(No Model.) 2 Sheets—Sheet 1.

M. LOEWENTHAL.

BOX STAY.

No. 431,068. Patented July 1, 1890.

Fig. 1.

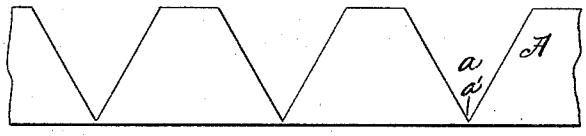


Fig. 2.

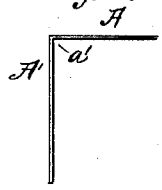


Fig. 3.

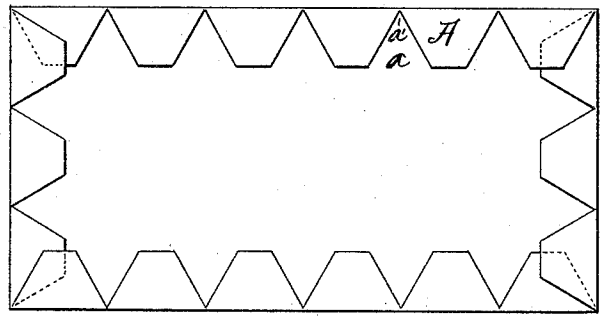
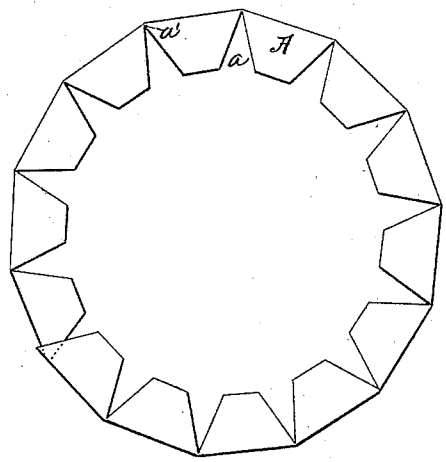


Fig. 4.



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Wm. M. Iliff.

INVENTOR
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BY Gifford & Brown
HIS ATTORNEYS.

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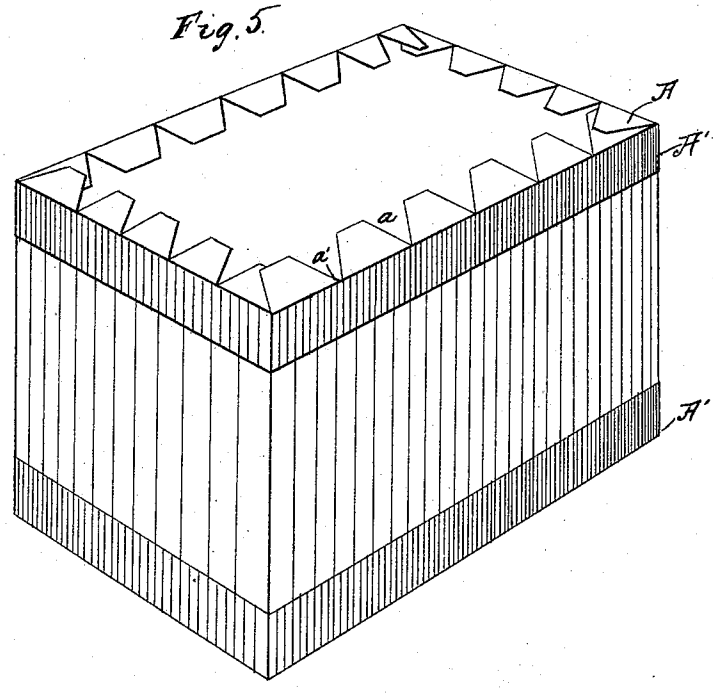
(No Model.) 2 Sheets—Sheet 2.

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BOX STAY.

No. 431,068. Patented July 1, 1890.

Fig. 5.



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UNITED STATES PATENT OFFICE.

MARCUS LOEWENTHAL, OF NEW YORK, N. Y.

BOX-STAY.

SPECIFICATION forming part of Letters Patent No. 431,068, dated July 1, 1890.

Application filed March 3, 1890. Serial No. 342,465. (No model.)

To all whom it may concern:

Be it known that I, MARCUS LOEWENTHAL, of New York, in the county and State of New York, have invented a certain new and useful Improvement in Stays for Packages, of which the following is a specification.

This invention consists in a metal strip adapted to removably engage the edges of a box or package and having one of its angles provided with notches.

The object of the invention is to provide a means to protect the edges and corners of paper boxes or packages from indentation or breakage by a cord employed in securing the package or by handling in transportation, or from other means of breakage.

In the accompanying drawings, Figure 1 shows a top surface of a stay-strip embodying my improvement. Fig. 2 is an end view thereof. Fig. 3 shows the stay as applied to a rectangular box or package. Fig. 4 shows the strip as applied to a round box or package. Fig. 5 is a perspective view of a box with the stay thereon.

Similar letters of reference designate corresponding parts in all the figures.

The stay-strip is preferably made of metal, and it consists of the integral portions A A′ normally at right angles to each other and having a smooth inner surface, so that no damage may result therefrom to the box or package to which the stay-strip is applied. The portion A has notches or cut-away portions *a*, here shown as V-shaped and extended to the point of angle *a*′. I have shown the cut-away portions as V-shaped; but they may be rectangular without departing from the spirit of my invention, and the number of cut-away portions within a given space is immaterial. The portion A′ is not provided with notches. It is designed to embrace the lateral edges of a box, allowing the portion A to lap over the top or bottom edge of a box, the notches in the portion A allowing the portion A′ to lie closely against the lateral edge of a round box, as shown in Fig. 4, or to turn the corners of a rectangular box, as shown in Fig. 3. This strip may be used in sections, or a continuous strip may be employed to surround the edge of a box.

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

1. A stay-strip for boxes or packages, consisting of a metal strip having two portions, one at right angles to the other, and one only of said portions having notches extending to the point of the angle, substantially as specified.

2. A stay-strip for boxes, consisting of a metal strip having two portions, one at right angles to the other, and one only of said portions having V-shaped notches extending to the point of angle, substantially as specified.

MARCUS LOEWENTHAL.

Witnesses:
S. O. EDMONDS,
C. R. FERGUSON.