

No. 896,510.

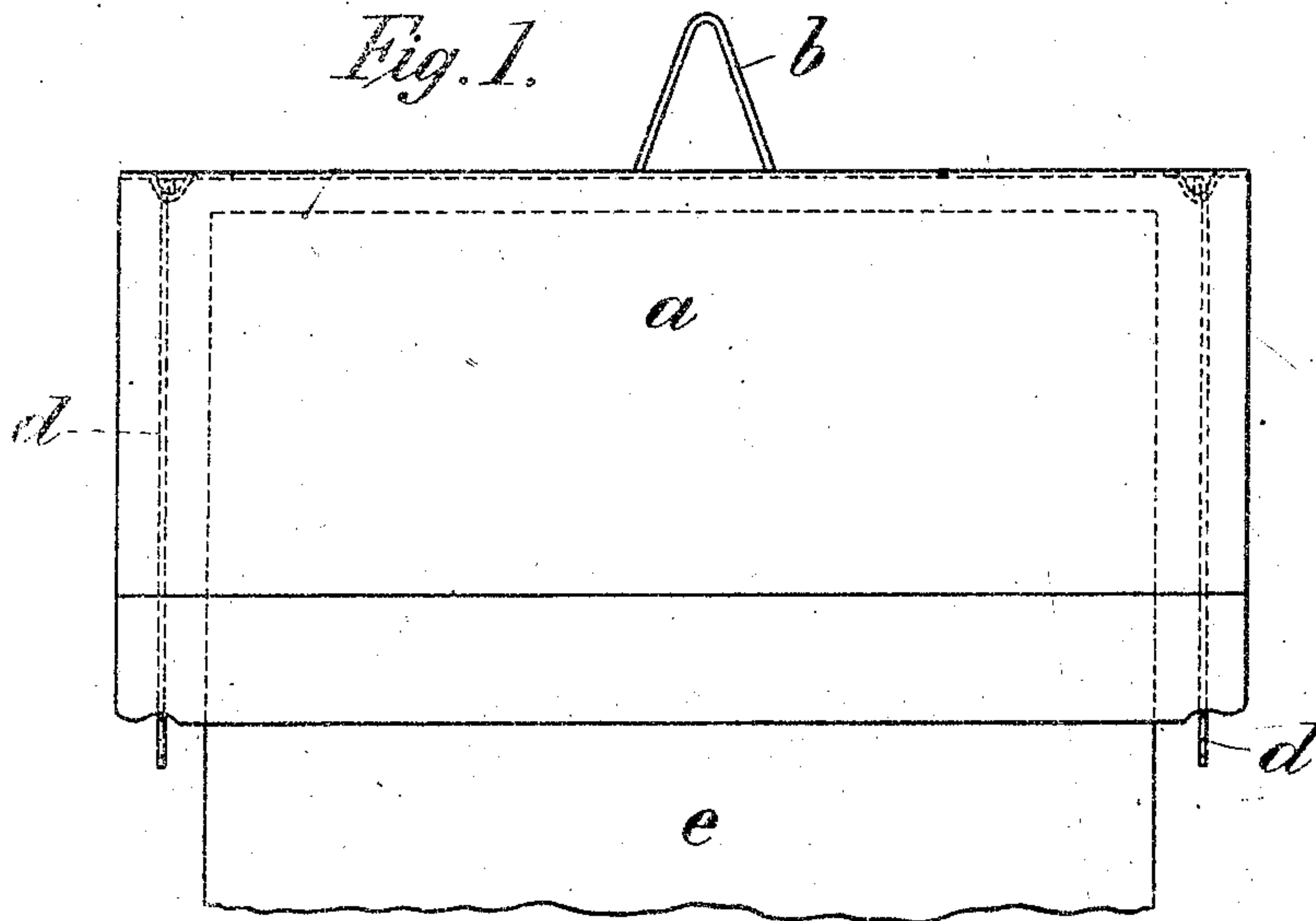
PATENTED AUG. 18, 1908.

A. BARUCH.

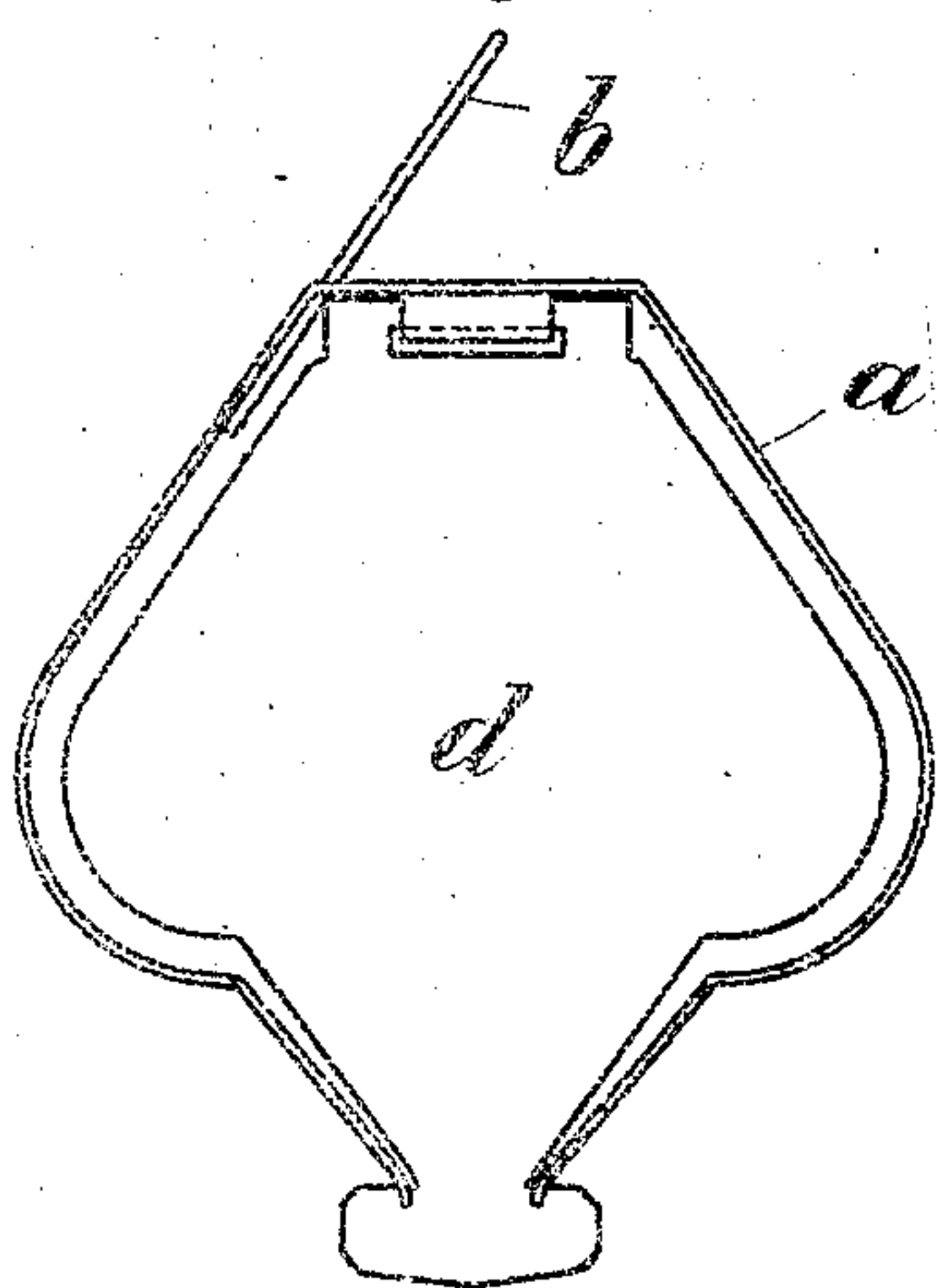
RECEPTACLE FOR HOLDING AND DELIVERING SINGLY PAPER SHEETS  
MUTUALLY FOLDED IN EACH OTHER.

APPLICATION FILED DEC. 17, 1907.

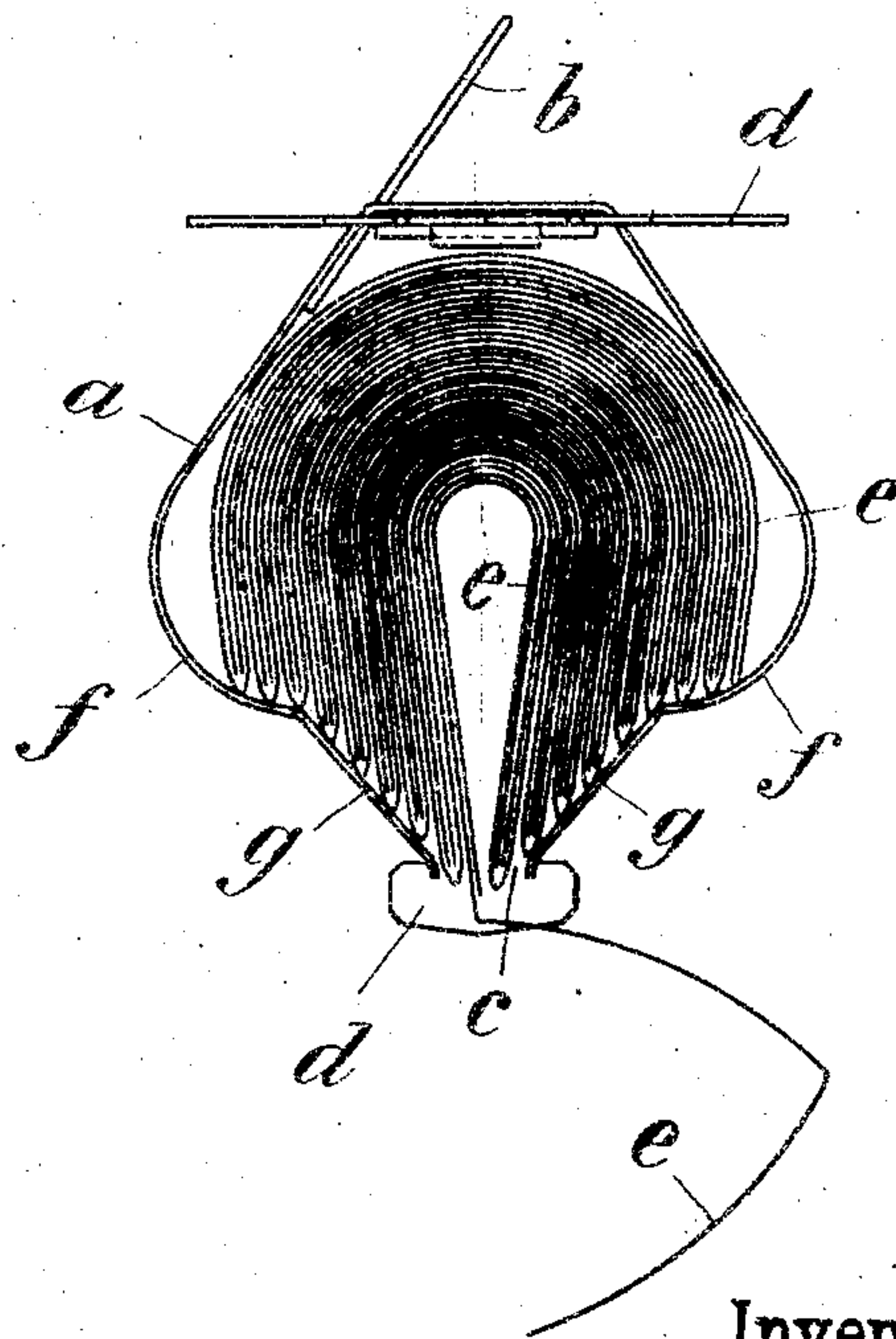
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses.

*Jesse N. Lutton.*

*W. H. Loomis.*

Inventor.

*Alphons Baruch*  
*by Henry P. H. Jones*



# UNITED STATES PATENT OFFICE

ALPHONS BARUCH, OF HAMBURG, GERMANY.

RECEPTACLE FOR HOLDING AND DELIVERING SINGLY PAPER SHEETS MUTUALLY FOLDED IN EACH OTHER.

No. 896,510.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed December 17, 1907. Serial No. 406,937.

*To all whom it may concern:*

Be it known that I, ALPHONS BARUCH, a citizen and resident of Hamburg, Germany, have invented a certain new and useful Improved Receptacle for Holding and Delivering Singly Paper Sheets Mutually Folded in Each Other, of which the following is a specification.

This invention relates to an improved holder or receptacle of peculiar design for holding and delivering singly sheets of paper folded in each other, so called "distributer paper" (toilet paper).

Hitherto boxes have been provided for toilet paper which boxes received the folded paper lying flat. In this case the slit through which the several sheets were drawn out, was usually in the bottom of the box, because in boxes of this kind it was necessary to hold the sheet ready to be drawn out slightly weighted. This weighting was effected either by the weight of the pile of paper itself or by other means. If however the weighting is a little too heavy there is the defect that the single sheets can only be drawn out of the boxes with difficulty, because when drawn out under tension they lie against the edge of the bottom slit, and are subjected to severe friction thereon. The sheets then are either liable to tear, so that the next following sheet end can no longer be drawn out through the slit, and the boxes get out of working order, or else the sheets cannot be pulled out at all owing to the excessive friction. Under the present invention, this defect is remedied by having the pile of paper not flat, but arranged in an arch-like curve, which is secured by giving the receptacle or holder such a shape that the pile of paper can only be inserted therein when folded together in this position, and is held in such a position over the delivery slit of the receptacle that the innermost sheet of the folded paper pile is always free, *i. e.* unweighted, and lies over or in the delivery slit, so that it can be drawn out of the latter easily, and without any trouble or derangement, when in the known manner it carries with it the next sheet half way out of the box.

In the annexed drawing which illustrates the invention, Figure 1 shows the new receptacle in a side view lengthwise, and Fig. 2 an end view. Fig. 3 is also an end view, with one of the end covers opened or turned up to

show the position of the sheets, folded in each other, of the pile of paper in the holder.

The holder or receptacle consists of a case *a* of about the shape of the section shown in Figs. 2 and 3, having at the top a lug or ear *b* for hanging the receptacle on a wall or the like and a delivery slit *c* in the bottom. To close off the ends of the case the latter can for instance be supplied with flap covers *d*.

In order to be able to insert the pile of paper, consisting of single sheets *e* folded within each other, into the receptacle, the pile of paper is bent with its opposite (folded) edges together in the way shown at Fig. 3, and is thus pushed endwise in the case *a* which secures the folded paper pile in its arched position, the edges of the fold being supported by the floor of the receptacle *a*. In this position of the paper pile, the sheets can, by taking the sheet which projects each time out of the slit, be drawn from the inside of the pile without the sheet being forced by weight or pressure against the edges of the slit. A further advantage for the easy removal of the folded sheets from the pile lies in the fact that owing to the curved position the cut edges inserted in the fold of each successive sheet are detached from each other, which is of particular importance when the cut edges, owing to irregular working of the folding machine, are folded firmly into each other, which may often result in several sheets being drawn out together. The detachment of the ends from each other results from the fact that the outer layers of the arch have an increasingly greater curvature than the inner.

It is immaterial whether the inside surface of the case is cylindrical or polygonal, whether in the form of a triangle, quadrangle, octagonal, or the like, provided only the pile of sheets is held bent by the shape of the case.

Both in a vertical and horizontal position of the case the slit for delivery may lie forward so that the sheet to be grasped is always visible.

The embodiment shown in the drawing shows two supporting surfaces *f* and *g* for the pile, on both sides, running in opposite directions. The part of the receptacle receiving the outer layers of paper sheets being wedge-shaped the several sheets are always forced towards the slit *c* and are constantly brought nearer to the slit *c* with their folded edges, even when only a few sheets are contained in



the case, so that with the whole of the sheets a large part will project out of the slit to be seized.

I claim:

- 5 1. A toilet-paper dispensing receptacle having supporting walls adapted to project under and to engage both ends of a symmetrically folded pile of sheets whereby said sheets may be fed end first to a central longitudinal dispensing slot formed by the walls.
- 10 2. A toilet-paper dispensing receptacle having downward diverging side walls provided with inwardly projecting ends adapted to engage both ends of the outer sheets of a
- 15 symmetrically folded pile when placed in the receptacle, and plates converging from the inwardly projecting ends adapted to support

the ends of the inner sheets of said pile on each side of a longitudinal slot formed by the converging plates.

- 20 3. A toilet-paper dispensing device comprising a receptacle having a body portion of substantially the same dimensions as the body of a folded pile of paper to be contained therein, converging plates depending from
- 25 the body portion conforming to the contour of the edges of a folded pile and forming a central dispensing slot, covers hinged to the ends of the body portion, and a supporting lug secured to the latter.

ALPHONS BARUCH.

Witnesses:

MAX FR. A. KAEMPFF,

ERNEST H. L. MUMMENHOFF.