D. SHERWOOD & G. D. DUDLEY.

Fruit-Jar Wrench.

No. 213,698. Patented Mar. 25, 1879.

Fig. 3

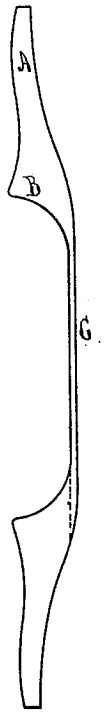


Fig. 1

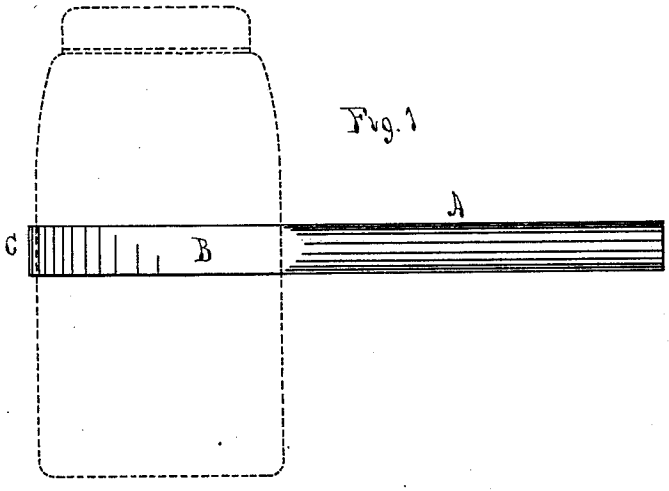
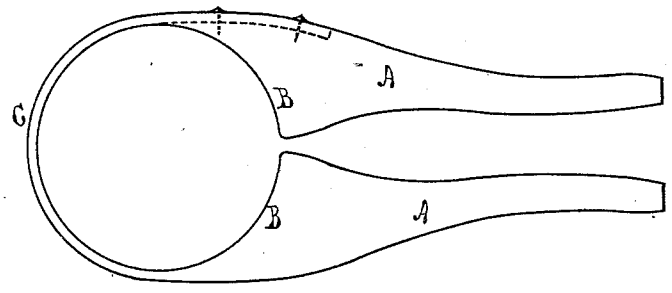


Fig. 2



Witnesses

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UNITED STATES PATENT OFFICE.

DANIEL SHERWOOD AND GEORGE D. DUDLEY, OF LOWELL, MASSACHUSETTS, ASSIGNORS TO WOODS, SHERWOOD & CO., OF SAME PLACE.

IMPROVEMENT IN FRUIT-JAR WRENCHES.

Specification forming part of Letters Patent No. **213,698**, dated March 25, 1879; application filed February 8, 1879.

To all whom it may concern:

Be it known that we, DANIEL SHERWOOD and GEORGE D. DUDLEY, of Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Fruit-Jar Wrenches, of which the following is a specification:

The invention relates to fruit-jar wrenches or holders for holding fruit-jars while the cover is being put on or off.

Heretofore such wrenches have been constructed by organizing several different parts and materials into one device, which, no matter how well it may have served the purpose, must be subject to the imperfections to which compound constructions are liable, some of which would ultimately reduce its strength and durability, and others its utility by rendering it difficult to clean and keep in order.

The object of our invention is to avoid these imperfections, and furnish a wrench that shall at once be clean, handy, light, cheap, and durable, having in fact all the merits which can be claimed for any others without their defects.

This we accomplish by constructing our wrench wholly of one material and substantially of one piece, preferably using as such material wood, as having most largely all the merits heretofore enumerated.

In the accompanying drawings, in which similar letters indicate like parts, Figure 1 represents our improved wrench in operative position. Fig. 2 shows a plan view of the same. Fig. 3 shows the form as cut from the wood and before bending.

The handles A A, jaws B B, and band C are constructed of one piece, and, when of wood, by sawing in such manner that the grain will be continuous through the band and a large part of the jaws and handles. The form is then steamed and bent into shape, after which the article is ready for use.

Care should be taken in making the wrench to select stock having sufficient thickness to form a band or strap connecting the handles which shall be practically rigid in cross-section, in order that at all times the handles shall remain substantially parallel and in the same plane, that they may be grasped by one hand whenever wanted.

This device may be formed of three pieces, as shown by the dotted lines in Figs. 2 and 3, without departing from the spirit of our invention; but we prefer to construct it all in one piece, as there are then no seams or joints to accumulate dirt, or be damaged by moisture, rust, or other destructive causes.

It will be observed that by the use of wood we form a wrench which needs no adhesive facing within the band, the material itself being sufficiently adhesive to maintain a firm hold upon the jar. We thus avoid the use of material which is difficult to clean and preserve in condition.

What we claim as new and of our invention is—

A fruit-jar wrench having handles and jaws made of wood, united by a resilient band bent into shape and formed of the same material.

DANIEL SHERWOOD. [L. S.]
GEORGE D. DUDLEY. [L. S.]

Witnesses:
DAVID HALL RICE,
LEPINE C. RICE.