

(No Model.)

G. L. JAEGER.

PAPER BOX.

No. 332,535.

Patented Dec. 15, 1885.

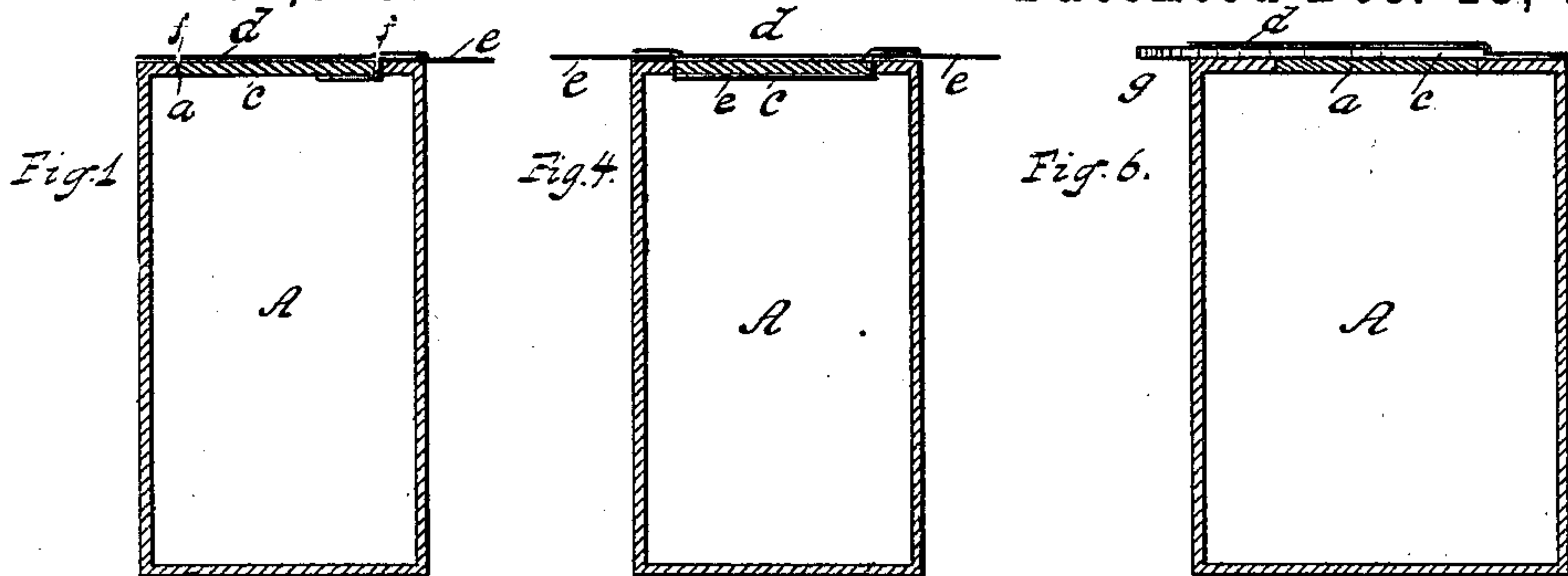


Fig. 2.

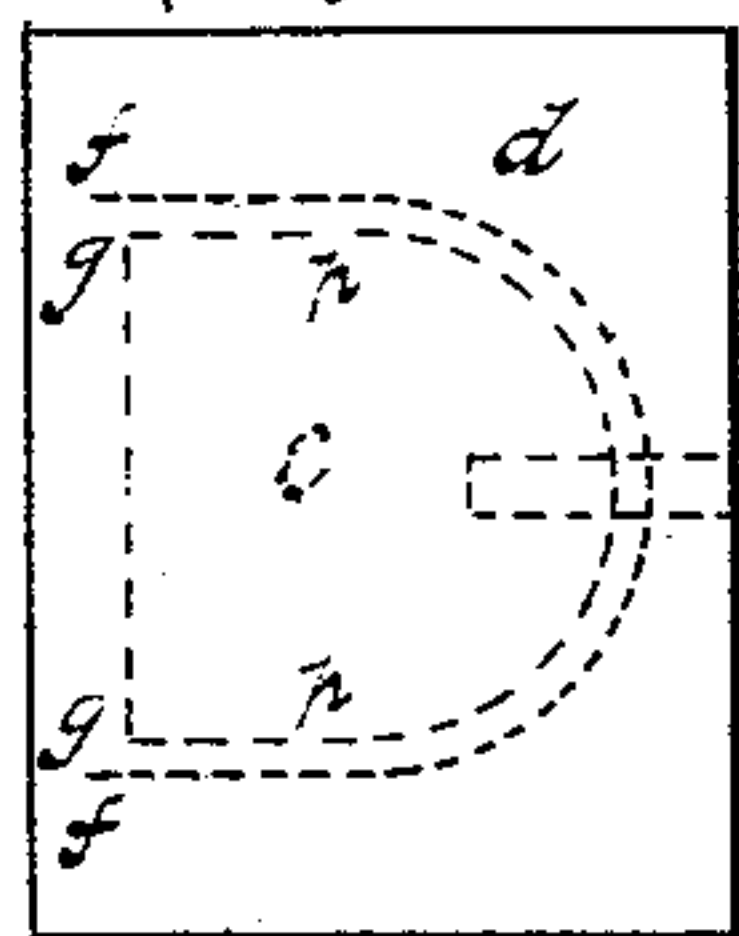


Fig. 5.

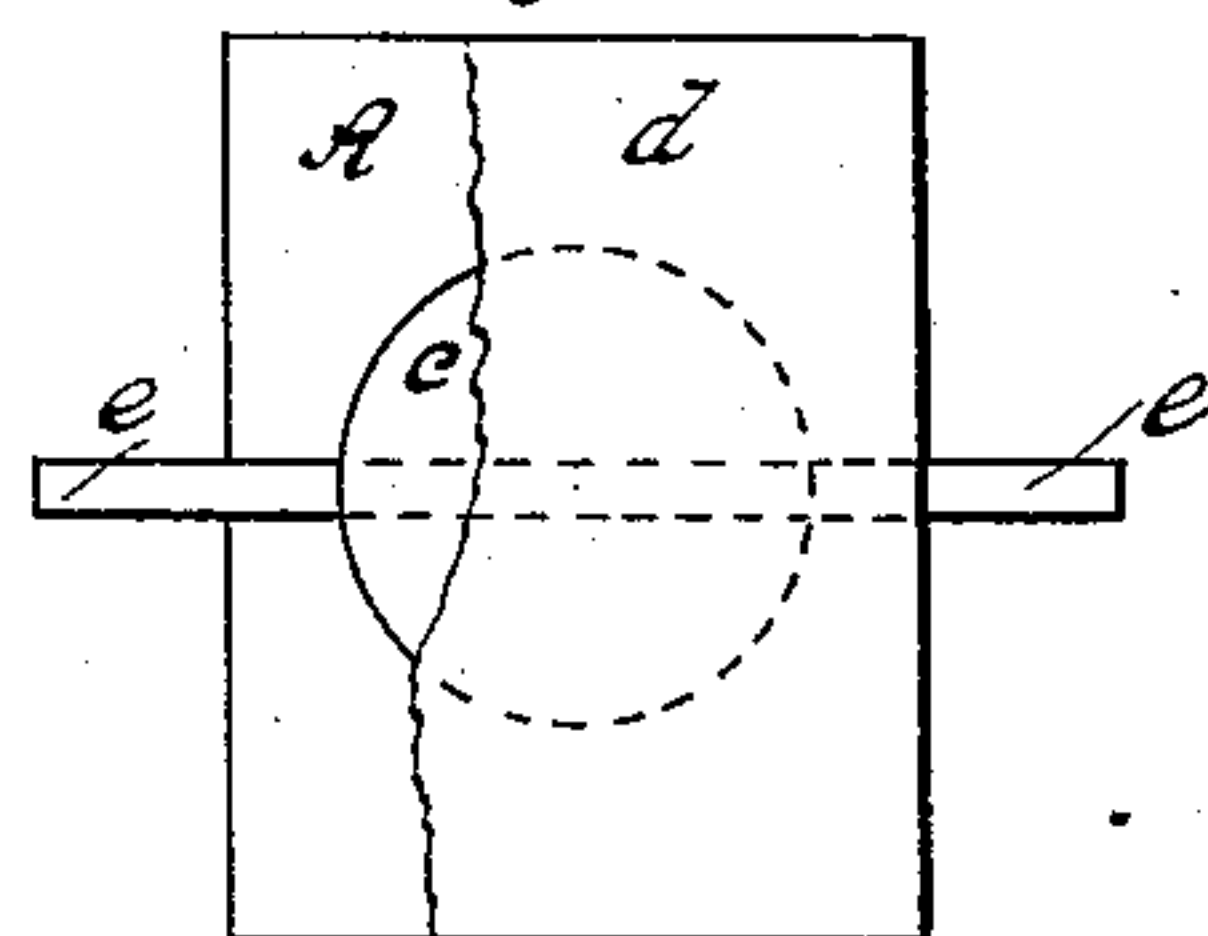


Fig. 7.

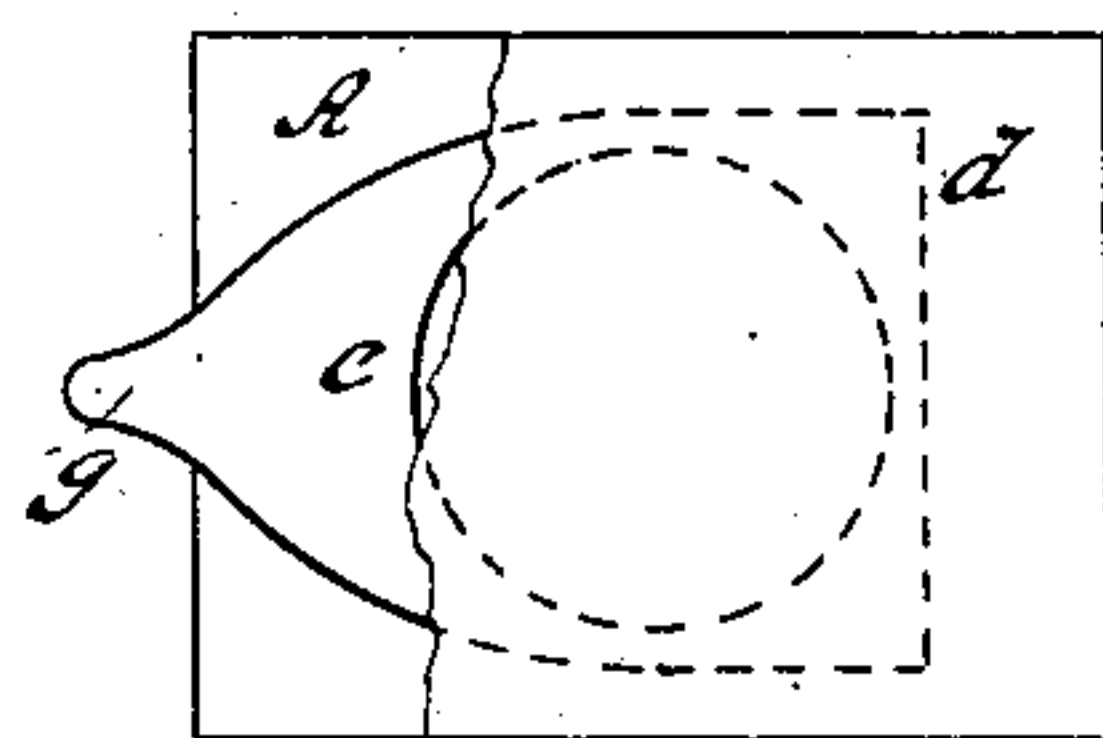


Fig. 3.

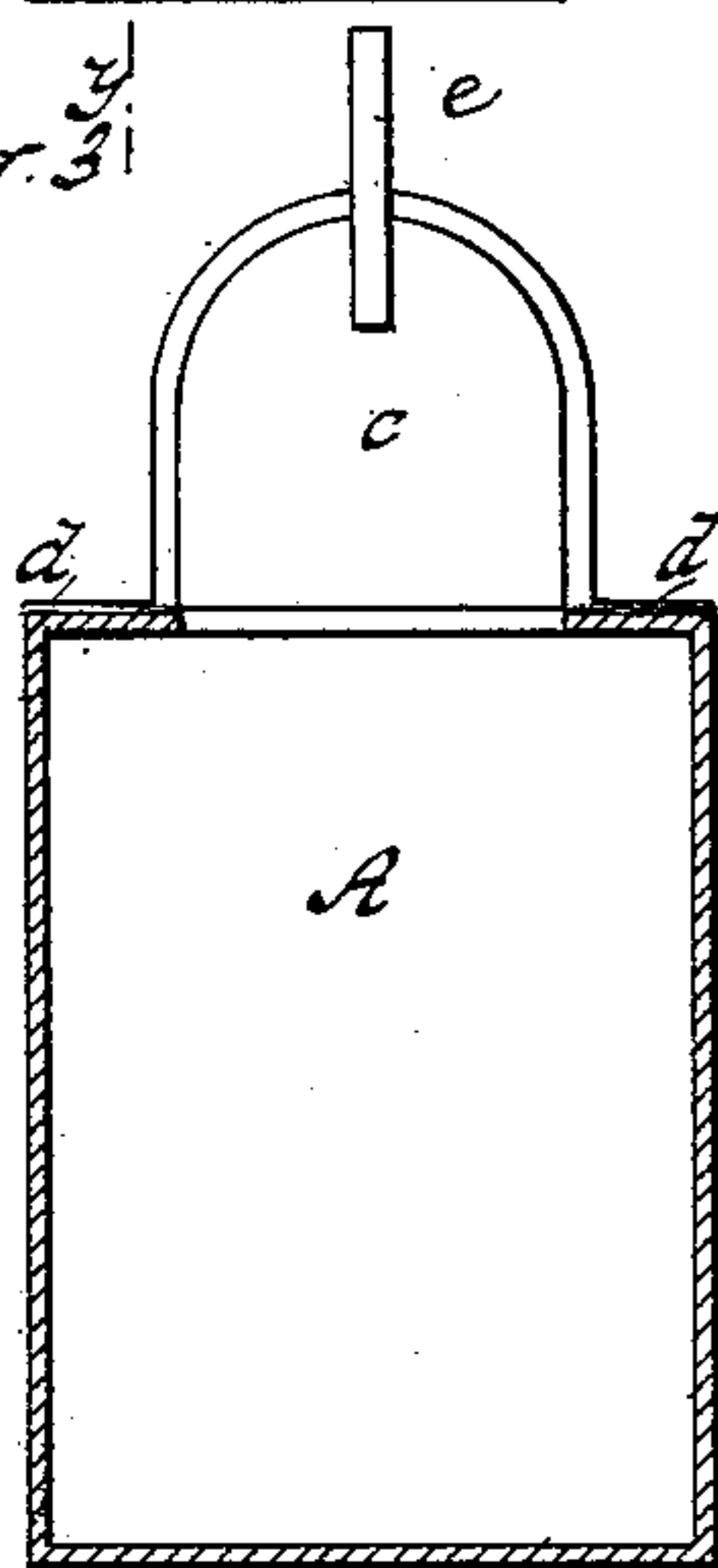


Fig. 8.

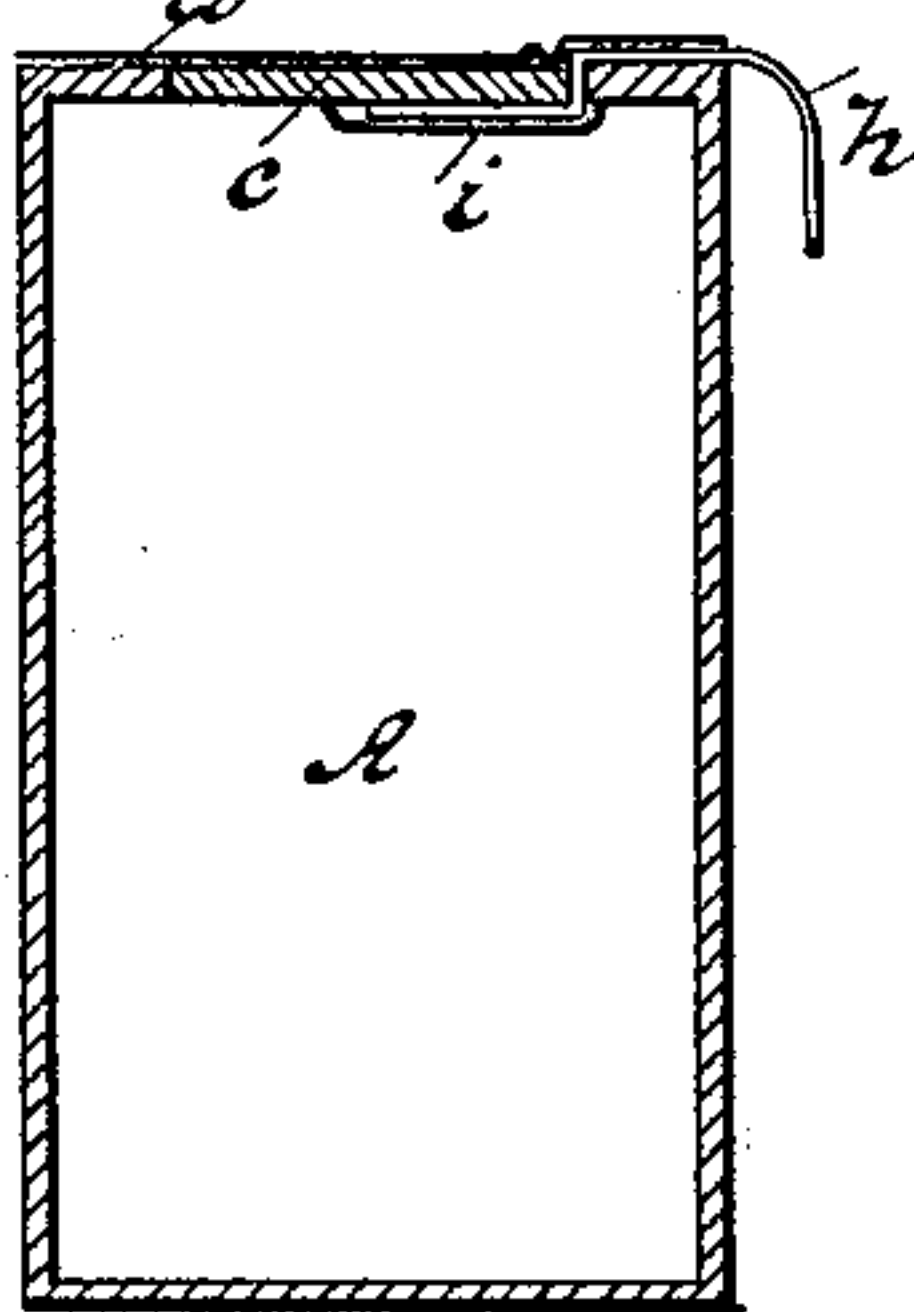


Fig. 10.

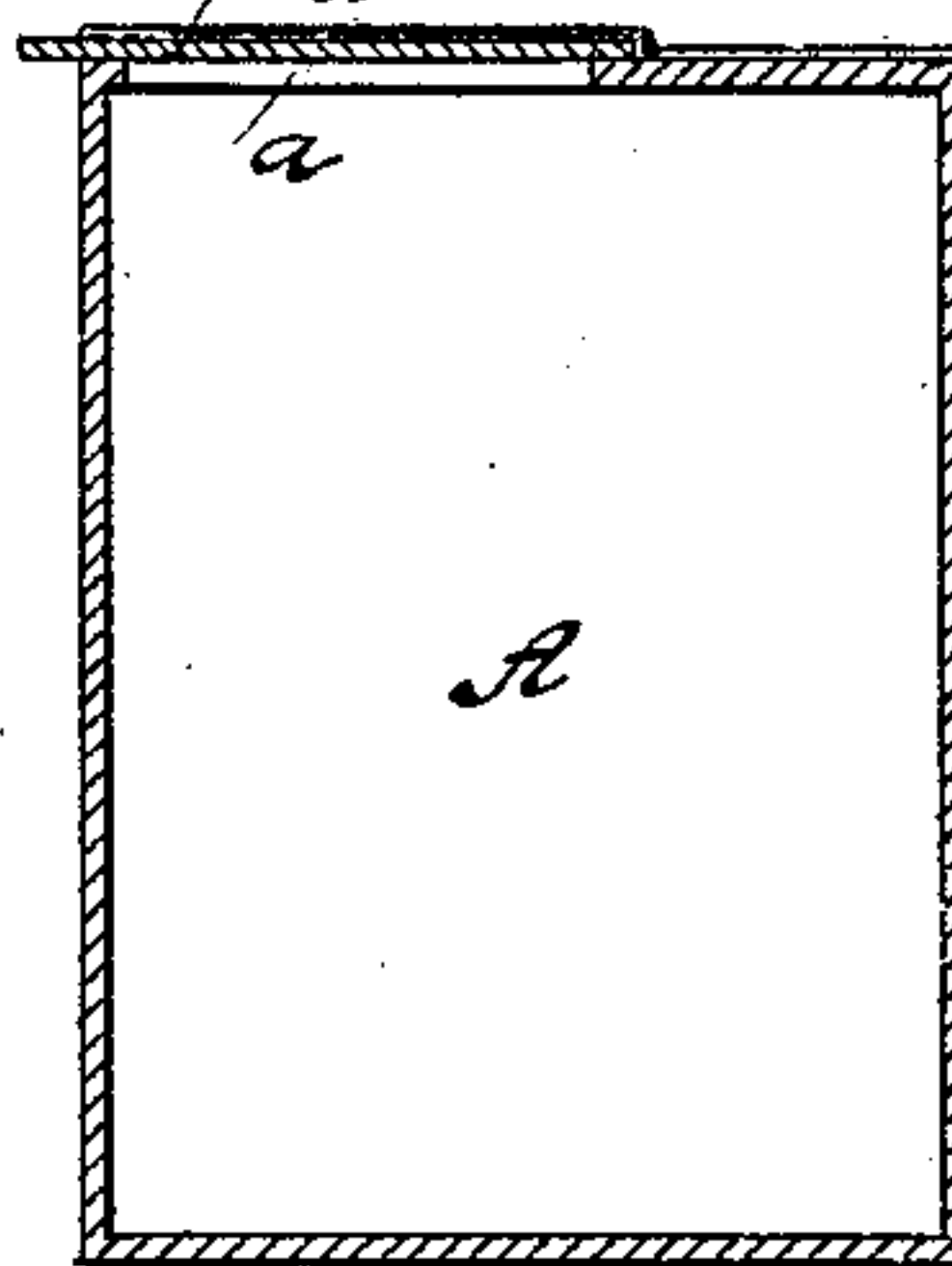


Fig. 9.

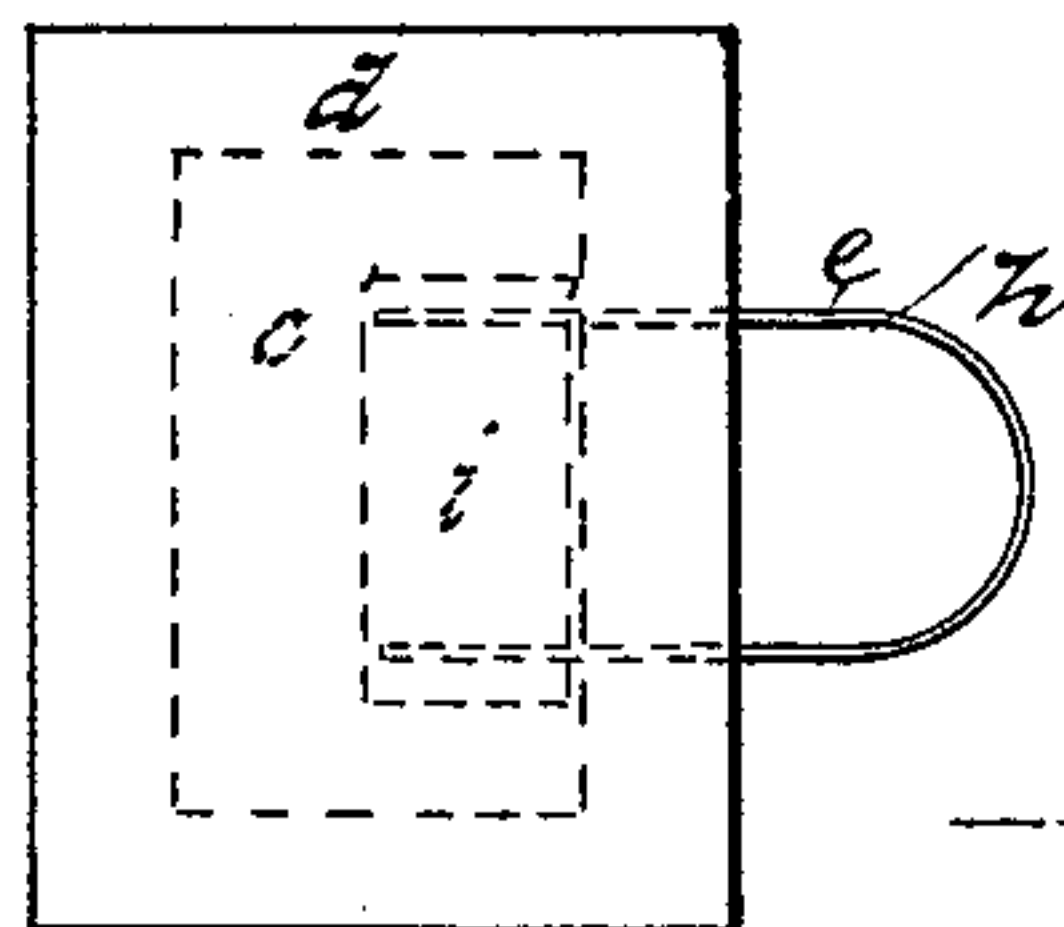


Fig. 11.

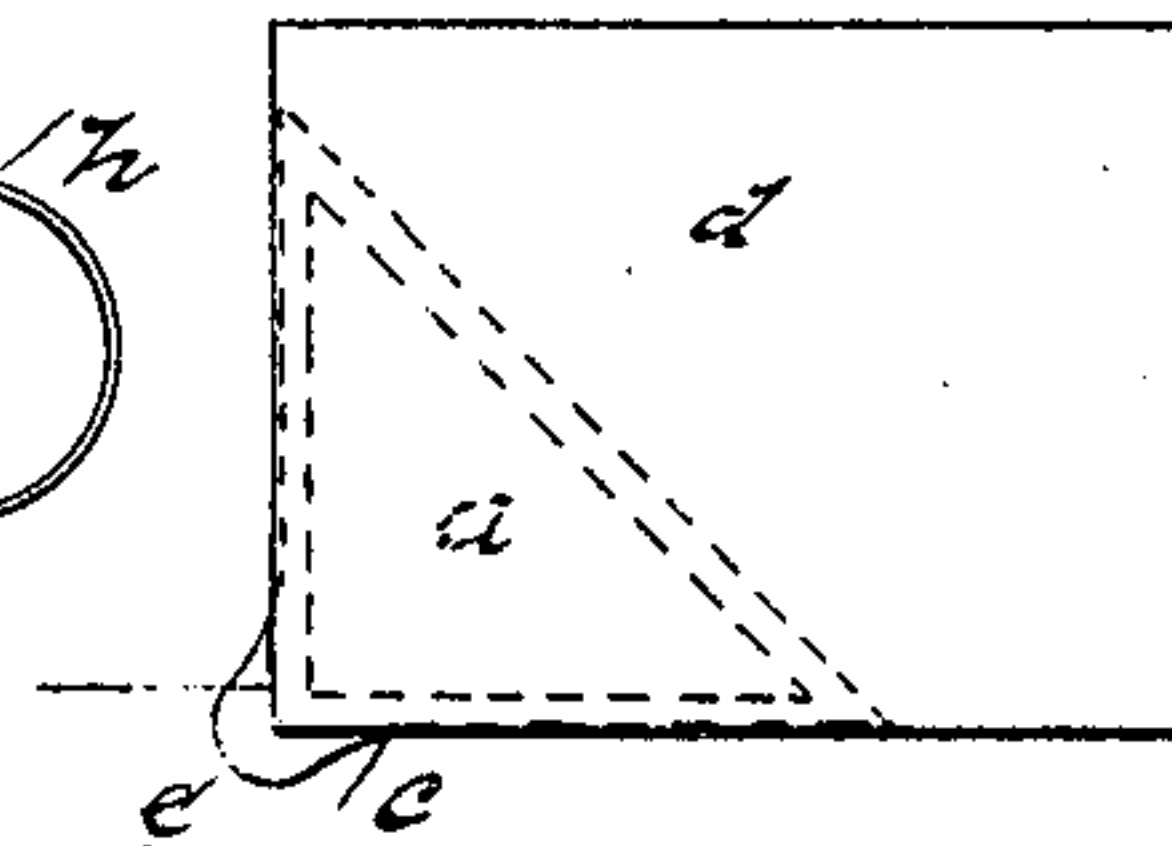


Fig. 12.

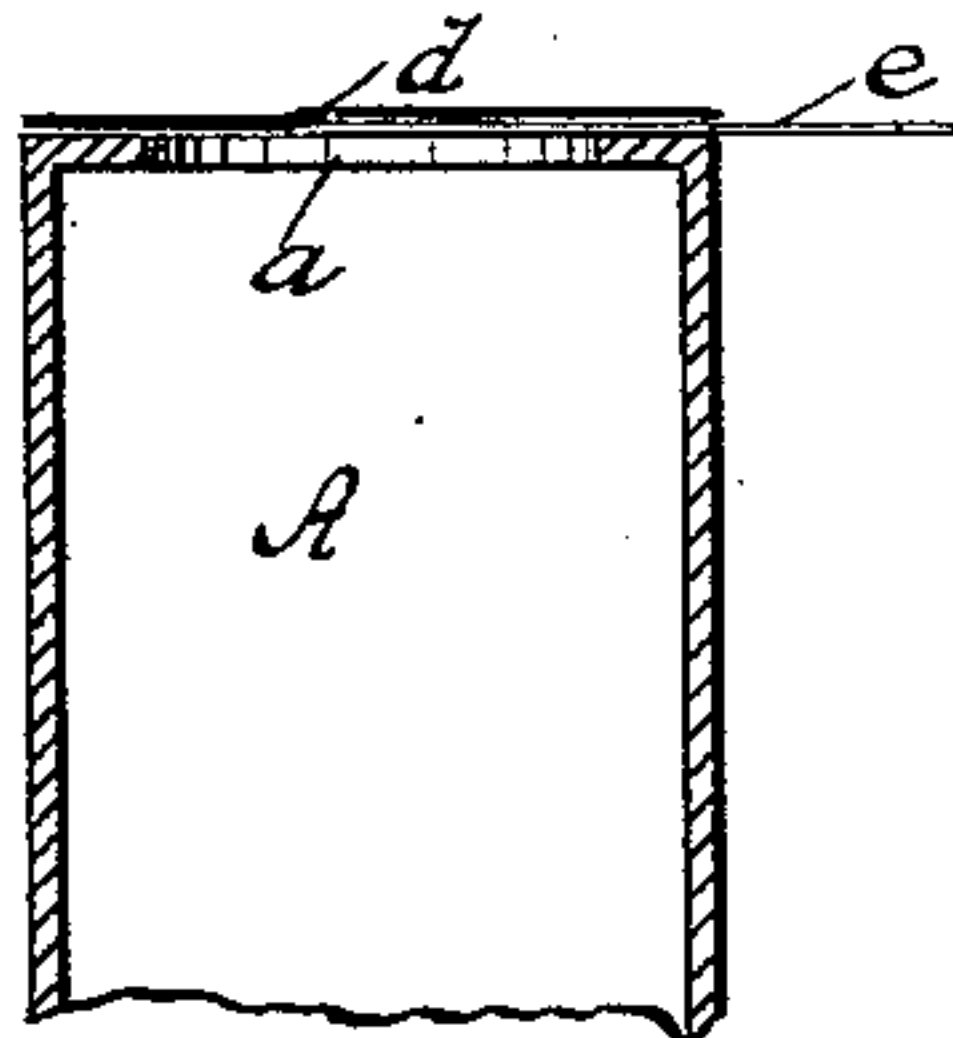
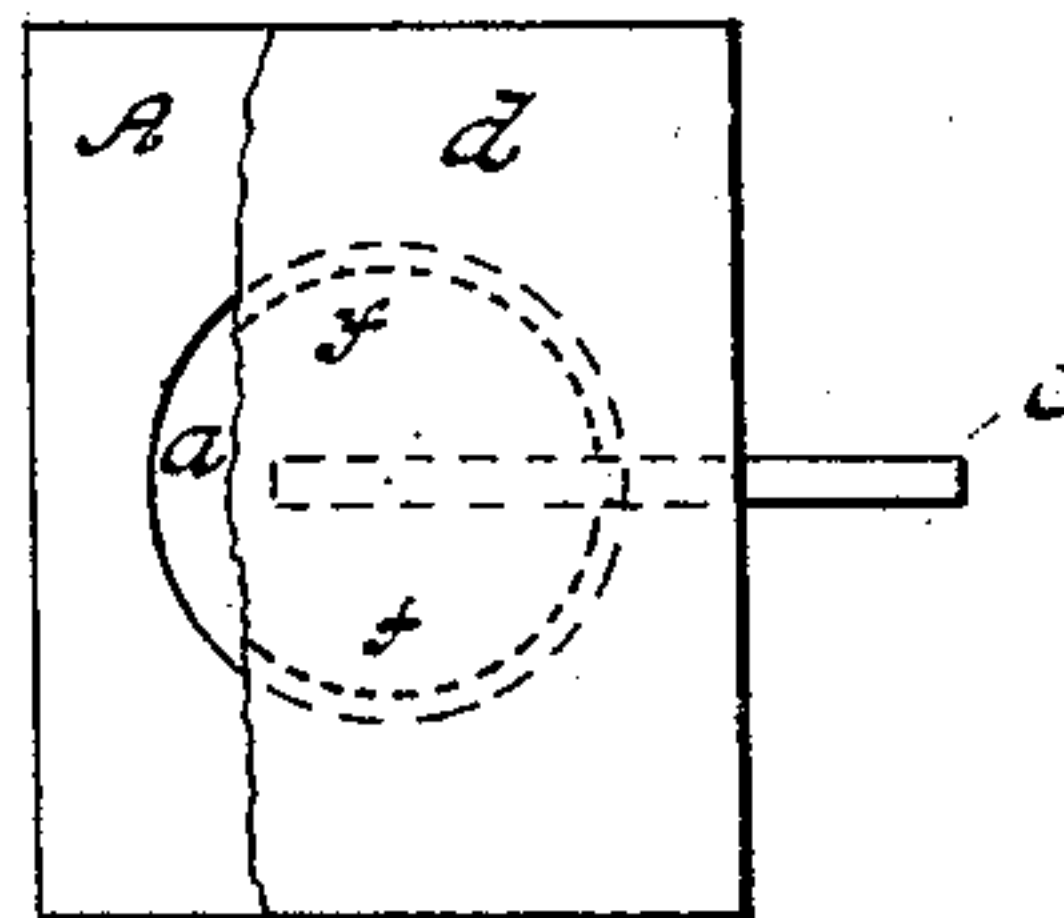


Fig. 13.



WITNESSES

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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 332,535, dated December 15, 1885.

Application filed March 19, 1885. Serial No. 159,450. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV L. JAEGER, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Paper Boxes, of which the following is a specification.

This invention relates to paper boxes; and it consists in the construction and combination of devices hereinafter described and claimed, reference being made to the accompanying drawings, illustrating my invention, in which—

Figure 1 represents a central longitudinal section of my improved box. Fig. 2 is a plan view of the same. Fig. 3 is a vertical section in the plane *yy*, showing the cover open. Figs. 4 and 5, 6 and 7, 8 and 9, 10 and 11, and 12 and 13 are sectional and plan views of modifications of my box.

Similar letters indicate corresponding parts.

In the drawings, referring especially to Figs. 12 and 13—being one a plane the other a section of one modification—the letter *A* designates the box, which may be made of paper or any other suitable material, and of any shape or size that its application may demand. In one side of the box a hole, *a*, is cut, and a closing-sheet, *d*, is pasted over the hole, thereby closing the box. In order to facilitate the operation of opening the box, a tearing-off strip, *e*, made either of cord or tape, is pasted to the bottom side of the closing-sheet in such a position that it can be easily grasped by the fingers and the closing-sheet torn open. In order to facilitate this operation, the closing-sheet *d* may be provided with indentations or perforations *f* close to the line of the hole. In most cases, however, I provide the hole *a* with a cover, *c*, of the same material as the box. The disk, cut out to form the hole *a*, may form the cover, Figs. 4 and 5, or said cover may be formed by cutting through in the line *pp*, Fig. 2, and may swing on the line *gg*, so that said cover can be turned up to the position shown in Fig. 3.

When the closing-sheet *d* and the tearing-off strip *e* are applied, the box is ready for use.

It is evident that when the cover is forced open, by means of the tearing-off strip or otherwise, the closing-sheet *d* will part around the edge of the cover, and after such forcing

open the cover is liable to fall or to be forced into the interior of the box. To obviate this I perforate or heavily stamp the paper along the line *ff*, Fig. 2, some distance from the edge of the cover, so that on opening the cover the closing-sheet will give along the said line *ff*, and the extending part connected with the cover prevents the same from being forced into the box. When the cover is arranged as and has the contour shown in Figs. 1, 2, and 3, it appears evident that the closing-sheet will remain intact along the line *g* and the cover will hinge about said line.

In the modification shown in Figs. 4 and 5 the hole in the upper side is circular and the cover cut as a circle, while the tearing-off strip extends completely across the bottom of the cover and projects out beyond the side of the box from two portions of the said cover, or else two separate strips may be used.

Figs. 6 and 7 show a modification wherein the cover does not fit into the hole, but over the same, while a portion, *g*, of the cover extends out beyond the closing sheet or edge of the box and fulfills all the functions of and is thereby substantially the tearing-off strip described in the previous examples.

In Figs. 8 and 9 the hole is shown to be rectangular, and a loop, *h*, of cord or tape, is the tearing-off strip of the previous examples, and to hold the same more securely a small sheet of paper, *i*, is pasted over the ends of the loop and the under side of the cover.

In order to facilitate the removal of the contents of the box, the hole can be placed in one corner of the box, as shown in Figs. 10 and 11, which are a vertical section and a plan of the same box and the cover placed correspondingly. In these figures the tearing-off strip is in one piece with the cover, as in Figs. 6 and 7.

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

1. A paper box provided with a hole in one of its sides, and with a closing-sheet which is pasted over the hole, and also over the adjoining parts, and indented or provided with perforations near the line of the hole.

2. A paper box provided with a hole in one of its sides, a cover for said hole, a closing-sheet pasted over the cover and the side having the hole, and the tearing-off strip se-

cured to the cover and under the closing-sheet, substantially as described.

3. A paper box provided with a hole in one of its sides, a cover for said hole, a closing-sheet pasted over the cover and the side 5 having the hole, and the tearing-off strip secured under both the cover and the closing-sheet, substantially as described.

4. A paper box provided with a hole in 10 one of its sides, a cover fitting said hole and a closing-sheet pasted over the cover and over the side having the hole, perforations or depressions formed in said sheet outside of the line of the hole, and means, substantially 15 as described, for opening the cover.

5. A paper box or canister provided with a filling-orifice in one of its walls, combined with means for closing said orifice, consisting of a hinged cover or lid, means for securing 20 the lid when closed, and a string or its equivalent attached to the free edge of the said lid, whereby the fastening devices may be readily torn away or broken at the free edge of the cover in the latter opening, substantially as 25 described.

6. A box or canister provided with a filling-orifice in one of its walls, combined with means for closing said orifice, consisting of a hinged cover or lid, a string or its equivalent attached to the free edge of said lid, and a 30 sheet of paper secured to the box over the said lid, substantially as described.

7. A paper box or canister provided with a filling-orifice in one of its walls, combined with means for closing said orifice, consisting 35 of a hinged cover or lid fitted within said orifice, a string or its equivalent attached to the free edge of the said lid, and a sheet of paper secured to the box over said lid, substantially as described. 40

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

GUSTAV L. JAEGER. [L. S.]

Witnesses:

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E. F. KASTENHUBER.