

No. 692,564.

Patented Feb. 4, 1902.

Z. B. WEBB.
FOLDING BOX.

(Application filed July 12, 1901.)

(No Model.)

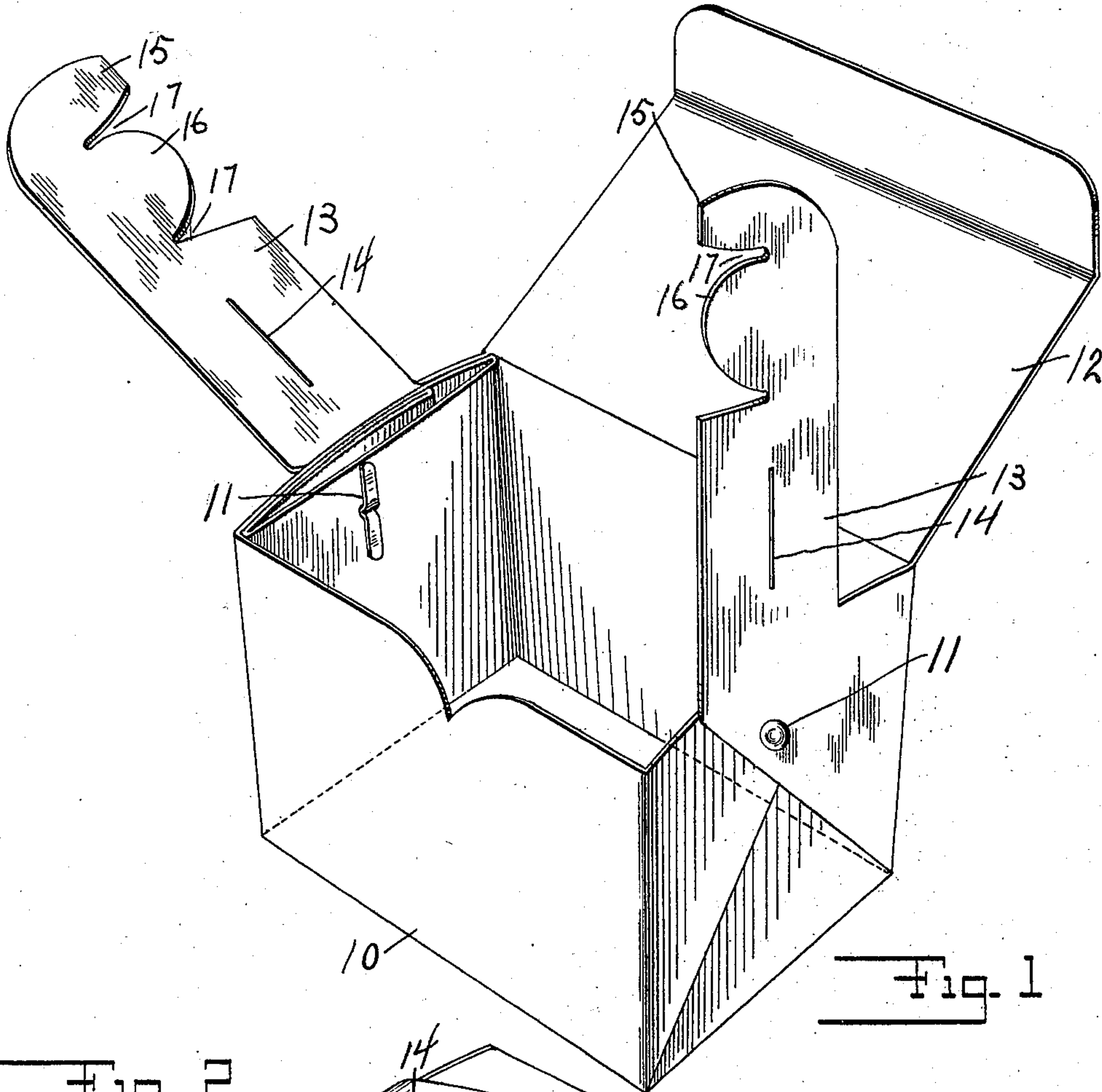


Fig. 1

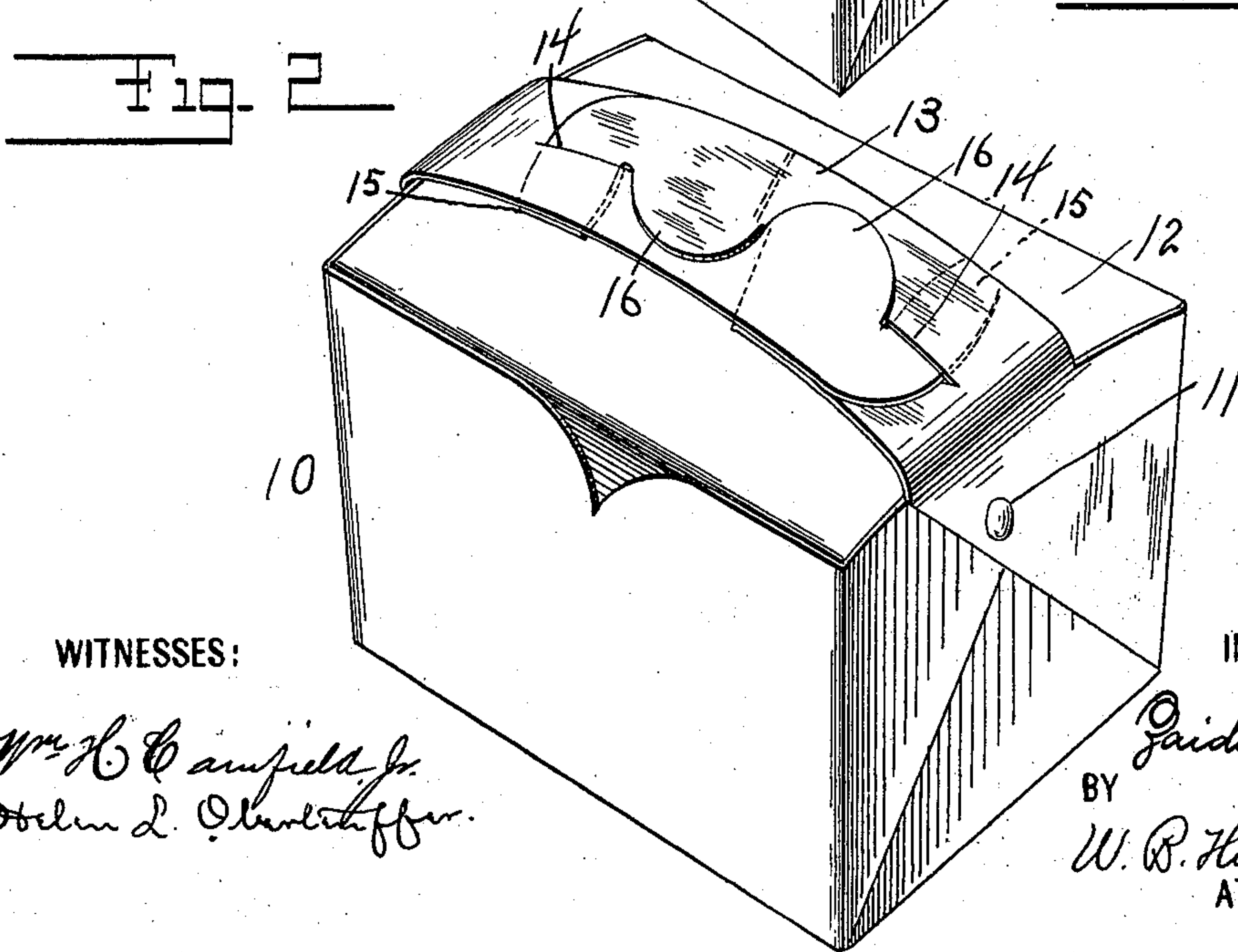


Fig. 2

WITNESSES:

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INVENTOR

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ZAIDA B. WEBB, OF WHIPPANY, NEW JERSEY, ASSIGNOR TO WEBB FOLDING BOX COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 692,564, dated February 4, 1902.

Application filed July 12, 1901. Serial No. 67,960. (No model.)

To all whom it may concern:

Be it known that I, ZAIDA B. WEBB, of Whippany, Morris county, New Jersey, have invented new and useful Improvements in Folding Boxes, of which the following is a full, clear, and exact description.

My invention relates to improvements in that class of folding boxes and paper boxes which have handles thereon; and the object of my invention is to produce a two-part handle attachment for an ordinary folding or similar box and to so construct and arrange the two parts of the handle that they may be very easily united to form a single handle and will when united be exceptionally strong.

To these ends my invention consists of certain features of construction and combinations of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference refer to similar parts throughout both of the views.

Figure 1 is a perspective view of an open box provided with my improved handle attachments, and Fig. 2 is a perspective view of the closed box with the two parts of the handle fastened together.

The box 10 may be of any approved kind, and I have not shown and shall not describe it in detail, but will simply refer to the end parts as being folded together and united by rivets 11. The box has also the ordinary folding top or cover 12, and this is adapted to be turned in between the two parts 13 of the handle before the said parts are united, after which they may be bent inward over the box-top and fastened together, as presently described. These parts 13 of the handle are similar in structure, and, as illustrated, they project from the upper end edges of the box, although it will be seen that the parts may project from any opposed edges of the box, and for this reason the structure of the box is not very material. Usually, however, the parts 13 would be integral with the adjacent parts of the box. Each part 13 is slotted lon-

gitudinally, as shown at 14, this slot being produced near the base of the part 13, and the said part has at its free end a laterally-arranged tongue 15. Near the free end the part 13 is notched in two places, as shown at 17, thus forming between the two notches a keeper 16, and this cutting away of the part 13 gives the necessary clearance to the tongue 15. The keeper 16 is preferably rounded off on the outer edge, although the form of the keeper is not especially material. The form shown is preferable, however, for the reason that it is not likely to tear or be frayed.

When the two parts of the handle are to be united, the box-cover 12 is first turned inward and downward to position, and the parts 13 are then overlapped and brought together with a slight lateral movement, the tongue 15 of one being tucked in the slot 14 of the other. At the same time the keeper 16 of one is made to overlap the corresponding part of the other, and so the engagement of the keepers with the parts 13 and of the tongues with the slots of the said parts causes the two parts to be united so firmly that the handle will resist a very great strain. It has been found by tests and it will be readily seen that the keepers 16 serve to stiffen and brace the handle.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a box, of a two-part handle, each part being attached to opposed edges of the box, and each part being longitudinally slotted and provided near its free end with a laterally-extending tongue and at a point between the tongue and slot with an independent laterally-extending keeper so that when the two parts of the handle are overlapped the tongue of one may enter the slot of the other and the keeper of one overlap and engage with the body portion of the other.

2. The combination with a box, of a two-part handle, each part being integral with opposed edges of the box, and each part being

longitudinally slotted and provided with a laterally-extending terminal tongue and with a laterally-arranged rounded keeper so that when the two parts of the handle are overlapped the tongue of one may enter the slot of the other and the keeper of one overlap the body portion of the other.

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

ZAIDA B. WEBB.

In presence of—

HENRY H. DAWSON,
LAURA E. HARDGROVE.