(No Model.)

## E. WOODWARD & M. BROCK. Tack-Strip.

No. 226,818.

Patented April 20, 1880.

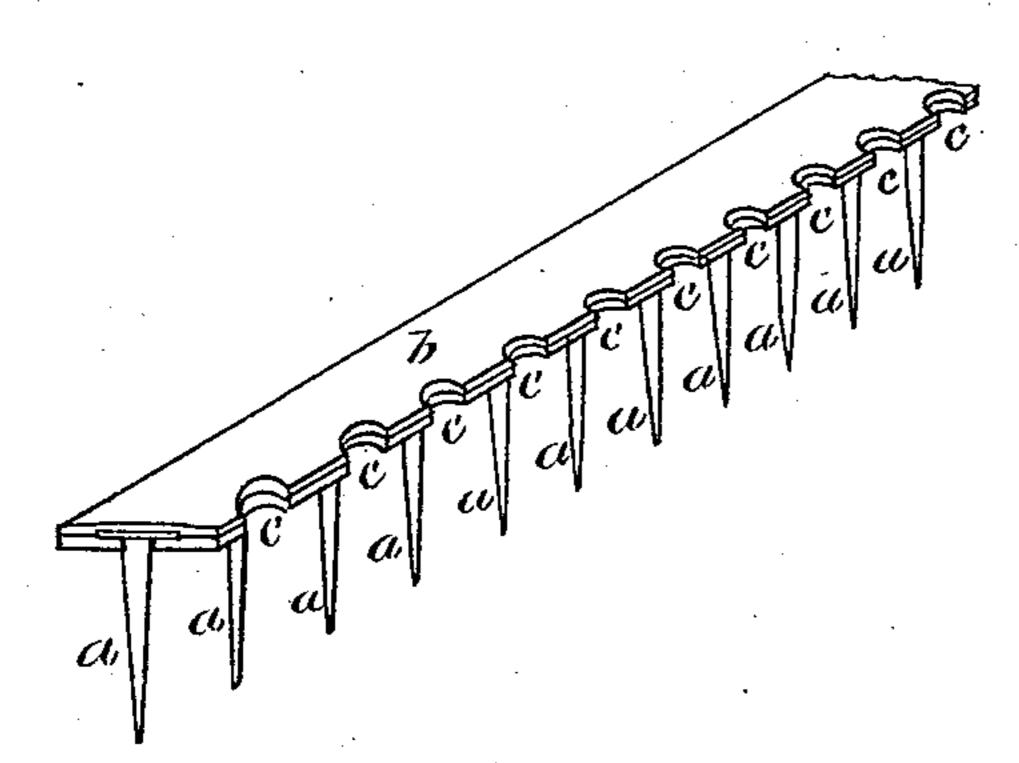


Fig.L

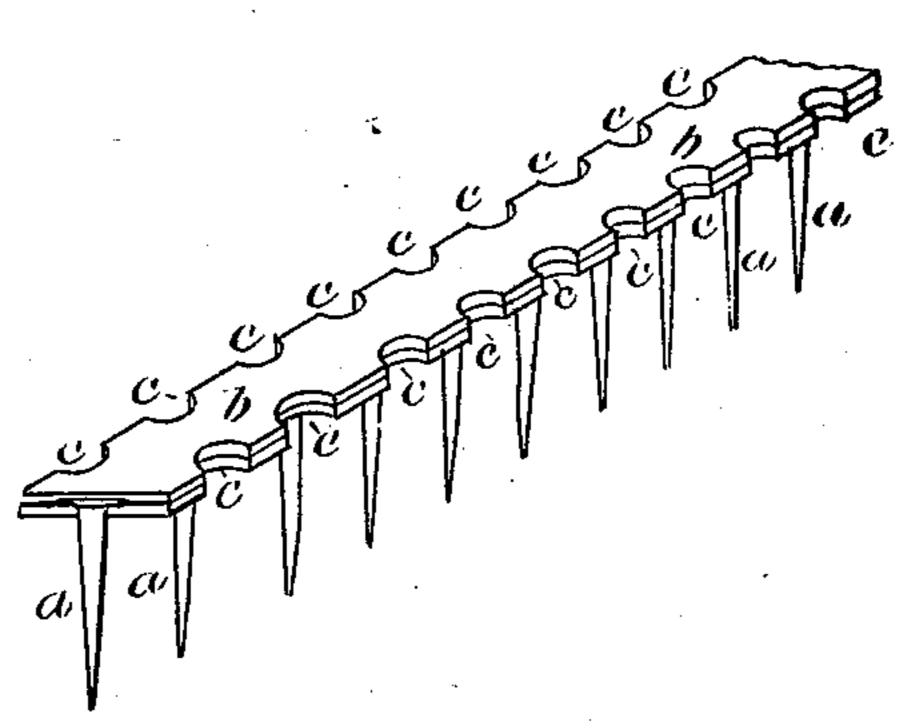
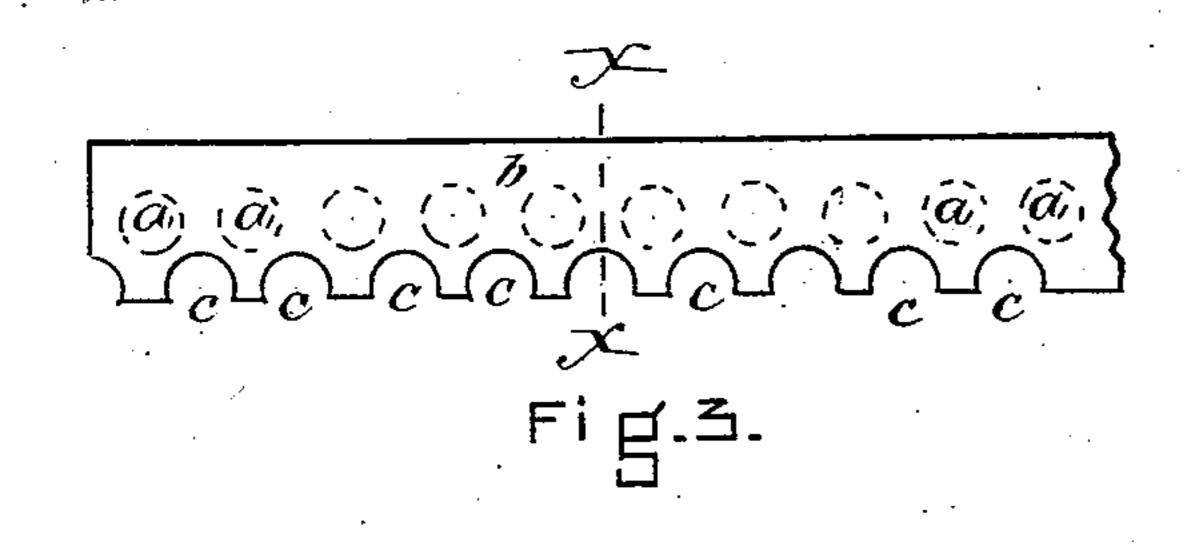
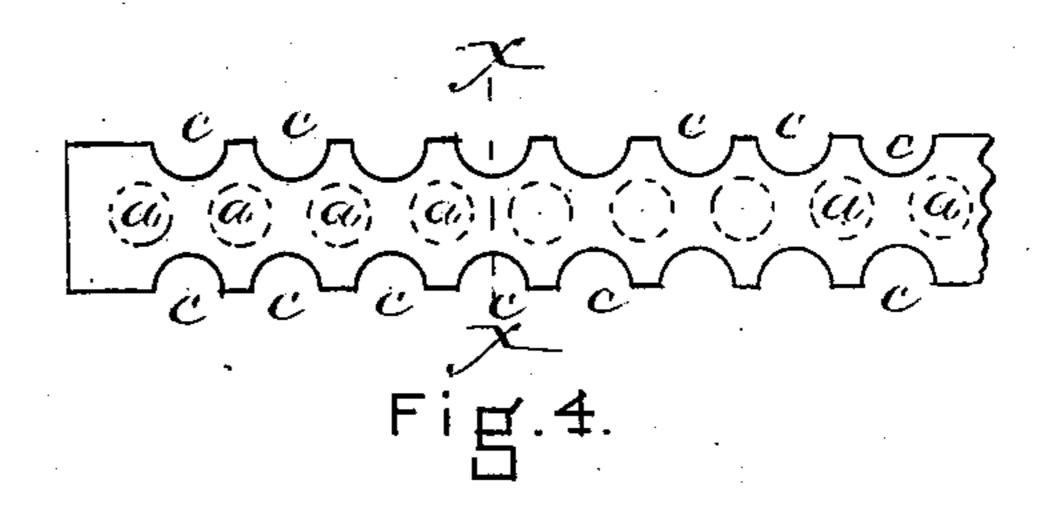


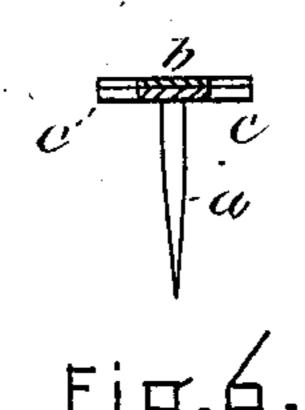
Fig.Z.



To Co

Fig-5





WITNESSES F. J. M. Glintock. A.J. Oettinger Earlie Works
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Clarke & Raymond.

## United States Patent Office.

ERASTUS WOODWARD AND MATTHIAS BROCK, OF BOSTON, MASS., ASSIGNORS TO THE COPELAND LASTING MACHINE COMPANY, OF HARTFORD, CONN.

## TACK-STRIP.

SPECIFICATION forming part of Letters Patent No. 226,818, dated April 20, 1880.

Application filed March 19, 1880. (No model.)

To all whom it may concern:

Be it known that we, ERASTUS WOODWARD and MATTHIAS BROCK, of Boston, in the county of Suffolk and Commonwealth of Massachusetts, have invented an Improvement in Tack-Strips, of which the following is a specification.

This invention is an improvement upon the tack-strips described in Letters Patent No. 186,663, dated January 30, 1877, and No. 197,609, dated November 27, 1877, both granted to George W. Copeland and Matthias Brock; and it consists in the hereinafter-described provision given the tack-strip, whereby it may be fed by a suitable feeding mechanism to the driving device regularly and uniformly.

Reference is made to the accompanying drawings, forming a part of this specification, in explaining the nature of our invention, in which—

Figure 1 is a perspective of our improved tack-strip. Fig. 2 is a modification of the same. Fig. 3 is a plan of the strip shown in Fig. 1. Fig. 4 is a plan of the strip shown in Fig. 2. Figs. 5 and 6, respectively, are cross-sections upon the lines x x of Figs. 3 and 4.

In an application of even date herewith we have described a tack-strip having tack holding and connecting portion perforated or partially perforated for the purpose of providing

means by which the same can be fed by suitable mechanism.

In this invention, instead of perforating the tack connecting and holding strip, we indent or recess one or both edges of the holding- 35 strip, and separate said indentations, grooves, or recesses by an interval equal in width to the distance between the tacks.

a represents the tack; b, the tack holding and connecting strip; c, the indentations, 40 grooves, or recesses. They may be arranged upon one or both edges of the strip, as desired, and in feeding it is designed that these indentations, recesses, or grooves shall act as abutments against which the feeding pawl or yoke 45 which advances the strip horizontally to the tack-driving mechanism may come in contact.

Having thus fully described our invention, we claim and desire to secure by Letters Patent of the United States—

A tack-strip consisting of the tacks a and strip b, having grooves or recesses c upon one or both edges thereof, substantially as and for the purposes described.

ERASTUS WOODWARD.
MATTHIAS BROCK.

Witnesses:

F. F. RAYMOND, 2d, F. F. McClintock.