

(No Model.)

J. R. PROUTY.

NAIL STRIP.

No. 383,908.

Patented June 5, 1888.

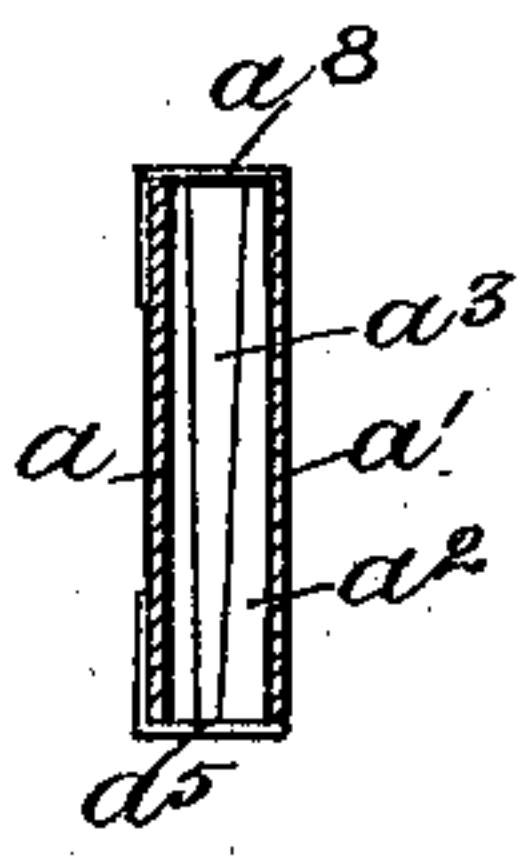


Fig. 2.

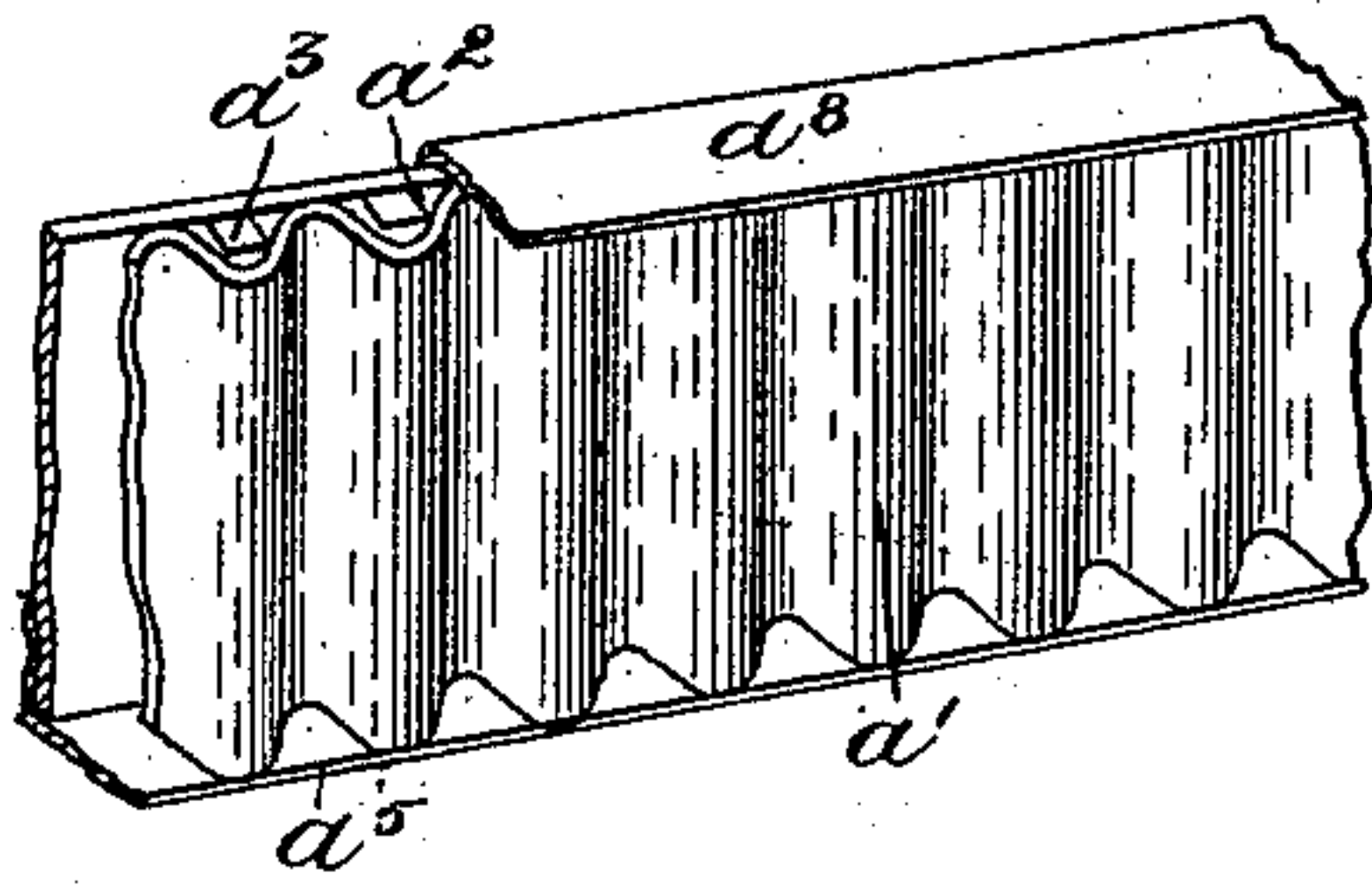


Fig. 1.

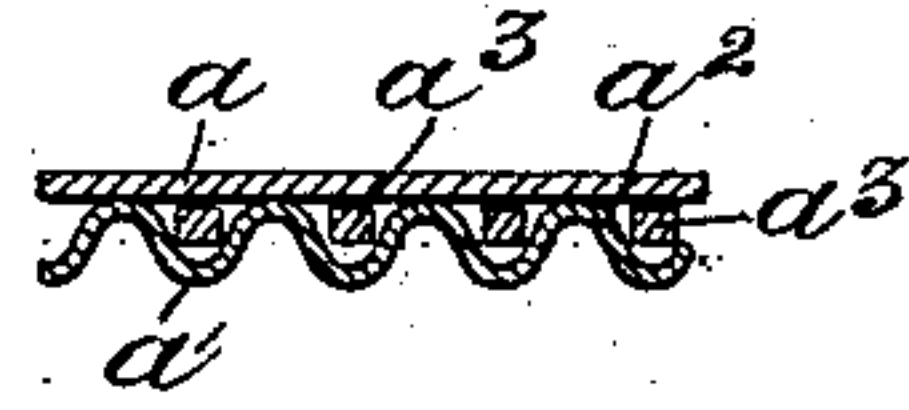


Fig. 3.

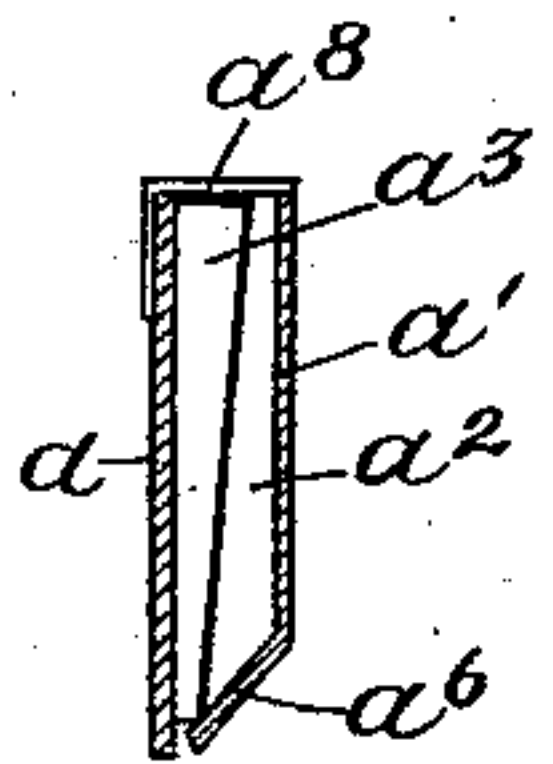


Fig. 5.

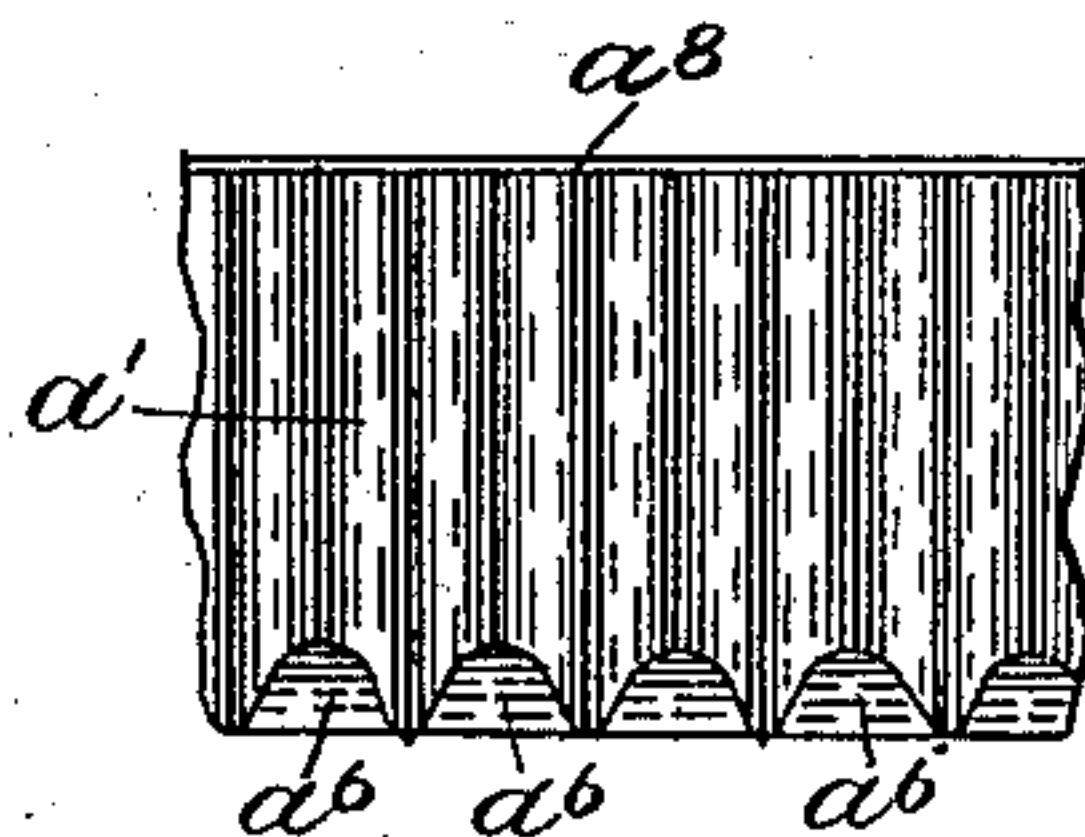


Fig. 4.



Fig. 11.

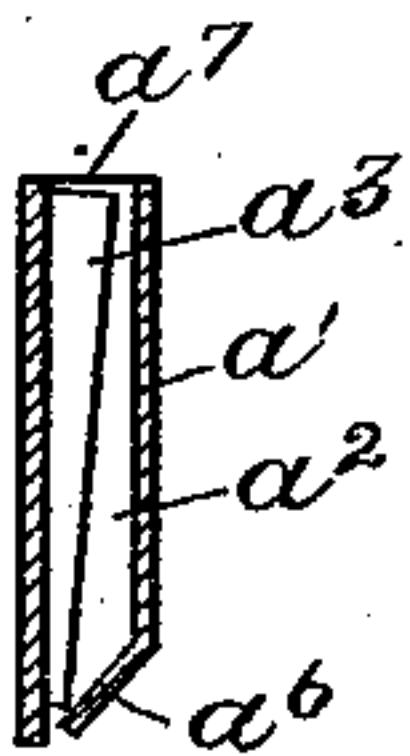


Fig. 7.

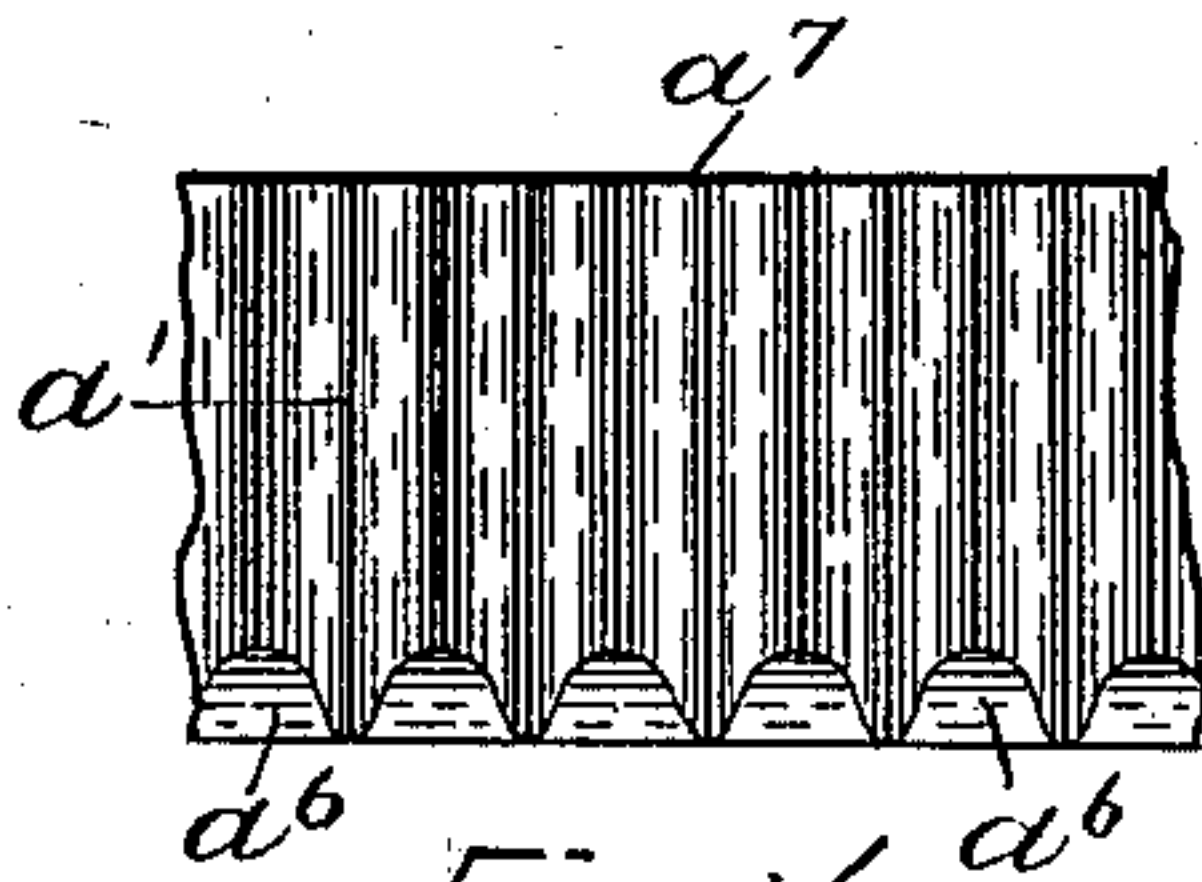


Fig. 6.

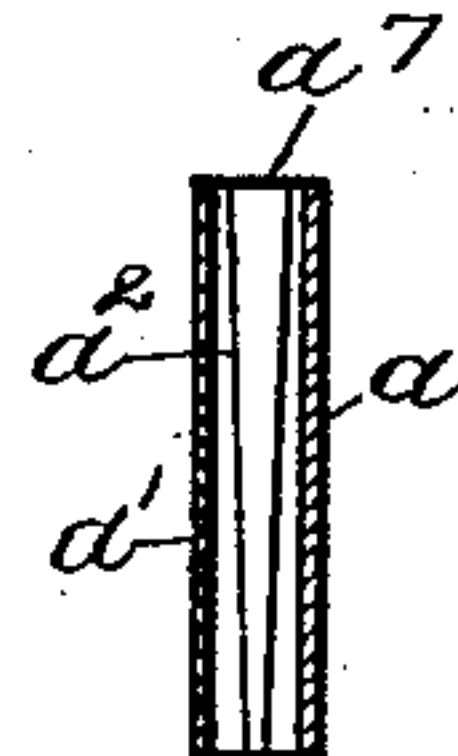


Fig. 8.

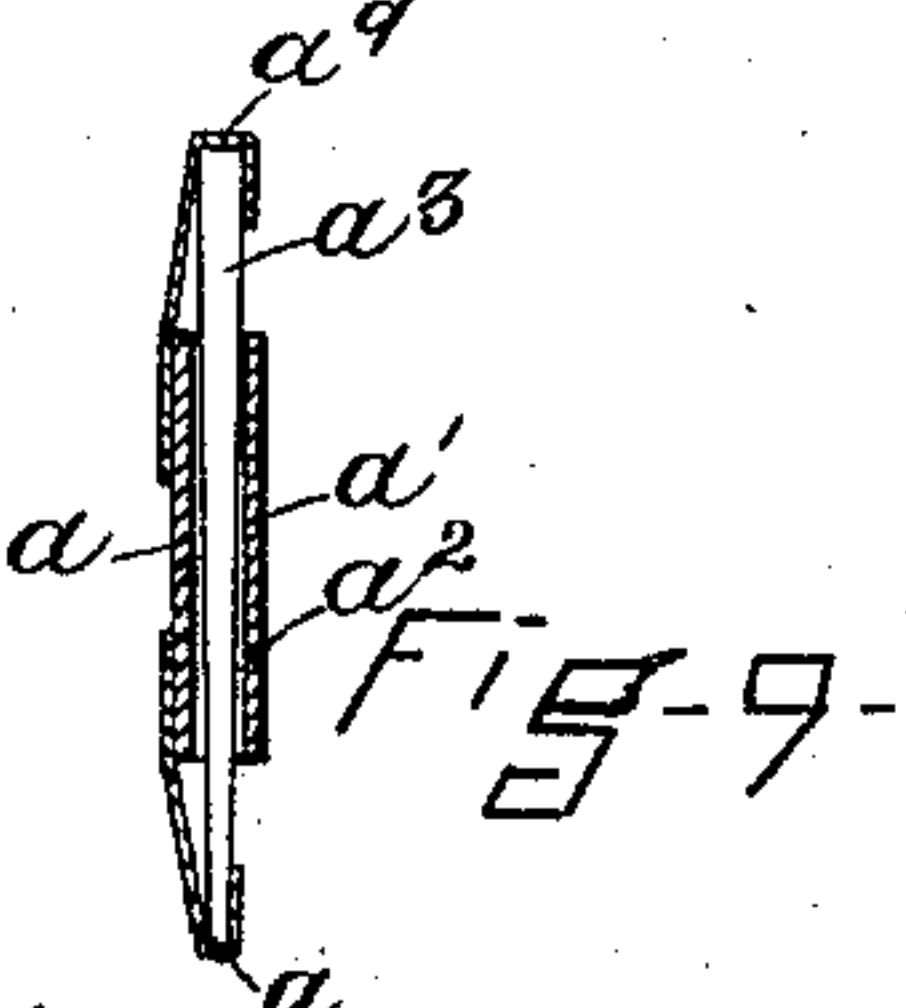


Fig. 9.

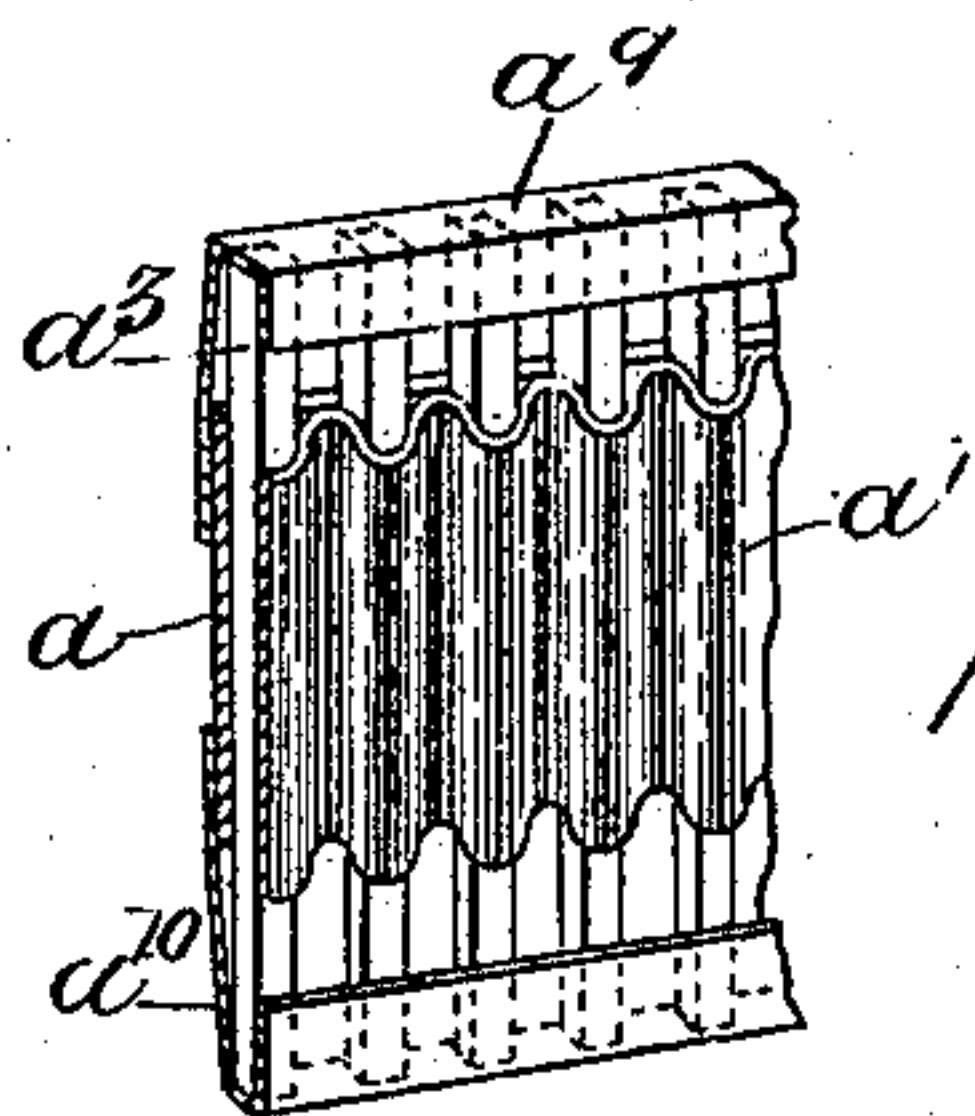


Fig. 10.

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UNITED STATES PATENT OFFICE.

JONAS R. PROUTY, OF SPENCER, MASSACHUSETTS.

NAIL-STRIP.

SPECIFICATION forming part of Letters Patent No. 383,908, dated June 5, 1888.

Application filed October 12, 1887. Serial No. 252,116. (No model.)

To all whom it may concern:

Be it known that I, JONAS R. PROUTY, of Spencer, in the county of Worcester and State of Massachusetts, a citizen of the United States, have invented a new and useful Improvement in Nail Strips, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

The invention is an improvement upon that described in my application for Letters Patent No. 252,115 of the United States of even date herewith; and it comprises a nail-strip, the essential elements of which are a nail-carrier consisting of a straight flexible strip of paper or other suitable material and a corrugated strip of paper or other suitable material united to one side of the straight strip by glue, cement, or other suitable adhesive substance, to form, in connection with the straight strip, a series of nail holders or pockets which are closed upon all sides. These nail holders or pockets are of a size to receive a nail headed or unheaded, but not to hold it by frictional contact therewith—that is, the pockets must be of sufficient size to hold the nails loosely. To hold nails in the strip, I close one end of the pockets by a strip of thin paper or other suitable material pasted, cemented, or glued upon the back under edge, and, if desired, the lower front edge of the strip, or by closing the lower ends of the pockets or holders by pinching or flattening the lower end of the projecting sections of the corrugations, or by means of glue, cement, varnish, or other suitable material applied to the lower edge of the strip in a manner to enter the holders or pockets, or extend across them to provide a bottom for the pockets or holders, and after the nails have been inserted in these pockets or holders they are held therein by varnish, glue, or cement applied along the upper edge of the strip, or by a paper retaining-strip secured to the remainder of the strip. Where a narrow carrier is used, or the nails project above or below the edge of the carrier or both, then they may be held in place by paper retaining-strips of sufficient width to extend from one side of the carrier-strip over the points and heads of the nail, or

either, as the case may be, to which the retaining strip or strips are united by cement or glue.

In the drawings, Figure 1 is a view enlarged of a nail-carrying strip having the features of my invention. Fig. 2 is a cross-section thereof. Fig. 3 is a short horizontal section thereof; and Figs. 4 to 11, inclusive, represent slight modifications in construction, hereinafter referred to.

In the drawings, a is the straight section of the strip; a' , the corrugated section; a^2 , the nail pockets or holders, and a^3 the nails which are loosely held therein.

In Fig. 8 I have represented the lower edge of the holders or pockets as closed by the cement or varnish a^4 , and in Figs. 2 and 3 by the thin paper retaining-strip a^5 , and I have shown in Figs. 4 and 6 the lower ends of the pockets or holders closed by pinching or flattening the corrugations. (See a^6 .) The upper ends of the pockets or holders are closed by cement or varnish a^7 , as represented in Figs. 7 and 8, or by the paper retaining-strip a^8 , as represented in Figs. 1, 2, 4, and 5. In Figs. 9 and 10 I show, in lieu of the paper retaining-strip applied directly to the ends of the pockets, a narrower carrier-strip and the retaining-strips applied to the ends of the nails, the strips being attached by an adhesive substance to the carrying-strip, and also by an adhesive substance to the nails, the strip a^9 extending over the points of the nails and being folded back upon the same, and the strip a^{10} being extended over the heads of the nails, and being folded back upon the other side.

The advantages of this invention arise from the fact that headed as well as unheaded nails can be thus held and fed, and that the nail holders or pockets being larger than the nails the nails can be more easily fed and inserted therein and therefrom. Of course in this strip the nails are not held by the binding of any portion of the carrier-strip upon them, as they are prevented from leaving the pockets only by closing the ends thereof; otherwise they would be free to drop therefrom.

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

1. A nail-strip having a series or line of holders or pockets closed at both ends and nails contained in said pockets or holders, as and for the purposes described.
- 5 2. The improved article of manufacture consisting of a flexible carrier having nail pockets or holders which are closed at their top and bottom by thin easily-destructible material, and nails loosely held in said pockets, as and for the purposes described.

JONAS R. PROUTY.

In presence of—

F. F. RAYMOND, 2d,
J. M. DOLAN.