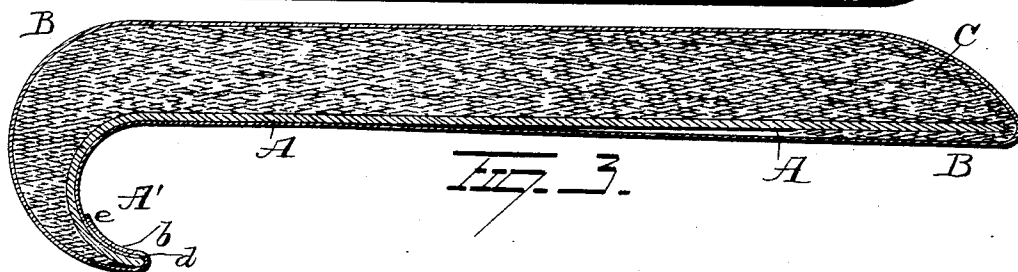
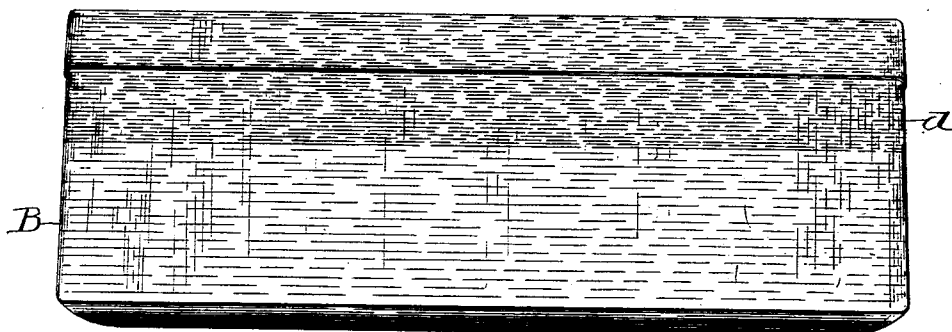
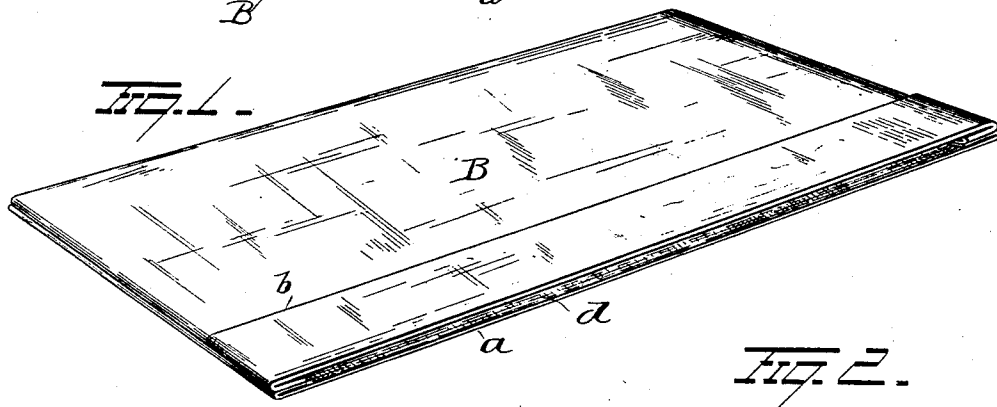
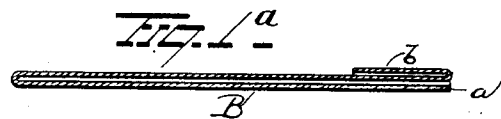


(No Model.)

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

No. 541,244.

Patented June 18, 1895.



Witnesses
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UNITED STATES PATENT OFFICE.

MARTIN H. MARCUS AND WALTER O. COLLINS, OF CHICAGO, ILLINOIS; SAID COLLINS ASSIGNOR TO SAID MARCUS.

STAIR-PAD.

SPECIFICATION forming part of Letters Patent No. 541,244, dated June 18, 1895.

Application filed March 14, 1895. Serial No. 541,674. (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,—one object of the invention being to so construct a stair pad that the finished article will present no rough edges, hem, or exposed seams.

A further object is to construct a stair pad in such manner that the case covering part will serve to effectually retain the filling part in proper shape.

A further object is to so construct a stair pad that the elastic filling, base and nose will be completely inclosed by the covering part.

A further object is to provide means whereby to inclose the base and filling of a pad in a covering part and seal the mouth or opening in the latter through which the base and filling are inserted, without the use of stitching.

A further object is to produce a stair pad which can be cheaply manufactured; which shall be neat in appearance; which will retain its shape and which shall be effectual, in all respects, in the performance of its functions.

A further object is to so construct a covering case part for a stair pad, that it shall constitute an envelope for the reception of the base, filling and nose, into which said base and filling can be readily inserted, and to provide said covering case part with a pocket or flap constructed and adapted to be made to close the mouth of the envelope and have its free edge secured without the use of stitching.

With these objects in view the invention consists in a covering case part for a stair pad, constructed in the form of an envelope having an open mouth and provided with a pocket or flap adapted to close said mouth.

The invention also consists in the combination with a base part having a curved nose at one edge, of an elastic filling disposed on

said base part, and a flexible case covering part inclosing the base part and filling, the mouth of the case covering part being sealed to the under face of the base part at the nose portion of the latter; and the invention further 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 in perspective of the envelope detached. Fig. 1^a is a transverse sectional view of this envelope. Fig. 2 is a bottom perspective showing the pad before the nosing is formed. Fig. 3 is an enlarged transverse sectional view of the completed pad. Fig. 4 is a similar view of a modification.

Our improved stair pad comprises a stiff base part A, at one edge of which a curved nose A' is formed as hereinafter explained. A case covering part B, and an elastic filling C, preferably of carded cotton, or other suitable elastic filling may be employed.

The case covering part B, is preferably made of muslin or cotton fabric and is constructed in the form of an envelope having an open mouth *a* at one of its longitudinal edges. One side of the case covering part is somewhat wider than the other and the flap *b* thus left is turned over and secured at its ends to form a sort of pocket disposed coincident to the mouth of the envelope.

The elastic filling part C is placed on the stiff cardboard base part, and before the filling part is thus placed in position the base part may, if desired, be coated with a sizing, but that is not essential.

We prefer to make one layer of the carded cotton or elastic filling wider than the rest and turn the edge of the wider layer over one edge of the base part and cause it to lie against the under face thereof. If desired the elastic filling may be made to completely cover both faces of the base part.

The stiff base part having the elastic filling thereon is inserted into the case covering part or envelope, through the mouth thereof. The flap *b* will then be turned over the open edge of the pad. The case covering part is then drawn tight over the base and filling, and edge *d* of the mouth and the edge of the flap

5 *b* secured to the base part at *e*, by means of
 suitable sizing or glue. Thus securing the
 covering part to the base part serves, also as
 an effectual means for closing the mouth of
 the former. The curved nose *A'* will then be
 10 formed at the edge of the pad through which
 the base and filling have been inserted, in
 any suitable manner, so as to cause the sealed
 edges *e* of the covering part to be on the
 15 under face of the nose, where they will be
 practically hidden from view. The seams at
 the ends of the covering part are made inside
 the same, so that in the finished pad, no rough
 edges, seams or hems will be exposed to view
 20 and the neat appearance of the pad will be
 thus greatly enhanced.

By constructing and arranging the parts as
 above described, the covering part can be
 made to fit so securely over the stiff base part
 25 and filling that when the mouth of the said
 covering part is closed and sealed by sizing
 as above explained the covering part will
 hold the elastic filling securely in place with-
 out the use of stitching, tufting or quilting,
 30 the covering part bearing tightly against the
 filling where it overlaps the edge of the base.
 Such a result could not be accomplished if
 the mouth of the covering part be closed by
 stitching as allowance would have to be made
 35 for a seam, and when it is necessary to make
 such allowance in cutting the material of
 which the covering part is composed, the
 covering part, in the finished article would
 be slack and the object attained by our im-
 40 provements would be frustrated. To secure
 the covering part to the stiff card board base
 by means of stitching would result disadvantageously;
 first, because the card board would
 become broken at the edges and thus render
 45 the pad practically useless; second, because
 the card board would have to be so light as
 to fail to properly perform the functions
 which are expected of it, and, third, because
 considerable expense would be entailed. The
 mouth of the covering part might be made at
 one end if desired.

Our invention results in the production of

a pad which is not only cheap to manufacture, but which is neat in appearance, not liable to become deranged, durable and effectual in all respects in the performance of its functions. 50

Our improved covering part can be conveniently employed with a stair pad having a stiff nose *A'* and without a stiff base part, as shown in Fig. 4,—the flap *b* and edge of the mouth of the covering part being secured to the under face of the stiff nose, as above described. 55

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is— 60

1. In a stair pad, the combination with a stiff base part and an elastic filling, of a covering part constructed and adapted to receive the base and elastic filling, and a flap secured to the base part and sealing the mouth of the covering part, substantially as set forth. 65

2. In a stair pad, the combination with a stiff base part having a curved nose at one edge, and an elastic filling, of a covering part made in the form of an envelope and inclosing the base and filling, said covering part having a mouth for the insertion of the base and filling and a flap to close said mouth, one edge of said mouth and the flap being glued to the under face of the nose, substantially as set forth. 70

3. In a stair pad, the combination with an elastic filling and a stiff nose, of a covering part inclosing said filling and nose and having a flap, said flap and the edge of the mouth of the covering part being secured to the under face of the stiff nose, substantially as set forth. 75

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

MARTIN H. MARCUS.
WALTER O. COLLINS.

Witnesses:

WM. B. HOSWELL,
C. L. FERNOW.