

(No Model.)

O. & M. SCHUBERT.
METAL STRIP FOR CORNERS OF BOXES.

No. 569,568.

Patented Oct. 13, 1896.

Fig. 1.

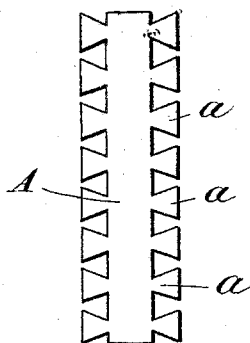


Fig. 2.

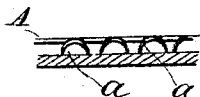
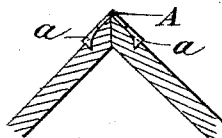


Fig. 3.



Fig. 4.



Witnesses:

W. V. Bidgood
J. Green

Inventors.
Otto Schubert and *Max Schubert*
by *Knight & Press*
Attorneys.

UNITED STATES PATENT OFFICE.

OTTO SCHUBERT AND MAX SCHUBERT, OF CHARLOTTENBURG, GERMANY,
ASSIGNORS TO THE UNITED STATES METAL BOX CORNER COMPANY,
OF ATLANTA, GEORGIA.

METAL STRIP FOR CORNERS OF BOXES.

SPECIFICATION forming part of Letters Patent No. 569,568, dated October 13, 1896.

Original application filed December 6, 1894, Serial No. 531,006. Divided and this application filed June 5, 1896. Serial No. 594,360. (No model.) Patented in England April 16, 1891, No. 8,485; in Belgium November 8, 1894, No. 112,631; in Sweden November 9, 1894, No. 6,384; in Switzerland November 12, 1894, No. 9,364; in Denmark November 13, 1894, No. 257, and in Italy November 17, 1894, No. 37,633/474.

To all whom it may concern:

Be it known that we, OTTO SCHUBERT and MAX SCHUBERT, subjects of the King of Prussia, Emperor of Germany, residing at Charlottenburg, near Berlin, in the Kingdom of Prussia and German Empire, have invented certain new and useful Improvements in Metal Strips for the Corners of Boxes, of which the following is a specification.

This invention is embodied in the following patents: in Great Britain, No. 8,485, dated April 16, 1891; in Belgium, No. 112,631, dated November 8, 1894; in Sweden, No. 6,384, dated November 9, 1894; in Switzerland, No. 9,364, dated November 12, 1894; in Denmark, No. 257, dated November 13, 1894, and in Italy, No. 37,633/474, dated November 17, 1894, and in an application in Russia, No. 20,849, dated November 8, 1894, on which a patent has not yet been granted.

Our present application is a division of our allowed application, serially numbered 531,006, filed December 6, 1894, which covers a machine for applying serrated metal strips to the corners of cardboard and other boxes.

Our present invention covers the improved form of metal strip which has its edges formed with dovetailed recesses and bent-over dovetailed serrations having inbent prongs.

In order that our invention may be fully understood, we will first describe the same with reference to the accompanying drawings, and afterward point out the novelty with more particularity in the annexed claim.

In said drawings, Figure 1 is a view of our improved corner-binding strip. Fig. 2 is a detail view illustrating the position of one edge of the strip before it enters the side of the box. Fig. 3 is a detail sectional view illustrating the edge of the strip embodied in the box. Fig. 4 is a detail cross-sectional

view showing the position of the strip on the corner of the box.

The metal strip A is formed with dove-tailed serrations *a*, which are adapted to be arched or bent over into the form shown in Fig. 2, with the prongs of the serrations projecting inwardly.

The pieces of paper board or wood forming the box are placed together, as shown in Fig. 4, and the strip is bent along a central longitudinal line, with the prongs of the arched serrations projecting toward the parts of the box. The prongs are then forced into the parts of the box into the position shown in Figs. 3 and 4. This effects a fastening which can only be loosened by a forcible destruction of the connected parts of the box.

The machine for applying the corner-pieces to boxes is fully described and claimed in our application above referred to. Such corner-pieces, applied in the above-described manner, possess the advantage that the serrations are not subjected to bending, the operation of fastening being effected by one pressure, and at the same time they are a perfect substitute for fasteners applied in the interior of boxes which can easily be bent up and are frequently a disturbing element in the same.

What we claim, and desire to secure by Letters Patent, is—

A metal strip for a metal-corner-binding machine having its edges formed with dovetail recesses and with bent-over dovetail serrations having inbent prongs; substantially as described.

In witness whereof we have hereunto set our hands in presence of two witnesses.

OTTO SCHUBERT.
MAX SCHUBERT.

Witnesses:

PEREGRINE VERNAL,
PAUL ZUCKER.