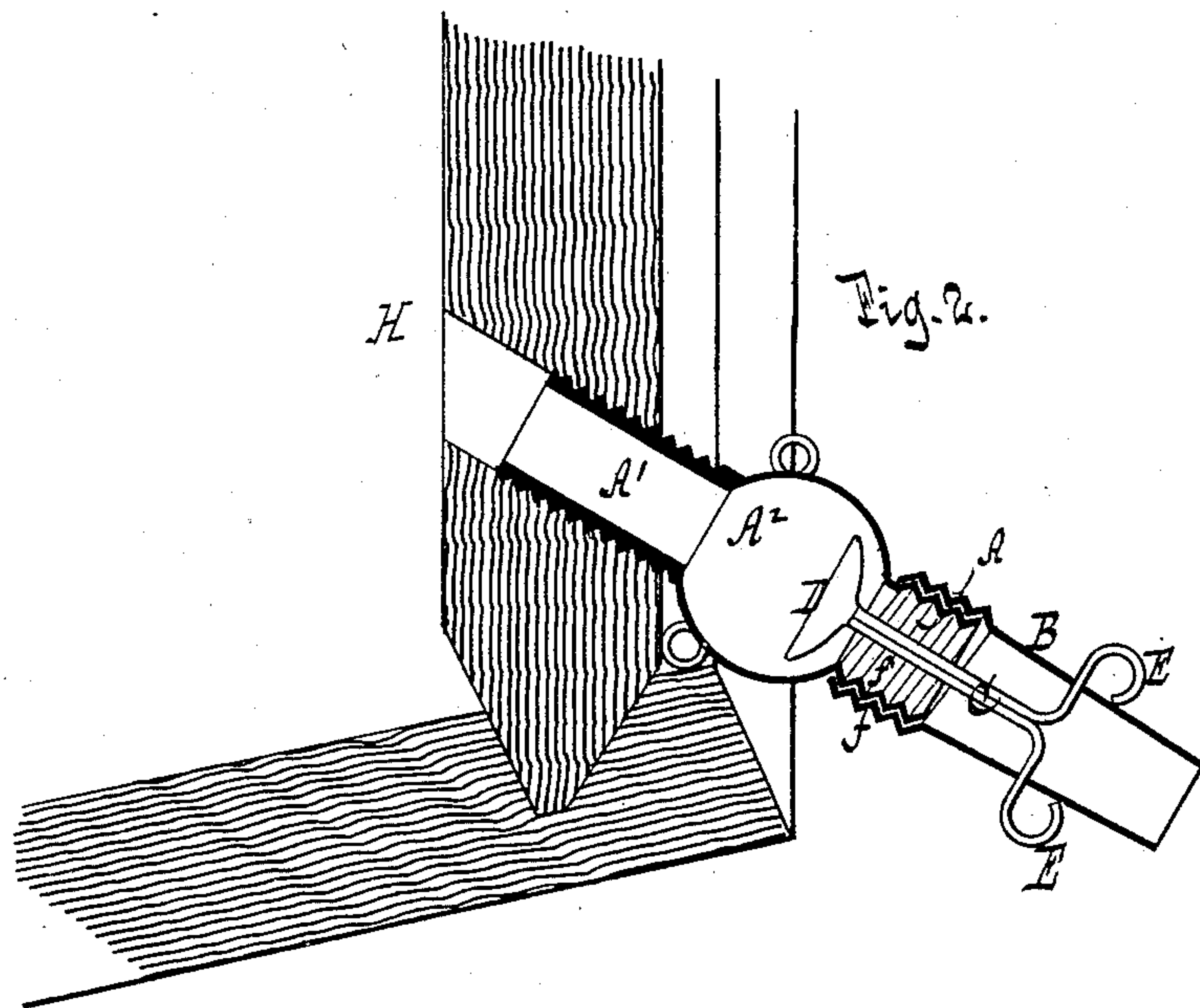
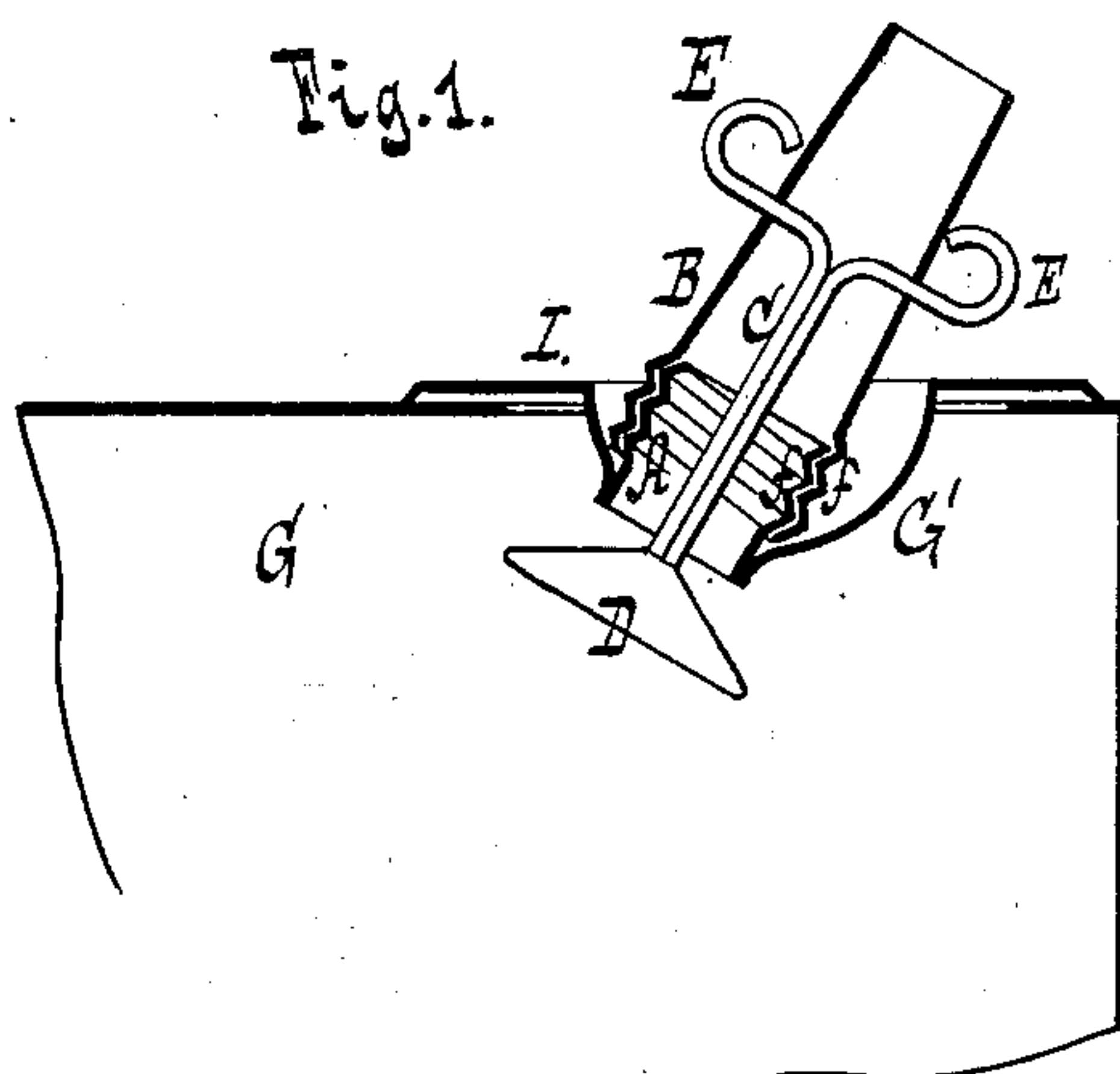


(No Model.)

A. WOOD.
SPOUT FOR OIL PACKAGES.

No. 245,910.

Patented Aug. 16, 1881.



Witnesses
Otto Kuffland
William Miller

Inventor.
Abiel Wood.
by *Van Santvoord & Hauff*
his att'ys

UNITED STATES PATENT OFFICE.

ABIEL WOOD, OF BROOKLYN, NEW YORK.

SPOUT FOR OIL-PACKAGES.

SPECIFICATION forming part of Letters Patent No. 245,910, dated August 16, 1881.

Application filed June 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, ABIEL WOOD, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Spouts for Oil-Packages, of which the following is a specification.

This invention relates to the construction of spouts for oil-packages, such as cans or barrels; and it consists in the combination of an inner or fixed spout-section and an outer or rotating spout-section connected together by means of screw-threads, a valve-stem projecting inwardly from the outer spout-section, and provided with branches to form the thumb-pieces for rotating the outer section, and a valve at the inner end of such stem, closing outwardly against a seat concomitant to the inner spout-section.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a vertical cross-section. Fig. 2 is a similar section, showing a modification.

Similar letters indicate corresponding parts.

The letter A designates the inner section, and B the outer section, of the spout; C, the valve-stem; D, the valve, and E the thumb-ears.

Both spout-sections A B are formed of sheet metal, and they are provided with screw-threads at their inner and outer ends, respectively, whereby they are connected together.

The inner section, A, is intended to be fixed to the oil-package, and in Fig. 1 I have shown it applied to the top of a can, G, while in Fig. 2 it is represented as being applied to the head of a barrel, H. When it is applied to the can G the inner spout-section, A, may be soldered to the open bottom of the socket G', and in that case the inner end of this spout-section forms a seat for the valve D, while when it is applied to a barrel it may be provided with a screw-threaded shank, A', for insertion into the tap-hole of the barrel, and constructed, more-

over, with a valve-chamber, A², the outer portion of which forms the valve-seat.

The valve-stem C projects inwardly from the outer spout-section, B, through the center thereof, and the valve D is applied to the inner end of the stem to close outwardly, and it will be seen that by simply rotating the outer spout-section on the inner one it is caused to recede from or approach the same, thus closing or opening the valve, as the case may be.

The thumb-ears E are formed by making the valve-stem C with lateral branches extending out through the side of the outer spout-section, B, and by their means the rotation of the outer section is obviously facilitated, while they do not materially add to the cost of the article.

The arrangement of the valve D to close outwardly is favorable to a tight joint, and also has the effect of preserving the connection between the spout-sections.

The socket G' forms part of a supporting-plate, I, and the inner spout-section, A, projects therefrom at an acute angle, thus occupying an inclined position.

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

The combination, substantially as hereinbefore set forth, of the inner and outer spout-sections, connected together by means of screw-threads, the valve-stem projecting inwardly from the outer spout-section, and having lateral branches bent to form thumb-ears, and the valve at the inner end of such stem closing outwardly against a seat concomitant to the inner spout-section.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

ABIEL WOOD. [L. S.]

Witnesses:

W. HAUFF,
CHAS. WAHLERS.