

(No Model.)

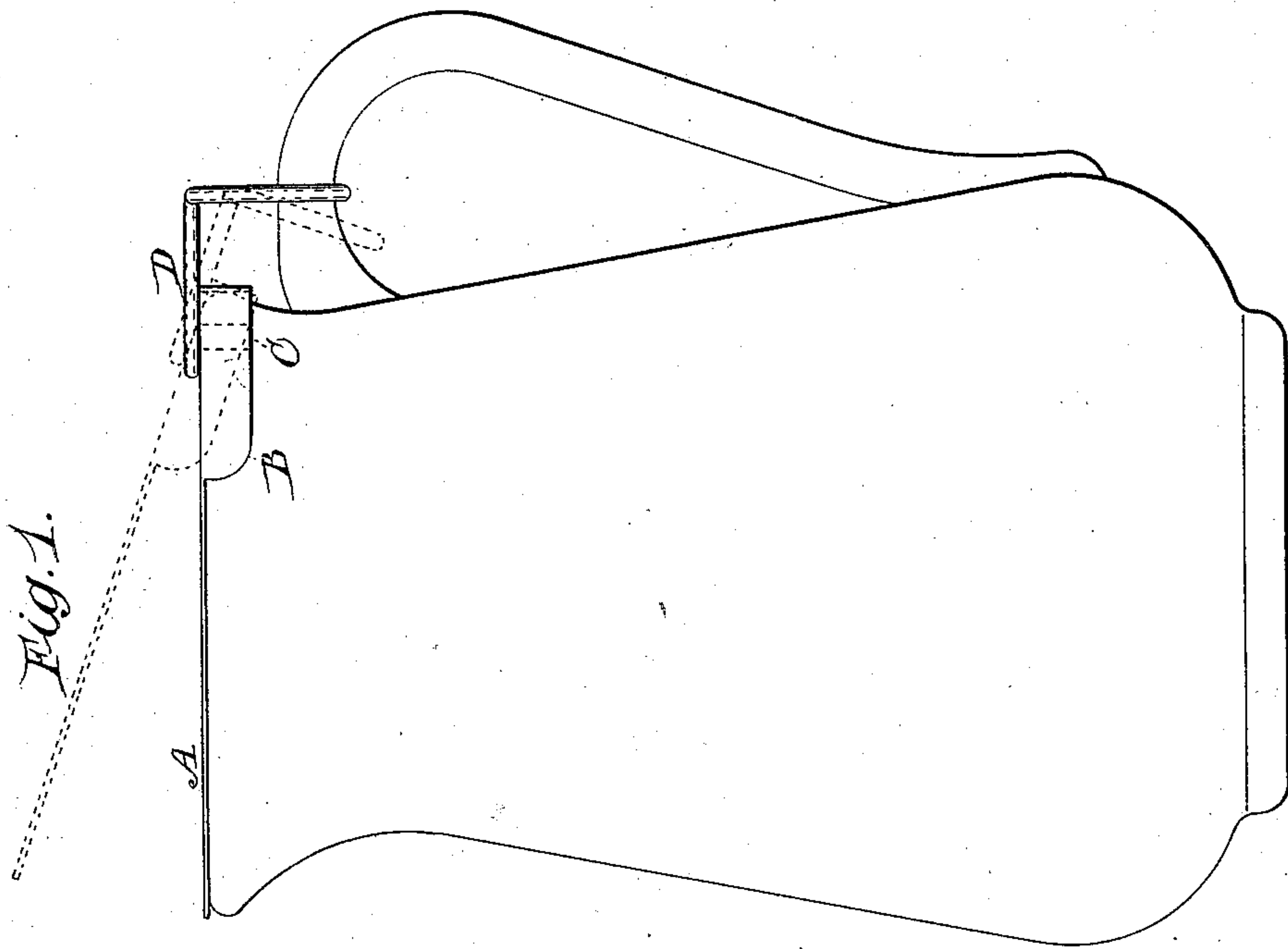
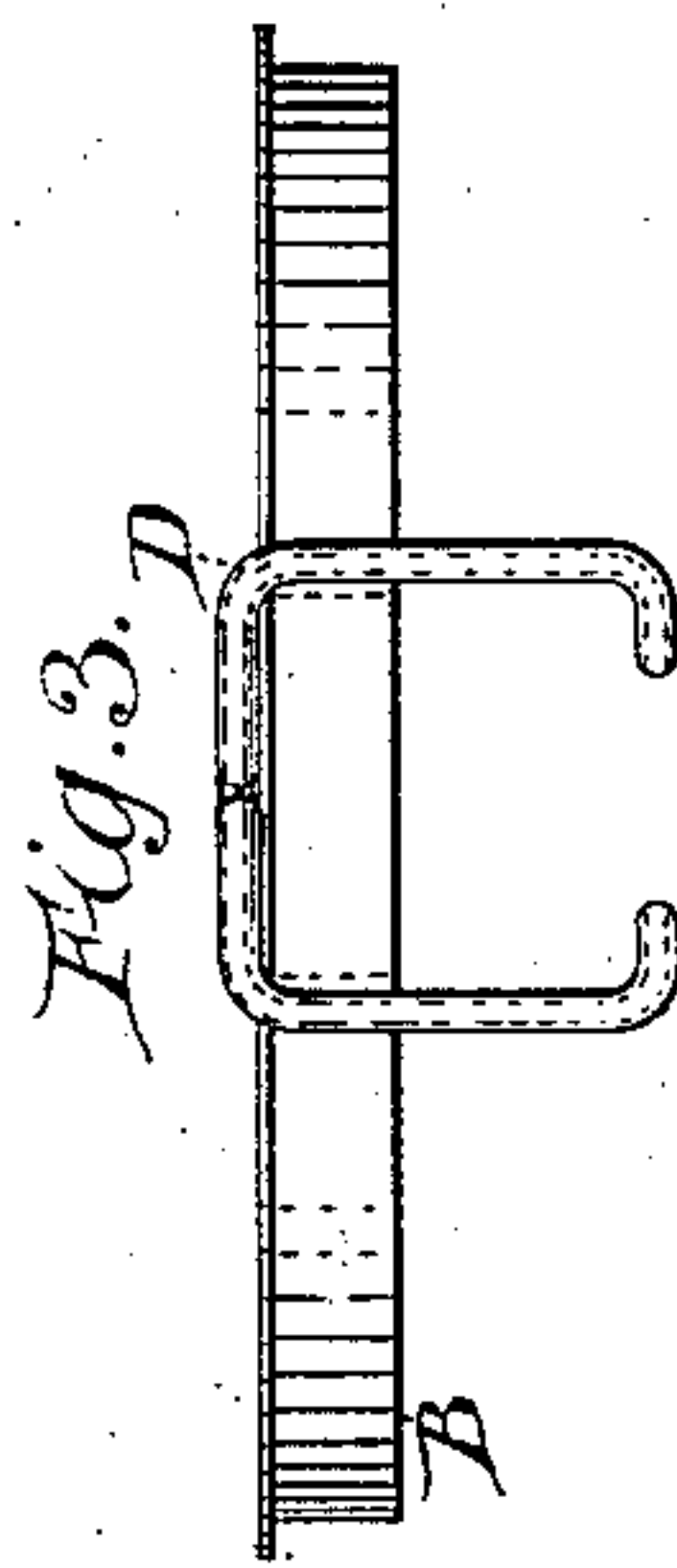
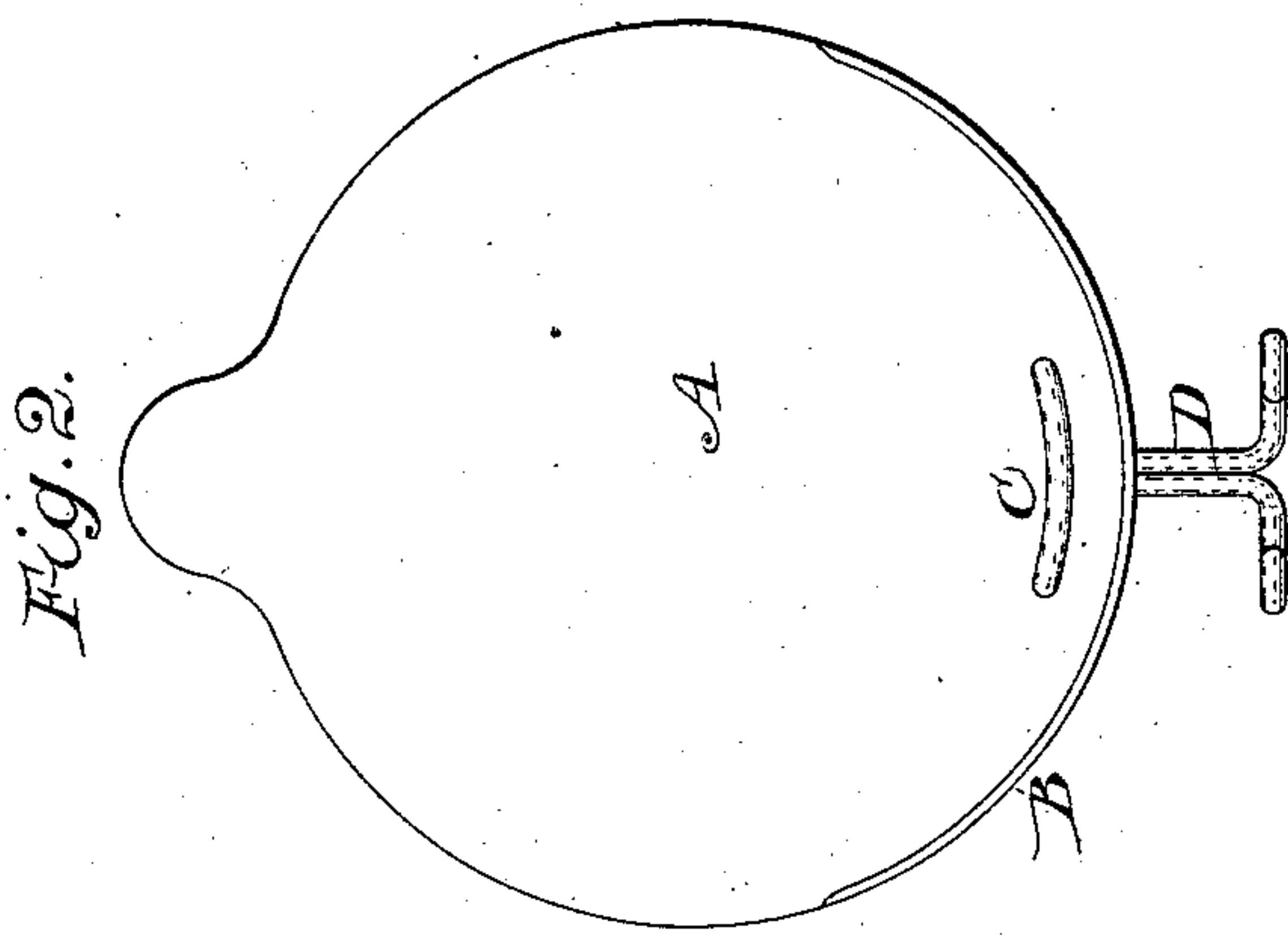
2 Sheets—Sheet 1.

W. STORER.

METAL LID FOR JUGS, TEA POTS, &c.

No. 379,184.

Patented Mar. 6, 1888.



Witnesses.

J. A. Rutherford.  
Robert Everett

Inventor,  
William Storer,  
By James L. Norris

Atty.

(No Model.)

2 Sheets—Sheet 2.

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Fig. 5.

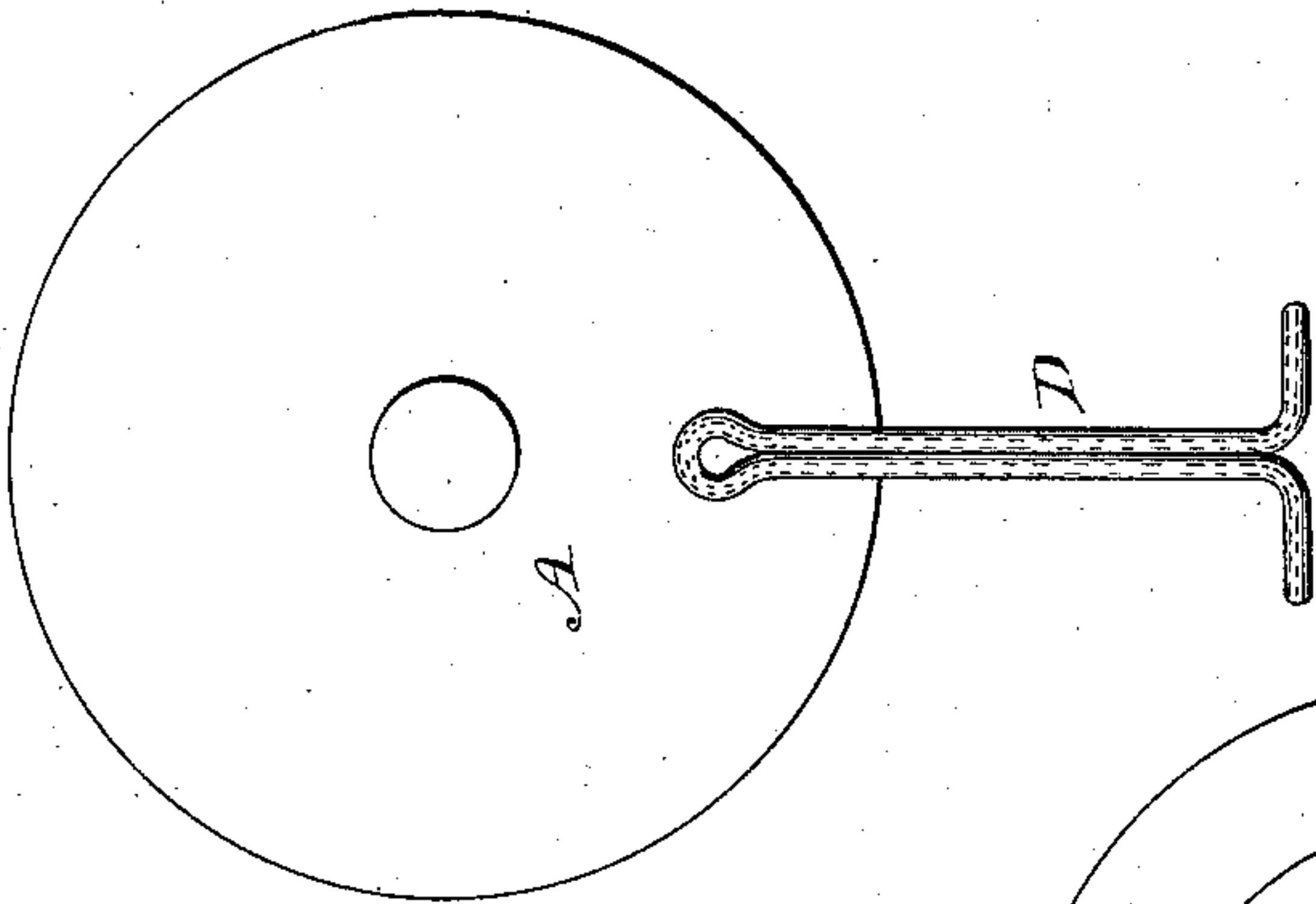


Fig. 6.

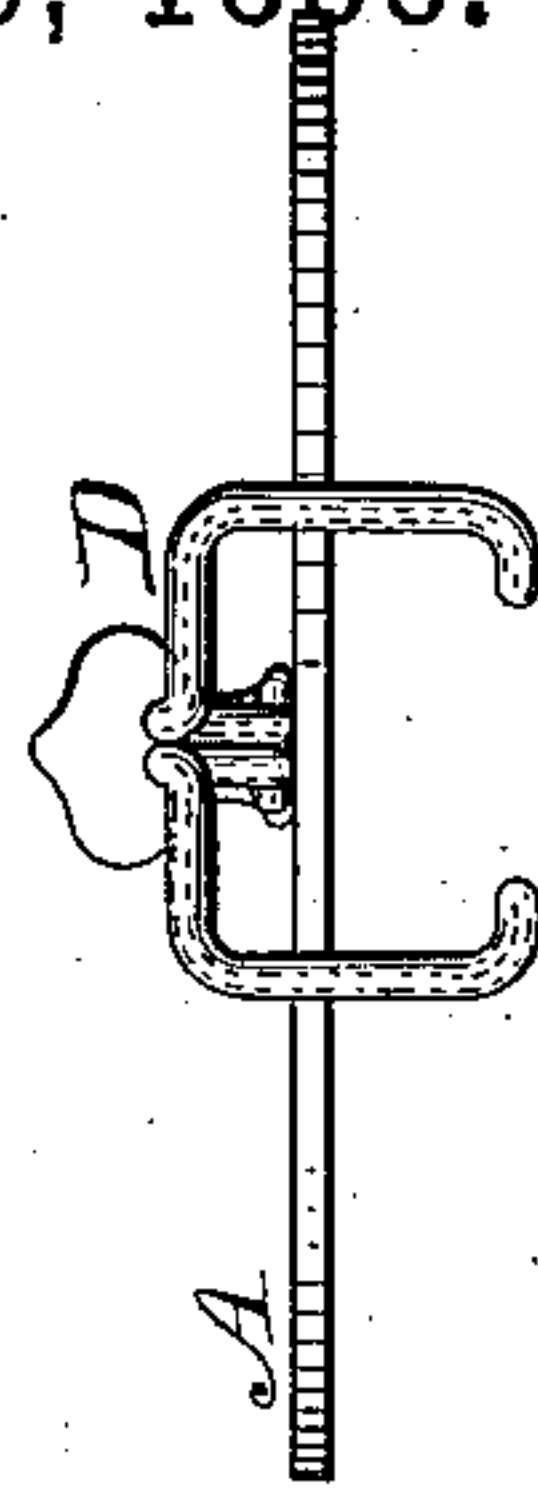


Fig. 7.

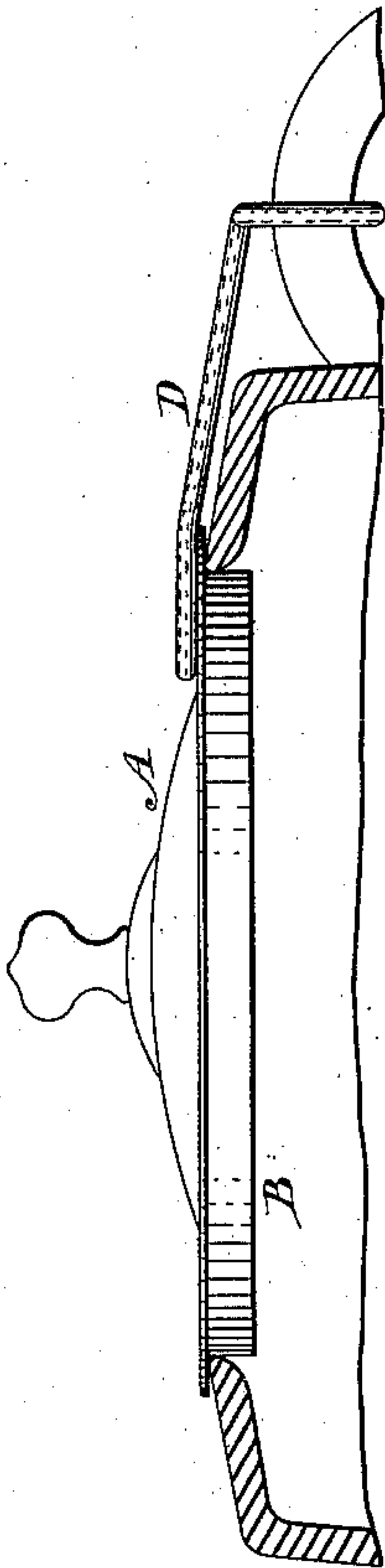
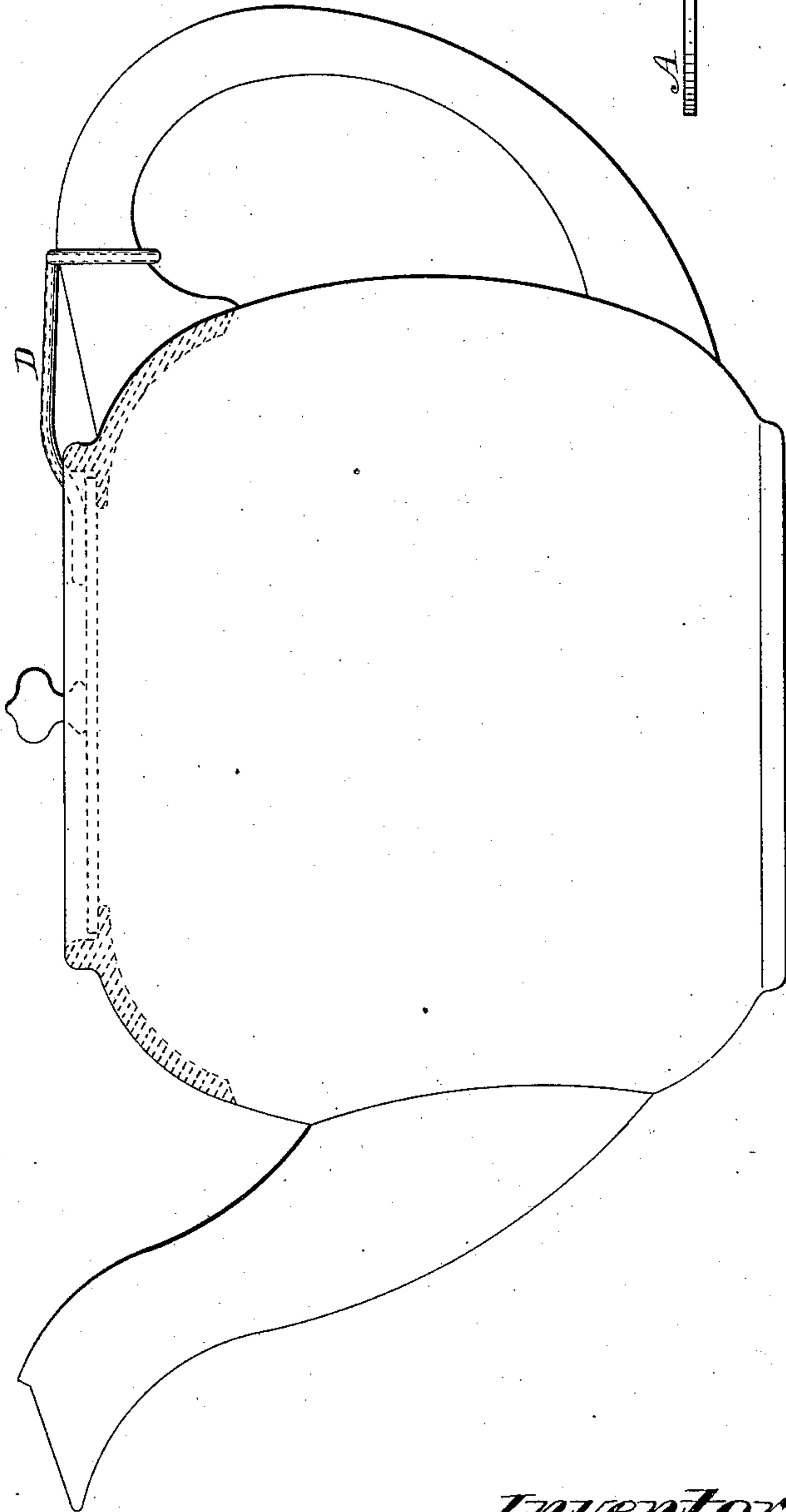


Fig. 8.



Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM STORER, OF NOTTINGHAM, ENGLAND.

## METAL LID FOR JUGS, TEA-POTS, &c.

SPECIFICATION forming part of Letters Patent No. 379,184, dated March 6, 1888.

Application filed November 14, 1887. Serial No. 255,122. (No model.) Patented in England December 8, 1886, No. 16,072.

*To all whom it may concern:*

Be it known that I, WILLIAM STORER, glass and china dealer, a subject of the Queen of Great Britain, and a resident of Nottingham, England, have invented new and useful Improvements in Metal Lids for Jugs, Tea-Pots, Coffee-Pots, and other Vessels, (for which I have obtained a patent in Great Britain, No. 16,072, bearing date December 8, A. D. 1886,) of which the following is a specification, reference being had to the accompanying drawings.

In the drawings, Figure 1 shows a side view of a jug provided with one of my improved lids. Fig. 2 shows an underside view of the lid. Fig. 3 shows a back end view. Fig. 4 shows a side view of a tea-pot with an improved lid in position within the verge. Figs. 5 and 6 show, respectively, a plan and a back end view of one lid. Fig. 7 shows a side view of an improved lid provided with a verge on its under side to fit a tea-pot having a plain opening at the top.

My improved lids for jugs I form flat, as shown at Fig. 1, or of any other suitable shape, by spinning, casting, or stamping in one piece, in either case the under side of the lid being of such a shape as to closely fit the top of the jug. On the underside a flange, B, projects for one-third or more of the circumference at the back next the handle. Within the flange B a stud or short flange, C, projects from the under side of the lid. The flange C, lying within the top of the jug, prevents the lid slipping off backward, and the outer flange, B, prevents it slipping off forward or sidewise.

Instead of forming each lid with a hinge, as heretofore, I dispense with the hinge by soldering, riveting, or otherwise securing a loop of wire, D, on the top of the lid. Said wire may be of steel or other suitable metal coated with nickel or tin. Each end of the wire is bent at about a right angle to its length outward and then turned downward and inward, so as to form two hooks, as shown at Figs. 2 and 3. These hooks when slightly sprung apart may be placed around the handle of the jug or other vessel to which the lid is applied, and will hold such lid in a closed position, as shown by the black lines at Fig. 1, or in a raised position, as shown by the dotted lines, when the jug is lifted to pour out the contents.

Lids for tea-pots, coffee-pots, and other ves-

sels, which heretofore have been hinged to a flange or rim which had to be riveted or soldered to secure the lid to the pot or other vessel, I form without a hinge by spinning, casting, or stamping each lid, A, in one piece, either flat, as shown at Fig. 4, or raised, as shown at Fig. 7; or each lid may be of any other suitable shape to fit round, square, oblong, oval, or other shaped orifice of the pot or other vessel. Either shaped lid may be made to lie close within the verge of the tea-pot or other vessel, as shown at Fig. 4, or it may be formed of any required shape and be provided with a flange or rim, B, of the same shape as the orifice to drop within it, as shown at Fig. 7. Each such lid I provide with a loop of wire, D, and solder, rivet, or otherwise secure the loop of wire to the top of the lid, after having bent the wire outward, downward, and inward, as before described, to form two hooks, as shown at Figs. 4, 5, 6, and 7, which may be sprung apart and be placed around the handle of the tea-pot, coffee-pot, or other vessel, to hold the lid in position.

Either of the above-described improved metal lids, upon the wire loops being slid back upon the handle of the vessel to which it is applied, may be readily removed to be cleaned.

What I claim is—

1. The combination, in a vessel, with its lid and handle, of the hinge consisting of a wire secured to the lid, the ends being then bent at right angles to the length of the wire outward, then downward, and finally inward, forming two hooks to embrace the handle, substantially as shown and described.

2. The combination, with a vessel, of a lid loosely hinged to the handle thereof, said lid being provided upon its under side with two concentric flanges, B C, adapted to engage the edge of the vessel to prevent displacement of the lid, substantially as described.

3. The combination, with the lid A, of the flanges B C and the loop or double hook D, substantially as and for the purposes set forth.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

WILLIAM STORER.

Witnesses:

H. W. GOUGH, C. E.,  
JNO. H. GOUGH.