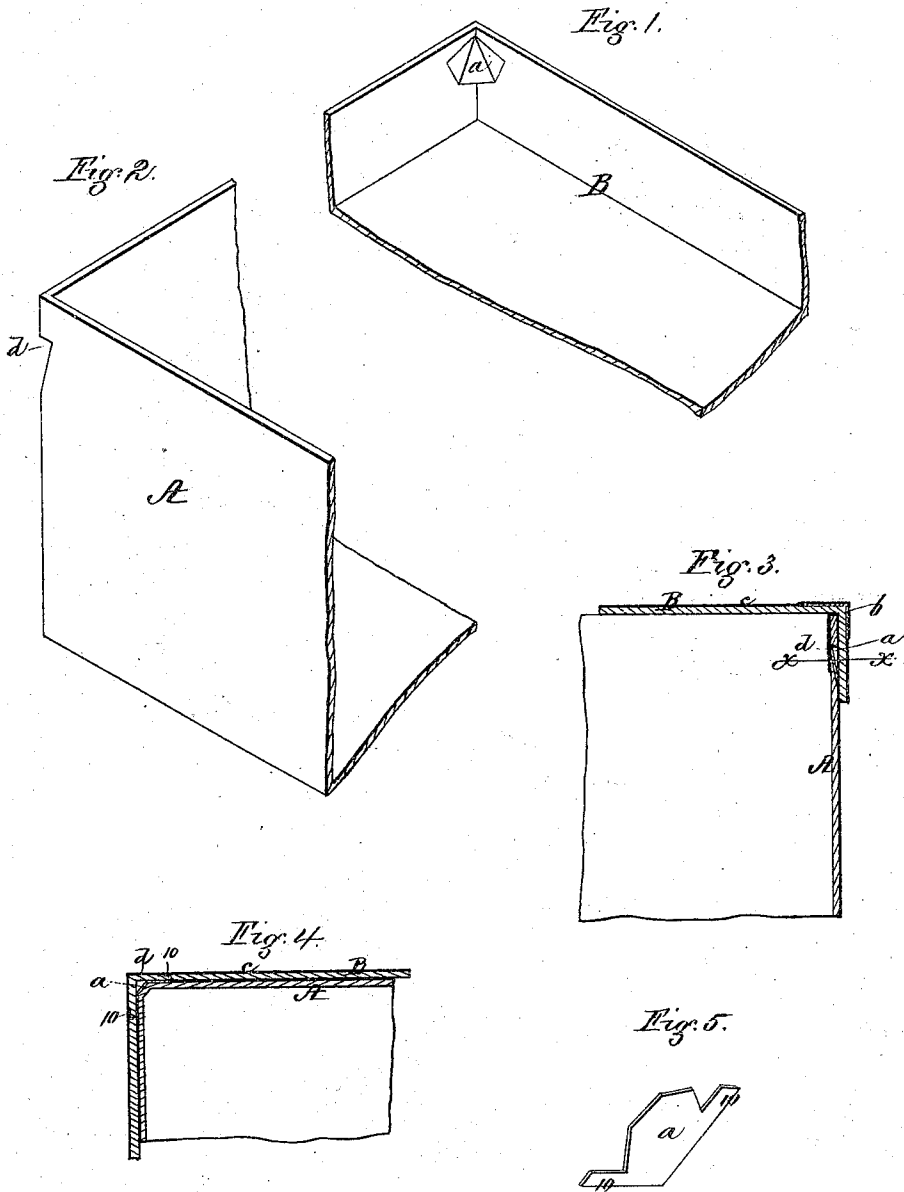


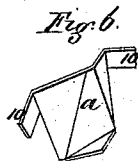
Magee & Wall, Paper Box.

No. 113,319.

Patented. Apr 24, 1871.



Witnesses,
N. W. Stearns
W. Cambridge



Inventors,
Benard L. Magee
James S. Wall

United States Patent Office.

BERNARD J. MAGEE AND JAMES F. WALL, OF WATERTOWN,
MASSACHUSETTS.

Letters Patent No. 113,319, dated April 4, 1871.

IMPROVEMENT IN PAPER BOXES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, BERNARD J. MAGEE and JAMES F. WALL, both of Watertown, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Paper Boxes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figures 1 and 2 are perspective views representing portions of the cover and lower part or body of a paper box, with our improvement applied thereto.

Figure 3 is a vertical section, (enlarged,) showing the manner of fastening the cover to the body of the box.

Figure 4 is a transverse section on the line xx of fig. 3.

Figures 5 and 6 represent our improvement detached.

To avoid the inconvenience, loss of time, and expense incident to the ordinary method of securing a cover of a paper box in place by means of a cord, twine, &c., is the object of our invention, which consists in providing the inside of the corner of the cover with a catch or projection, and the outside of the corner of the body of the box with a notch or projection, whereby, when the cover is pressed down upon the body, the two are securely locked and held together, and the liability of the contents of the box being accidentally displaced is thus avoided, a slight compression of the body of the box at or near its corners serving to unlock the catch so that the cover may be raised and removed.

To enable others skilled in the art to understand and use our invention, we will proceed to describe the manner in which we have carried it out.

In the said drawing—

A represents a portion of the body of a paper box, and

B, a portion of its cover.

At the inside of each corner of the cover is placed

a catch or plate, a , of metal or other suitable material, the original form of the plate being that shown in fig. 5, which, after being bent as shown in fig. 6, is snugly inserted within the pasteboard of the corner of the cover during the process of shaping and constructing it, the points 10 entering slits in the pasteboard a short distance each side of the corner.

The points 10 after being passed through the pasteboard, are clinched or flattened down, and covered with a strip of cloth, b , or other material, when a paper strip, c , is laid over the strip b , and extends entirely around the outside of the edge of the cover.

At the outside of each corner of the body of the box is formed a notch, d , into which (when the cover is pressed down upon the body) catches the upper edge of the metal plate a , the corner of the body yielding slightly so as to spring over and confine the cover securely in place as desired, thereby dispensing with the use of cord, twine, &c., to hold the cover on the body, to prevent the contents of the box from being accidentally displaced therefrom.

Instead of the notch d on the outside of each corner of the body of the box, a projection may be provided for the plate a to hook over.

Claim.

What we claim as our invention and desire to secure by Letters Patent, as an improvement in the manufacture of paper boxes, is—

The cover B, provided with a catch, a , at each corner, in combination with the body A, having a notch or projection, d , at each corner, constructed to operate substantially at and for the purpose set forth.

Witness our hands this 8th day of February, 1871.

BERNARD J. MAGEE.
JAMES F. WALL.

Witnesses:

N. W. STEARNS,
W. J. CAMBRIDGE.