

(No Model.)

O. H. HICKS.
PAPER RECEPTACLE.

No. 374,475.

Patented Dec. 6, 1887.

Fig. 1.

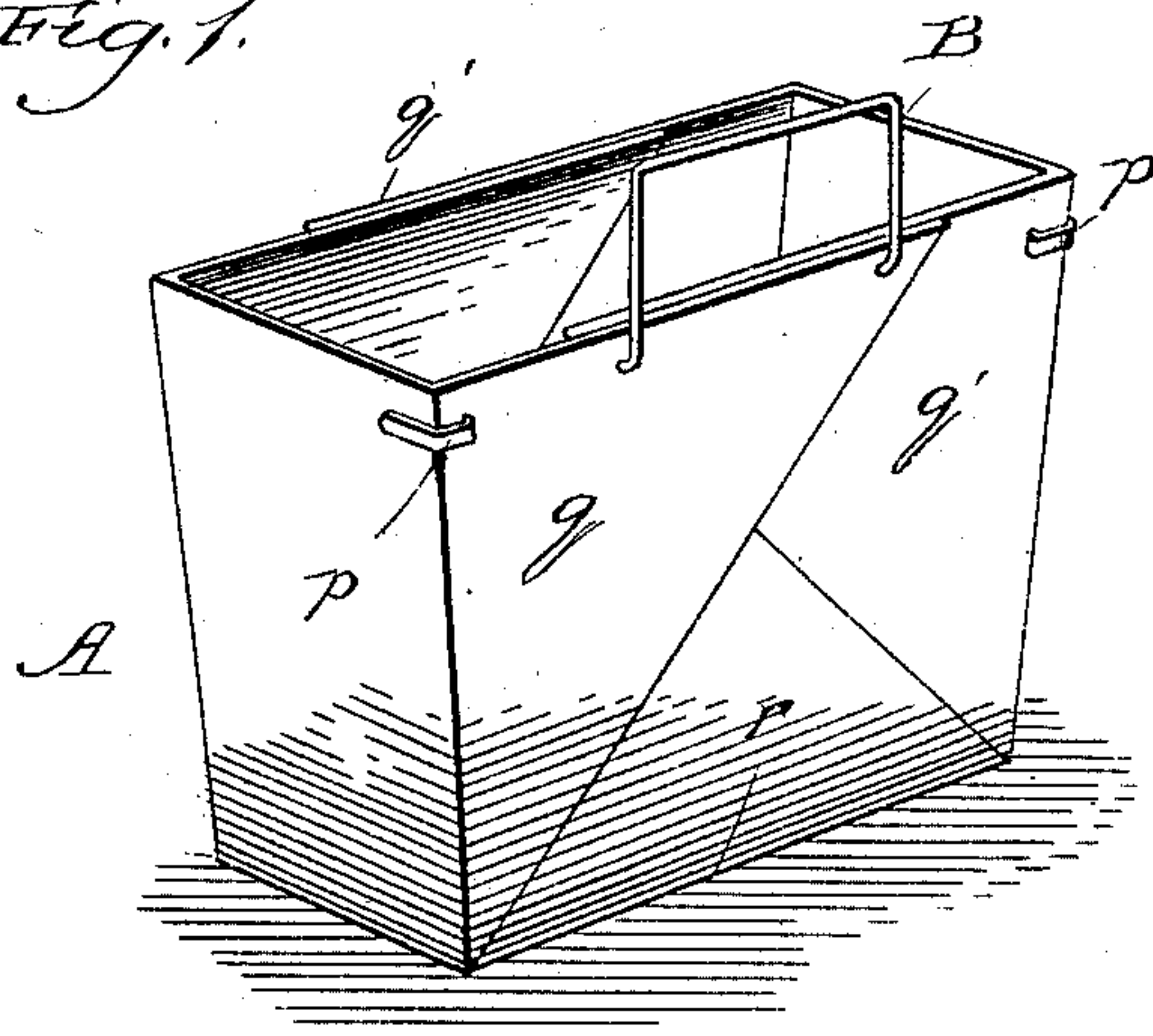


Fig. 2.

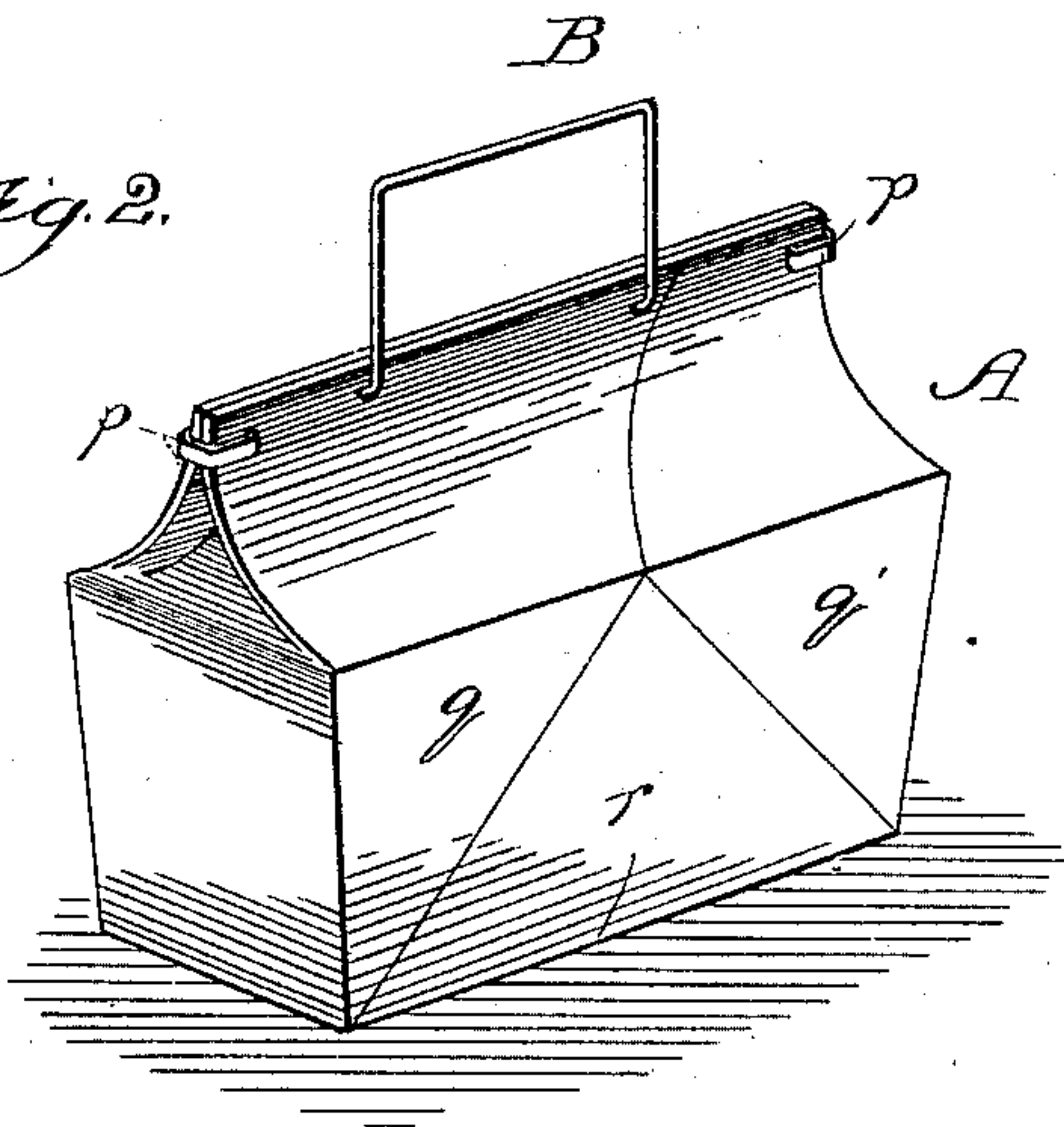


Fig. 3.

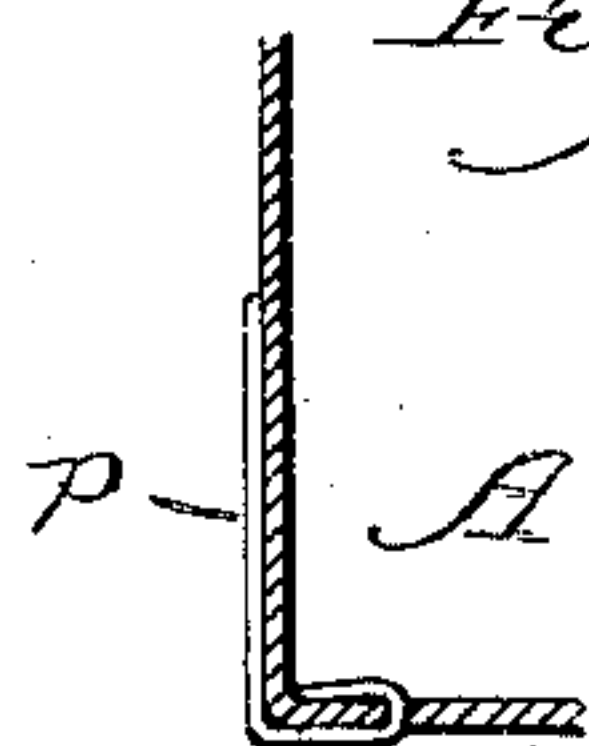


Fig. 4.



Fig. 5.

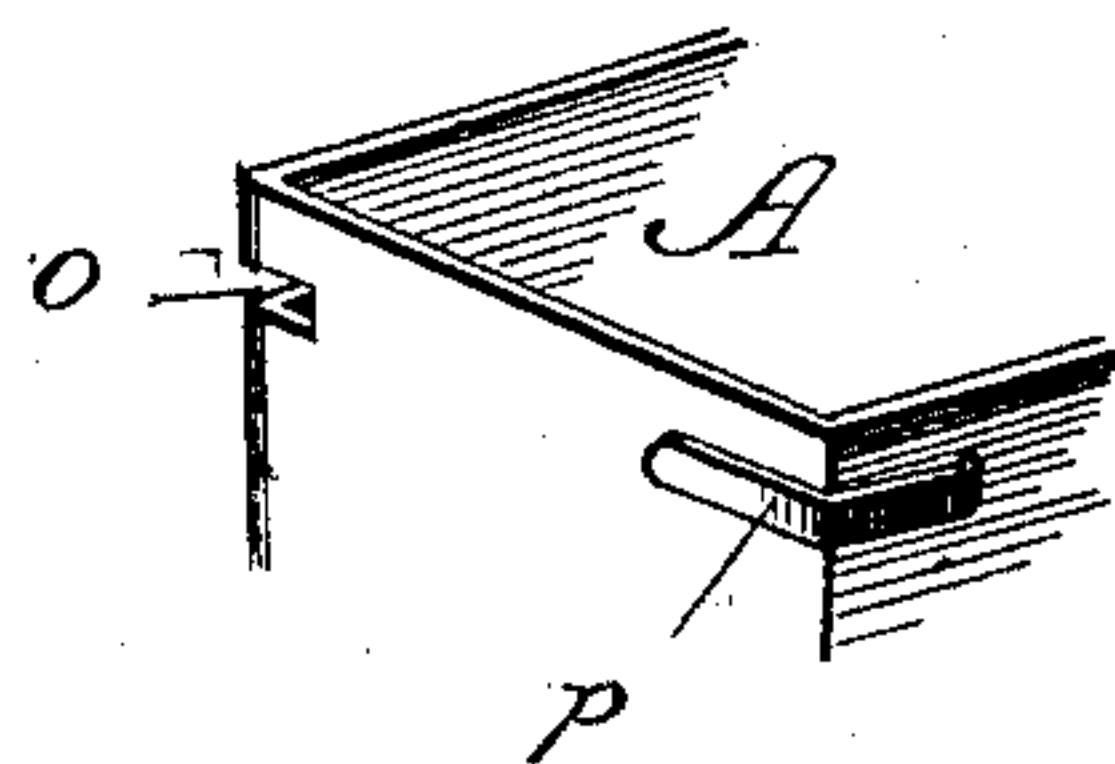
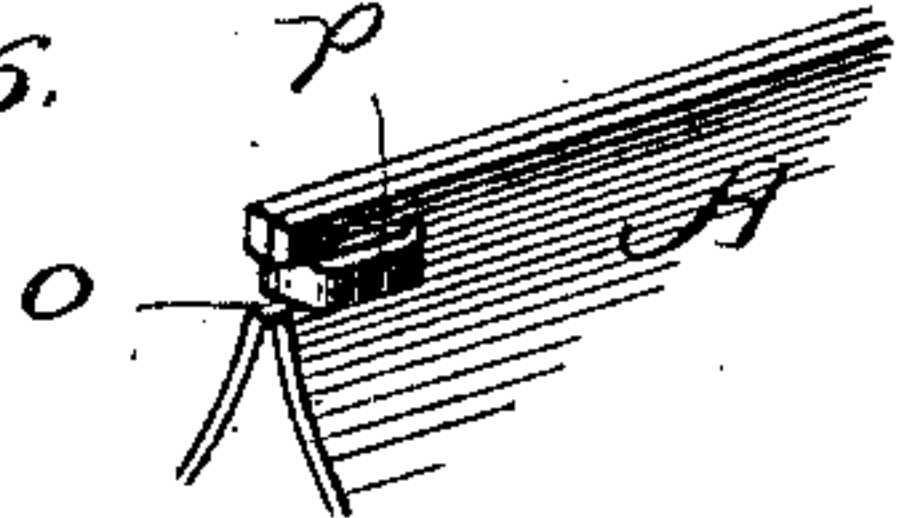


Fig. 6.



Witnesses
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PAPER RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 374,475, dated December 6, 1887.

Application filed May 9, 1887. Serial No. 237,559. (No model.)

To all whom it may concern:

Be it known that I, OLIVER H. HICKS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Paper Receptacles; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates particularly to improved mechanism for securing in closed condition a paper-receptacle having a flat or expanded base and closed to shield its contents, without the employment of an especial cover for the purpose, by compressing together two opposite sides toward the opening or mouth of the receptacle.

It is my object to provide a simple and effective novel form of clamp for permitting the receptacle to be readily secured when closed by bringing together opposite sides toward the opening, and which shall be constructed to avoid obstruction to nesting receptacles provided with it.

My invention consists in the construction hereinafter set forth and claimed.

In the drawings, Figure 1 is a perspective view of the paper receptacle when open, provided with my improved clamping mechanism in position to be readily manipulated for securing it when closed; Fig. 2, a similar view showing the receptacle closed and secured by means of my improved clamping device; Fig. 3, a plan view of a broken corner of the open receptacle, illustrating the position of the clamp before the receptacle is closed; Fig. 4, a broken sectional plan view showing the clamp as it appears in securing the parts brought together to close the receptacle; Fig. 5, a perspective view of a broken portion of the open receptacle provided with a modified form of my improved clamping mechanism; and Fig. 6, a similar view of the receptacle secured in closed condition by the means illustrated in Fig. 5, slightly modified.

A is a coverless receptacle of the kind formed by folding a sheet of paper to afford the flat base *r* and rectangular shape represented, and having the corners *q* and *q'* produced by the folding lapped one over the other on opposite sides of the receptacle, where they are secured in any desired manner, though on one side the securing is effected, or at least as-

sisted, by inserting the ends of the bail B through them and through the side of the receptacle upon which they are folded, whereby such ends extend through several thicknesses of the paper, which enables the strain of the weight of the contents of the receptacle, tending to tear the paper from the points of inserting the ends of the bail, to be withstood. On the side with the bail, near the corners, and just below the opening, as shown, or on the opposite side, or on diagonally-opposite corners, if preferred, are metal strips *p*, flat, as shown, or mere wires, secured in position by being inserted through the side and bent, each at its inner end against the inner surface, as illustrated in Figs. 3 and 4, and bent along the part which extends horizontally without the receptacle around the adjacent corner to lie against the outer surfaces of the adjacent sides, whereby it is removed out of the way of interfering with the nesting of receptacles for shipment or storage.

The receptacle is closed by compressing with the fingers of both hands opposite sides near the mouth, and at the same time, by preference, merely forcing inward the adjacent sides near their upper edges to produce the form shown in Fig. 2, which causes the ends of the clamps *p* against the surfaces of the said adjacent sides of the receptacle to protrude beyond the side of the latter opposite that to which the bail is fastened, when they are bent toward each other to extend along such side, and thus secure the parts together. Instead, however, of forcing inward the adjacent sides, as aforesaid, the ends on closing the receptacle may be allowed to extend outward and be bent or folded upon the outside of the adjacent sides and the clamps bent around them; or the clamps may be sufficiently long to be extended around the outwardly-projecting ends, when the latter would not require to be thus folded. Of course if the clamps are provided on the opposite side to that shown, they will extend in the opposite direction and be bent to secure the receptacle in closed condition against the side thereof provided with the bail, and if at diagonally-opposite corners they will be bent in opposite directions against the opposite sides. The differences thus indicated in the positions of the clamps are too obvious to require illustration in the drawings.

The modification represented in Figs. 5 and 6 consists in providing the corners at the side opposite to that upon which the clamps are located, or on all the corners, if desired, with notches on a plane with the clamps to afford shoulders or recesses *o*, into which the clamps are bent on closing the receptacle, thereby permitting a sharper bend, and thus producing the former clamping effect. If bent against the side opposite that provided with the handle, the recesses prevent the effect of the tendency of the weight of the contents to pull the side unsupported from the handle through the clamps.

It is within the spirit of my invention to bend the clamps backward upon themselves or in the direction to get them out of the way for nesting purposes, instead of having them extend around adjacent sides as their normal condition before the receptacle is used.

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

1. The combination of a coverless paper re-

ceptacle having a flat or expanded base, and constructed to be closed by compressing toward each other the edges at opposite sides of the opening until they meet, and means for securing the receptacle in closed condition, comprising metal strips *p*, secured near opposite corners to extend horizontally, or substantially so, and bent, whereby they are removed from obstructing in nesting, substantially as described.

2. The combination of a coverless paper receptacle having a flat or expanded base, and constructed to be closed by compressing together opposite sides toward the edges of the opening, and provided with corner notches or shoulders, *o*, and metal strips *p* upon the receptacle and bent, substantially as and for the purpose set forth.

OLIVER H. HICKS.

In presence of—

GEORGE C. COOK,
J. W. DYRENFORTH.