

(Specimens.)

M. H. MARCUS & W. O. COLLINS.
STAIR PAD.

No. 535,803.

Patented Mar. 12, 1895.

Fig. 1.

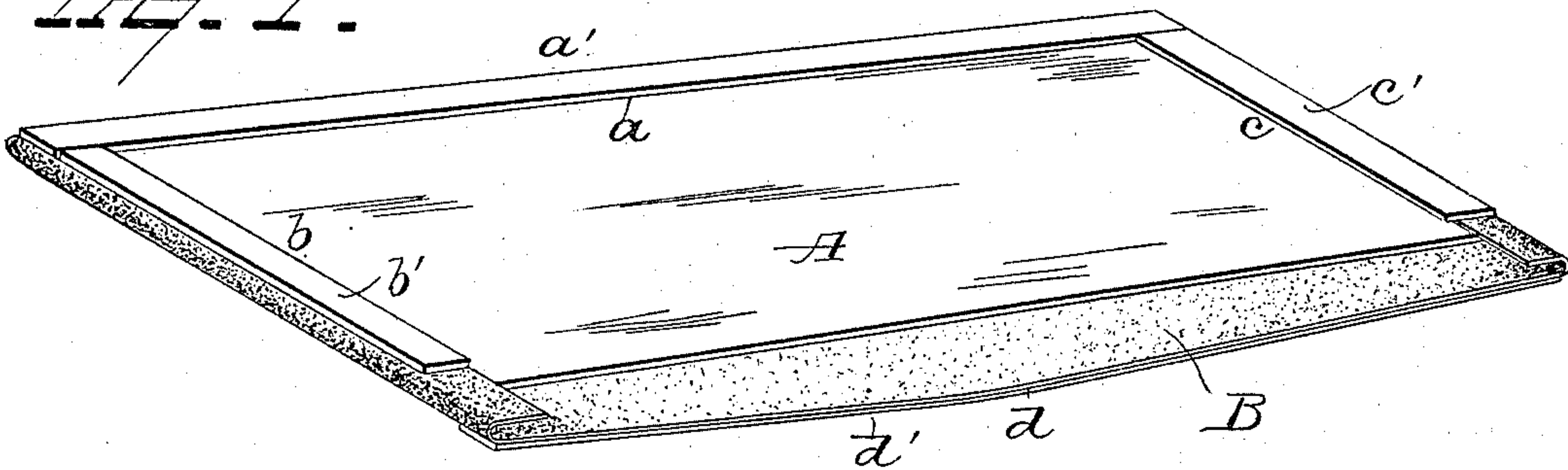
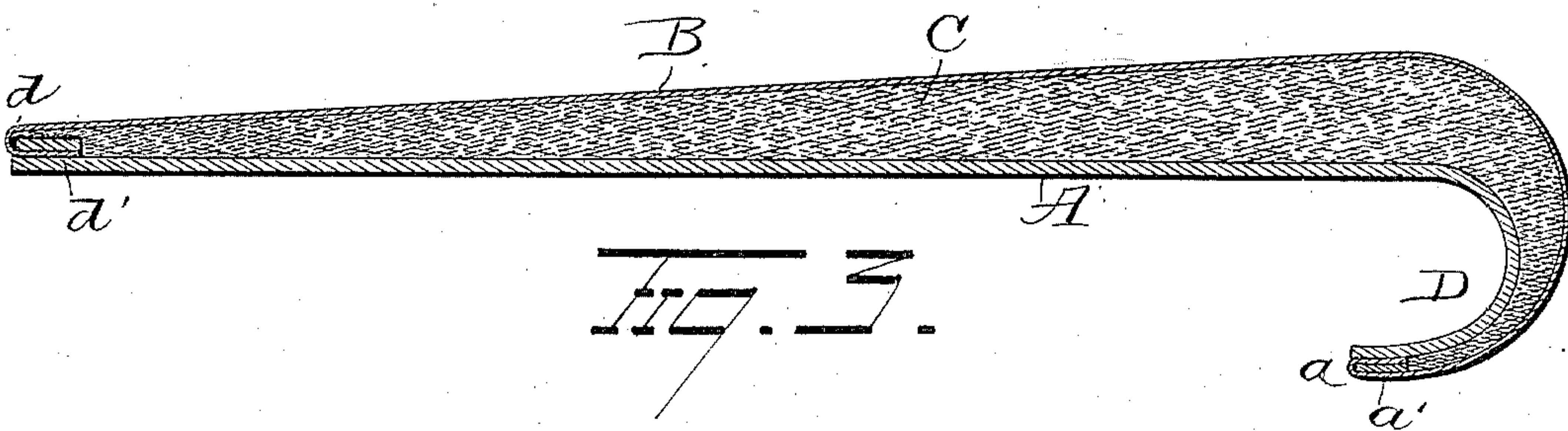
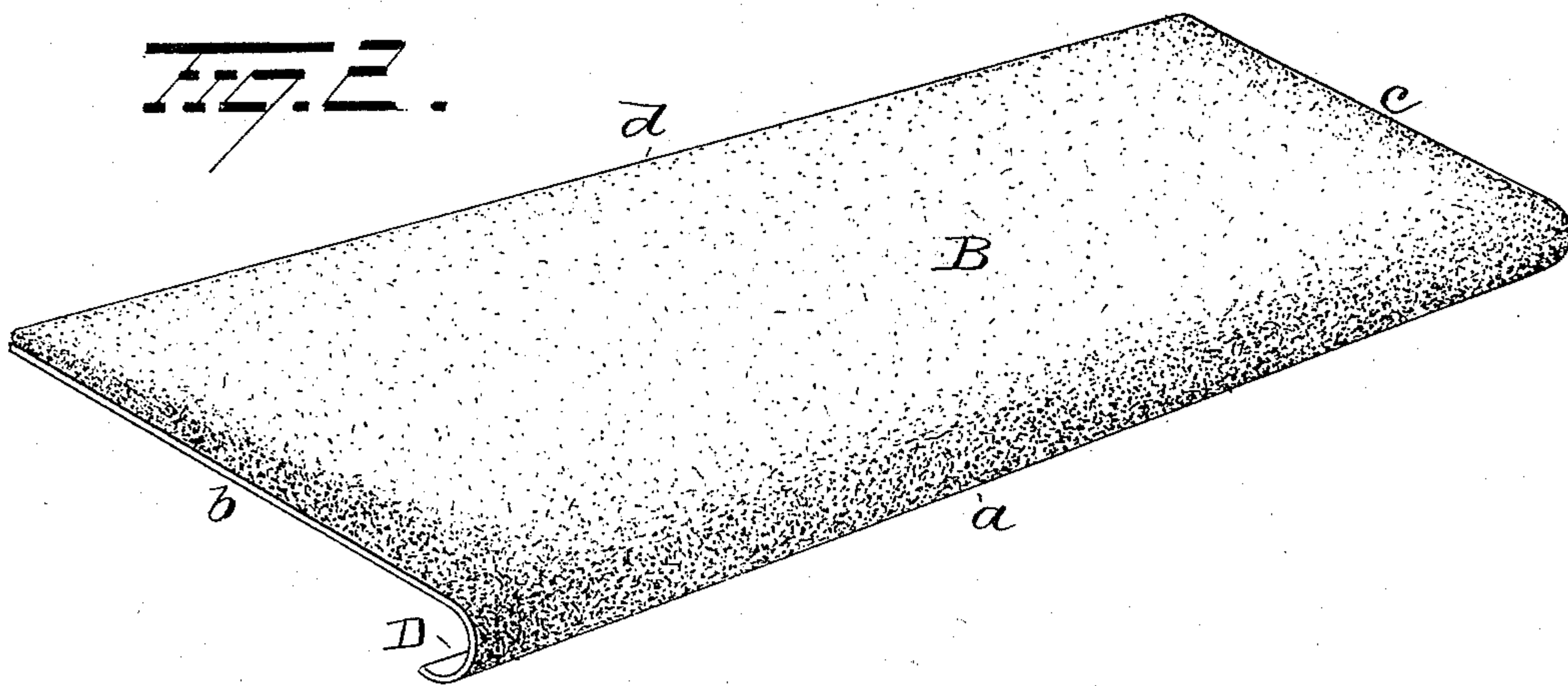


Fig. 2.



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UNITED STATES PATENT OFFICE.

MARTIN H. MARCUS AND WALTER O. COLLINS, OF CHICAGO, ILLINOIS; SAID
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STAIR-PAD.

SPECIFICATION forming part of Letters Patent No. 535,803, dated March 12, 1895.

Application filed December 14, 1894. Serial No. 531,843. (No model.)

To all whom it may concern:

Be it known that we, MARTIN H. MARCUS and WALTER O. COLLINS, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stair-Pads; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to an improvement in stair pads,—the object of the invention being to produce a soft and elastic stair pad having a curved lip or nose, constructed in such manner that no stitching, quilting, tufting or sewing device need be used in its manufacture.

A further object is to so construct a stair pad that it can be easily and quickly made and which shall be cheap to manufacture and combine simplicity, efficiency and durability.

A further object is to so construct the pad that the covering part shall be effectually secured to the base part and in such manner that the securing devices shall be hidden from view and the neat appearance of the pad thus improved.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth and pointed out in the claims.

In the accompanying drawings: Figure 1 is a view of the base and covering parts before the filling is inserted. Fig. 2 is a view of the completed pad. Fig. 3 is a sectional view of the same.

Our improved pad comprises a comparatively stiff base part, A, a flexible covering part B, a soft or elastic carded cotton filling C, and devices for securing the covering part to the base part. The covering part B is preferably made of muslin, which is cut about two and a half inches longer and about three inches wider than the actual dimensions of the completed pad, so as to give ample space for the filling of the pad and of the formation of the curved lip or nose D hereinafter described.

A piece of moderately stiff card or straw board is cut the size it is desired to make the

pad and laid on the piece of muslin. The muslin is then turned or lapped over the edges *a, b, c*, of the board or base. Strips *a', b', c'*, of card board or heavy paper, previously coated with glue, are then placed on the lapped or turned over edges of the muslin so as to secure the same to the edges of the base A. Before this is done, however, the muslin is pulled toward the edge *a* sufficiently to cause a fullness so that the muslin will properly cover the lip D afterward made. The device when thus far completed has the appearance shown in Fig. 1; that is to say, three edges of the covering part are secured to the base part and the edge *d* is loose to permit the insertion of the elastic filling, and to the edge *d* of the muslin, a strip of card board *d'* of a length corresponding to that of the pad, is secured by glue. The covering part B is then reversed or turned inside out and upon the other side of base A from which it is first placed so that it will be disposed over the same side of the base part as that on which the strips are secured. The strips will then be hidden from view. The smearing of glue on the bottom of the base part will therefore be avoided and the pad will be given a neat and marketable appearance. The filling C, made of carded cotton or cotton batting, is then inserted in the device between the covering and base parts and made thickest at and in proximity to the edge *a* where the curved lip or nose is to be formed because that edge, which becomes the front edge of the pad when in use, is subjected to the greatest amount of wear and pressure. In order to cause the elastic filling or batting to retain its proper position when the pad is in use, it will be secured to the base part by coating the latter with a suitable sizing before the filling is inserted. The carded cotton elastic filling having been placed in position, the strip *d'* will be coated with glue and secured to the top face of the base part as shown in Figs. 2 and 3. The edge *a* of the base part will then be moistened and bent over a heated pipe or bar of the desired size and retained there until dry in order to form the nose or lip D, which conforms to and embraces the nosing or front edge of the step. The nose or lip D may be formed at the edge *d* of the pad if desired but we prefer to

make it at the edge *a*. In either case, the cotton filling must be thickest at the side of the pad where the nose is made.

By constructing a stair pad in the manner
5 above described much time and labor are saved in its manufacture as the complete pad can be made by one person, whereas, with pads as heretofore constructed, having sewed ends, quilting and tufting, it was necessary that the
10 pad should go through several hands before its completion.

Our improvements are simple in construction, cheap to manufacture and effectual in the performance of their functions.

15 Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. As an article of manufacture, a stair pad
20 consisting of a base portion, a covering secured at its edges to the edges of the base portion whereby an envelope or closure is formed between the base and covering for a soft filling, the several edges of the covering turned

inward and stuck to the base portion on the upper face of the latter just inside or within 25 the extreme outer edge of the base portion, whereby the line of attachment is inside of the extreme outer edge of the envelope or closure, substantially as set forth.

2. As an article of manufacture, a stair pad 30 comprising a base portion, a covering having its edges turned inward and stuck to the upper face of the base, strips secured over these inwardly turned edges and located entirely inside of the closure formed by the covering 35 whereby they are concealed, and a filling placed in the closure between the covering and base portion, substantially as set forth.

In testimony whereof we have signed this specification in the presence of two subscrib- 40 ing witnesses.

MARTIN H. MARCUS.
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Witnesses:

WM. B. HOSWELL,
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