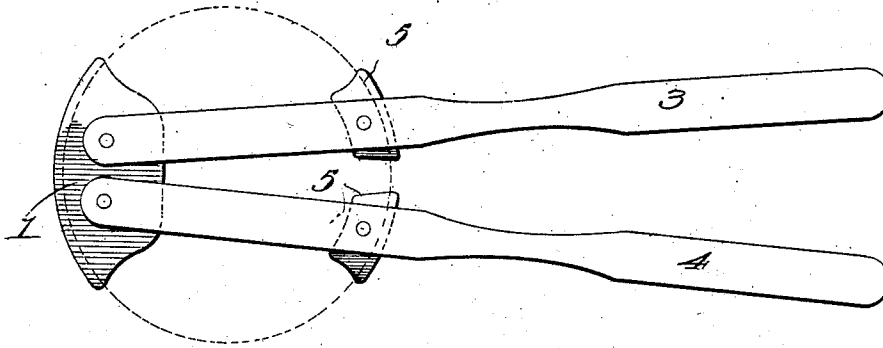
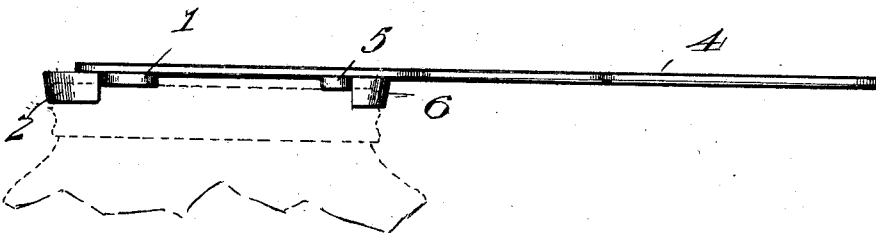


Fig. 2.



WITNESSES

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LORY J. GRAFFORT AND PETER L. HOFFMAN, OF NEW CARLISLE, INDIANA.

FRUIT-JAR WRENCH.

976,868.

Specification of Letters Patent.

Patented Nov. 29, 1910.

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To all whom it may concern:

Be it known that we, LORY J. GRAFFORT and PETER L. HOFFMAN, citizens of the United States, residing at New Carlisle, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Fruit-Jar Wrenches, of which the following is a specification.

This invention relates to jar wrenches for removing the screw caps from jars, and the principal object of the same is to provide a wrench of the type specified with novel cap clamping means adjustable with relation to the cap, thereby adapting the wrench for use in connection with jars of different sizes.

In carrying out the objects of the invention generally stated above it will be understood, of course, that the essential features thereof are necessarily susceptible of changes in details and structural arrangements, one preferred and practical embodiment of which is shown in the accompanying drawings, wherein:—

Figure 1 is a top plan view of the improved jar wrench. Fig. 2 is a view in side elevation thereof.

Referring to said accompanying drawings by numerals, it will be seen that the improved wrench comprises a body in the form of a main clamping plate 1, the outer edge of which is provided with a pendent gripping flange 2 that is curved on an arc of a circle and adapted to engage one portion of the periphery of a jar cap. Said plate 1 has the elongated handles 3 and 4 pivotally connected thereto, each handle having a depending auxiliary clamp 5 pivotally con-

nected thereto. Said clamps are preferably formed of a flat body plate, the rear edge of which is provided with a pendent gripping flange 6 that is curved on an arc of a circle. The clamps 5 are smaller than the plate 1, and engage the jar cap at points opposite said plate, as indicated by dotted lines in the accompanying drawings.

In use, the handles are spread apart, and the plate 1 placed over the cap, as indicated in the drawings, and the handles brought together, which forces the clamps 5 into binding engagement with the cap, so that by rotating the wrench, the cap can readily be removed from a jar, or placed in position thereon.

Clamps 5 being loosely pivoted to the handles, it will be readily seen that they automatically adjust themselves to the cap.

It will also be seen, that the method employed for connecting the clamps to the handles facilitates the use of the wrench on caps of various sizes.

What we claim as our invention is:—

A jar wrench comprising a main clamping plate provided with a depending flange, handles pivoted to said plate, and depending auxiliary clamping members pivoted to said handles and each provided with a depending flange.

In testimony whereof we affix our signatures in presence of two witnesses.

LORY J. GRAFFORT.
PETER L. HOFFMAN.

Witnesses:

O. R. BROWNSMITH,
WM. ROBINSON.