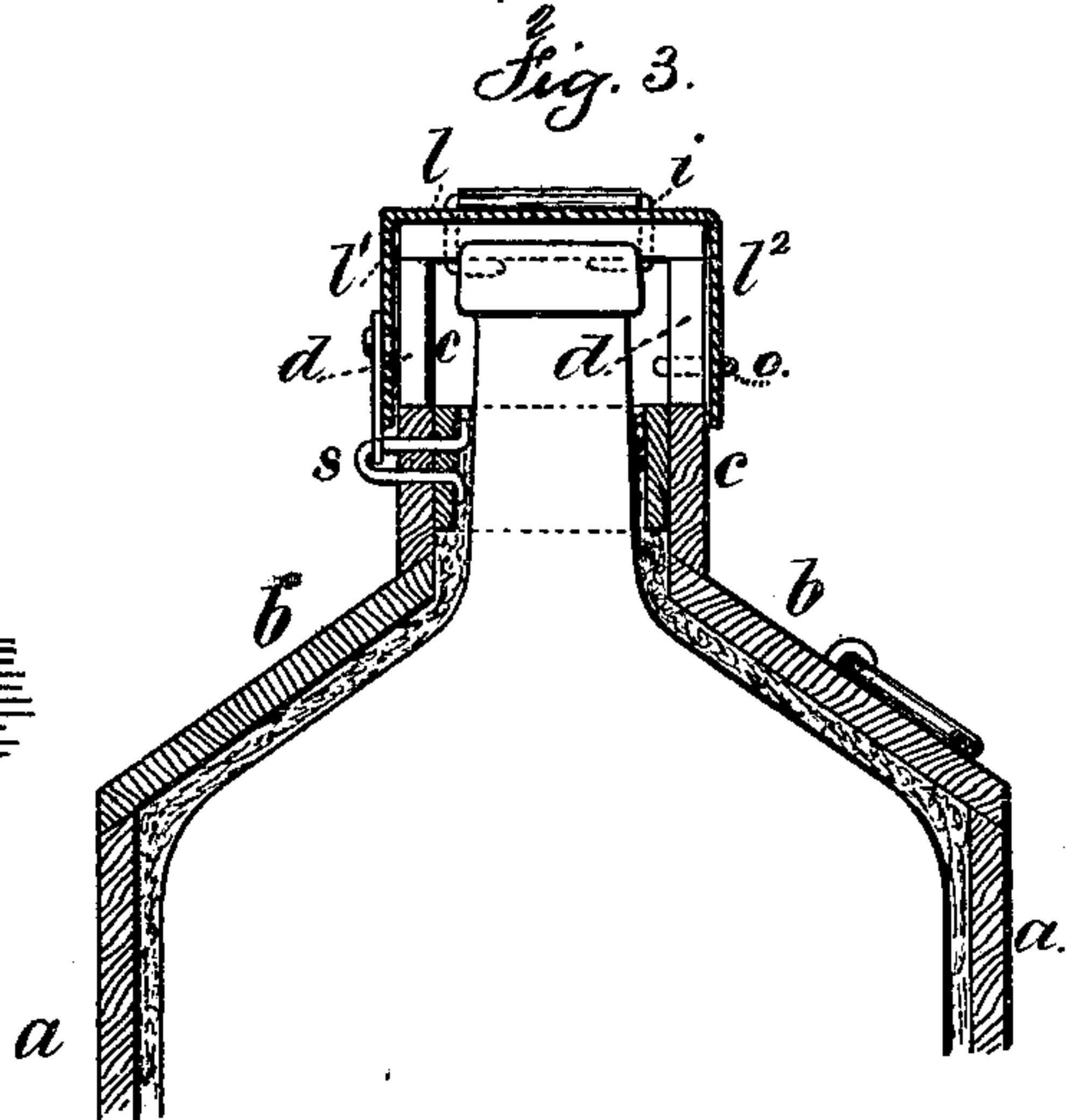
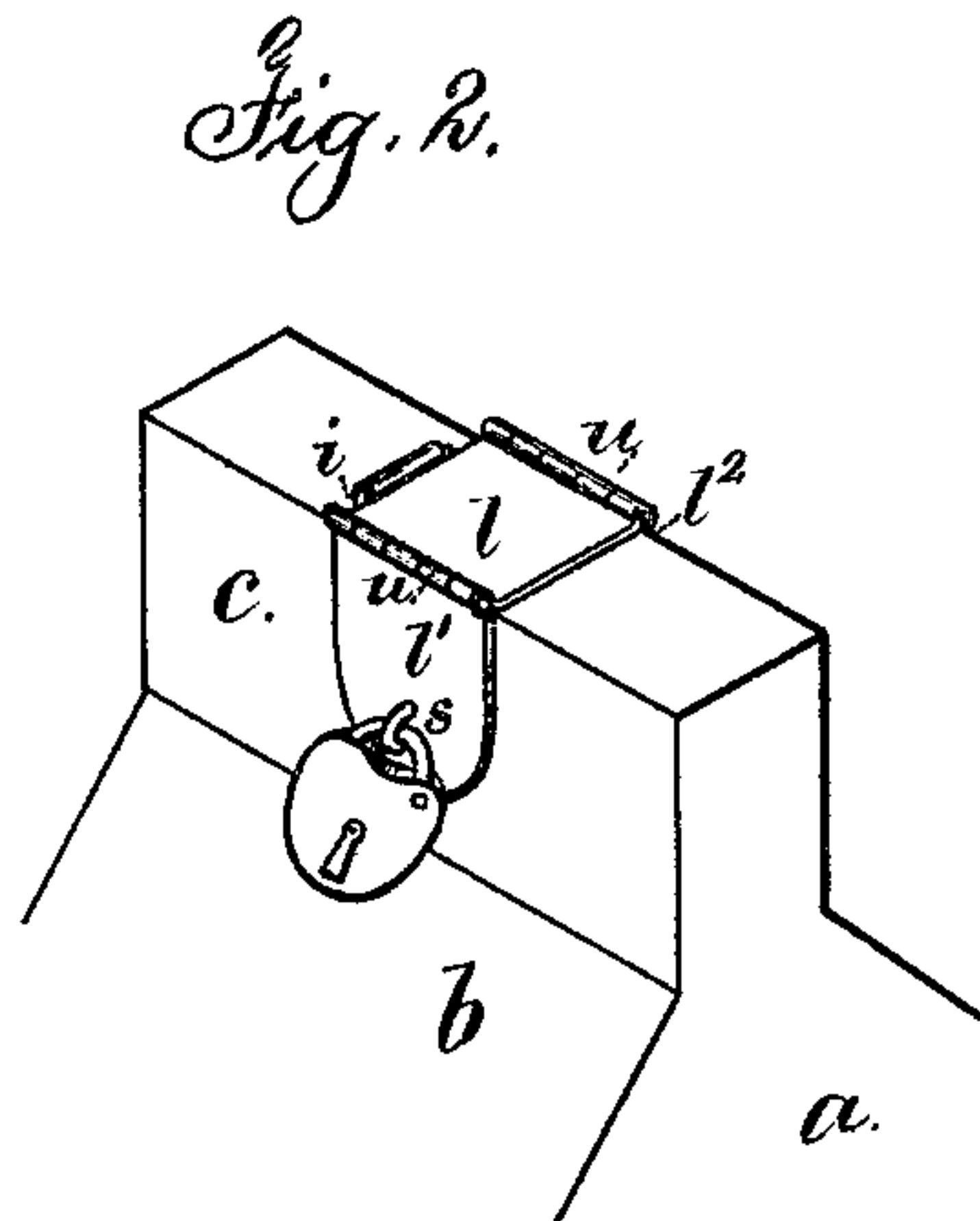
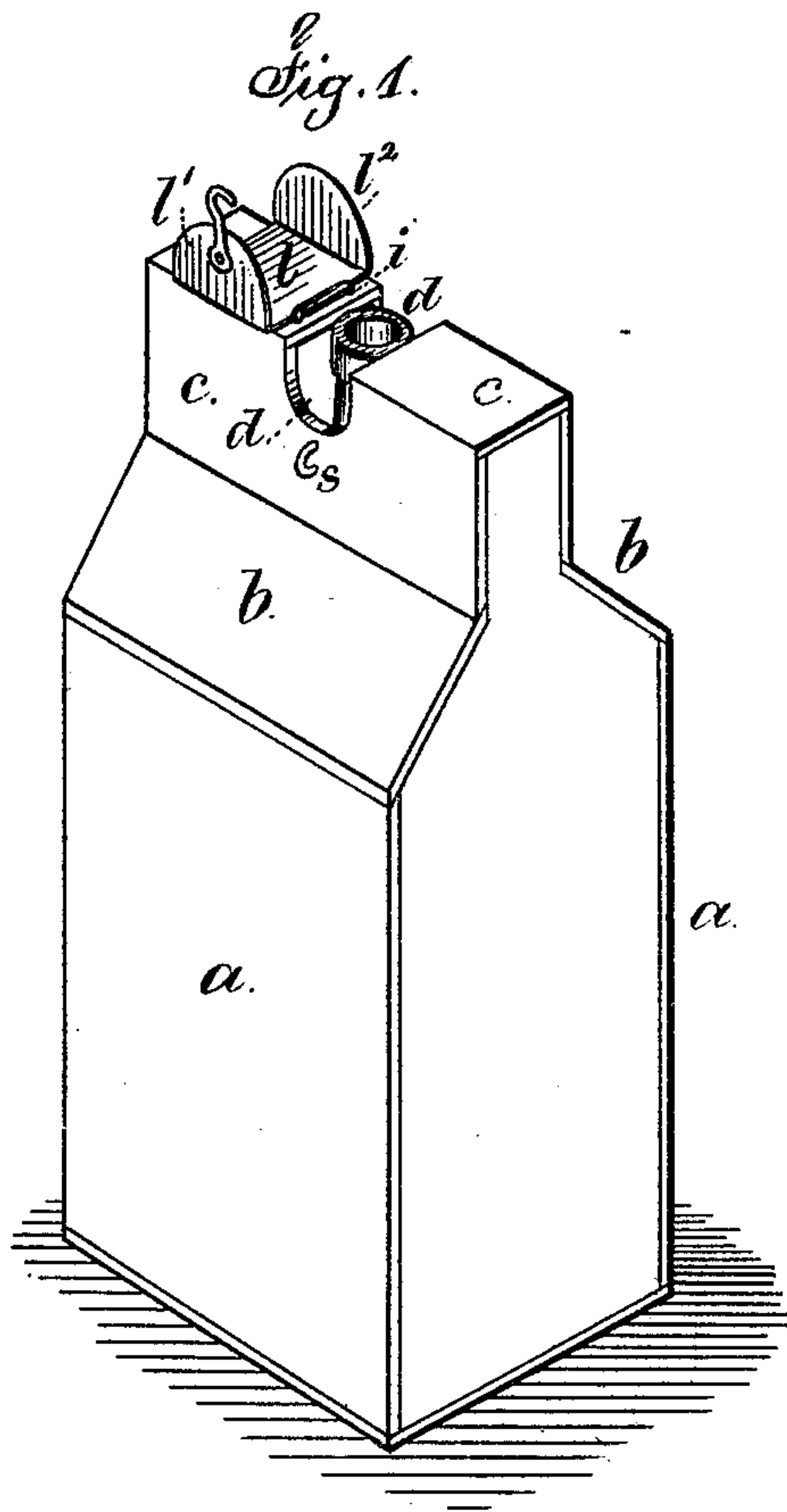


G. W. PECK.

PACKING-CASES FOR DEMIJOHNS, &c.

No. 189,491.

Patented April 10, 1877.



Witnesses

Charles H. Smith
Harold Serrell

Inventor

George W. Peck.
per Lemuel W. Serrell
att'y.

UNITED STATES PATENT OFFICE.

GEORGE W. PECK, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PACKING-CASES FOR DEMIJOHNS, &c.

Specification forming part of Letters Patent No. **189,491**, dated April 10, 1877; application filed March 22, 1877.

To all whom it may concern:

Be it known that I, GEORGE W. PECK, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Packing-Cases for Demijohns, &c., of which the following is a specification:

Glass demijohns, bottles, cans, &c., have been inclosed in wooden packing-cases for their protection in storing or transportation, and these cases have been made of various shapes, with apertures cut in the upper part of the case, whereby to allow access to the mouth of the demijohn. Metallic covers have also been applied over the apertures.

My invention relates to a metallic shield attached in the middle of one side, by a hinge to the top of the packing-case, and provided with wings at each side to extend down over the apertures in the case, and inclose the mouth of the bottle, demijohn, or can to protect the same from injury.

In the drawing, Figure 1 is a perspective view of the demijohn-case with the shield turned back. Fig. 2 is a similar view with the shield closed, and showing also a slight variation in the construction of the shield, and Fig. 3 is a cross-section.

The packing-case is made of the box *a*, with the inclined top surfaces *b* and elevated ridge *c*, conforming generally to the size and shape of the bottle or demijohn or other vessel, except that the ridge runs from one side of the box to the other, as shown, and is provided with central aperture at *d*, to give access freely to the mouth or nozzle of the bottle, demijohn, or can, and the cork or stopper thereof.

Instead of using a shield hinged at one end

to the vertical side of the ridge, I make use of a metallic shield, *l*, with two wings, *l*¹ *l*², and hinge the middle portion *l* thereof, at one edge directly to the top of the ridge by a wire staple, *i*, so that the shield, and its wings will swing freely in being turned up or down, and not require to be sprung or bent in swinging it over or away from the aperture, as has heretofore been the case.

By my improvement I am able to make use of stronger metal that cannot be bent or sprung, and the shield, when turned back, lies upon the top of the ridge of the packing-case. When closed, one wing, *l*¹, is secured by a hook or by a padlock or catch at *s*, and the other wing, *l*², passes behind a catch or staple, *o*, to prevent it being bent or accidentally wrenched away from the side of the ridge.

In some instances it is preferable to unite the wings *l*¹ *l*² to the shield *l*, by hinges at *u*, so that when the shield is turned back, the wings may be folded down upon the said shield.

I claim as my invention—

The shield *l*, having a hinge at one side, by which it is united to the top surface of the ridge of the packing-case, and provided with wings *l*¹ *l*², that pass down at each side of the ridge to close the aperture therein, substantially as set forth.

Signed by me this 20th day of March, A. D. 1877.

GEORGE W. PECK.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.