

(No Model.)

H. W. MATHER.

STAIR PAD.

No. 289,920.

Patented Dec. 11, 1883.

Fig. 1.

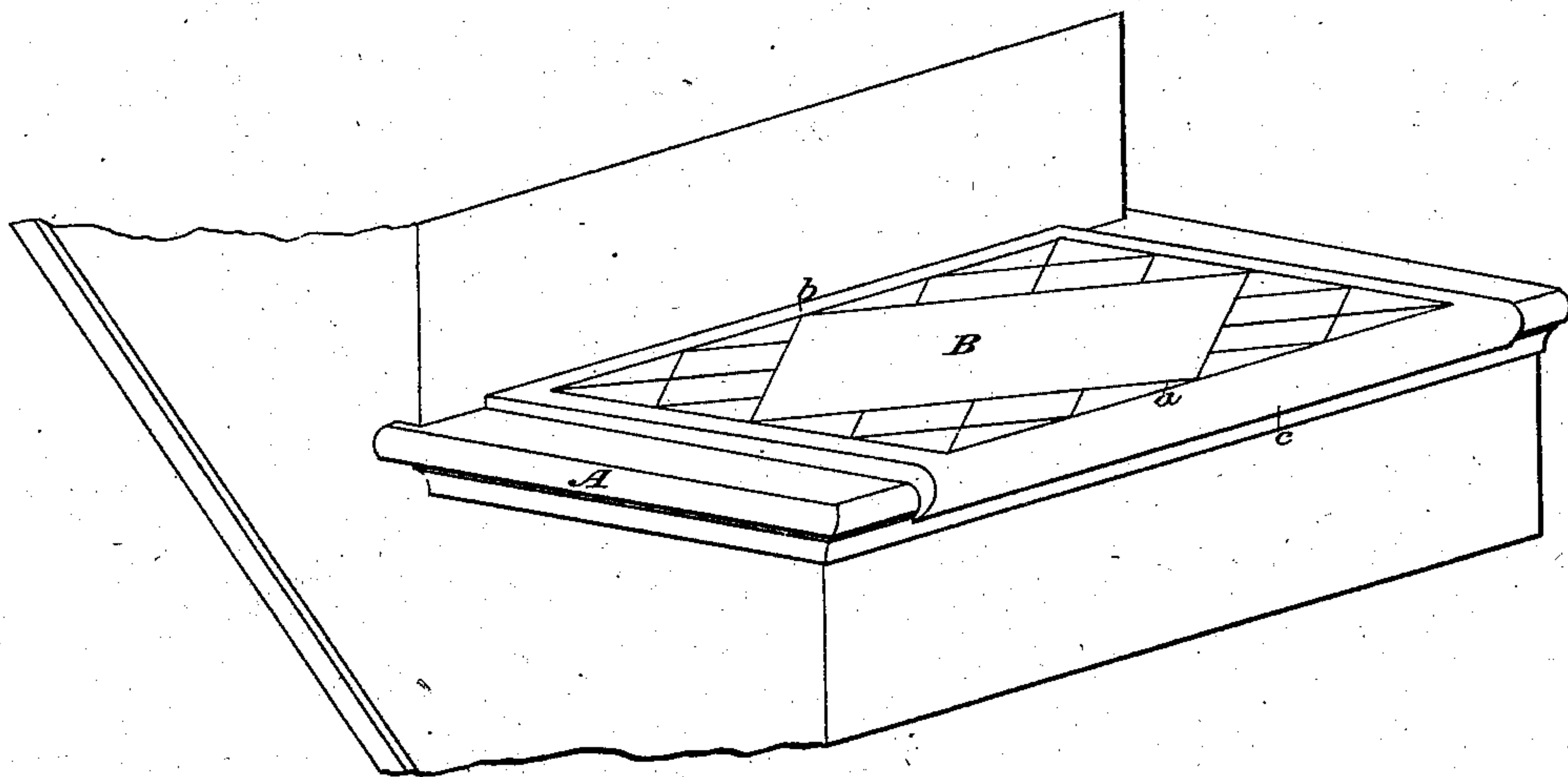


Fig. 2.

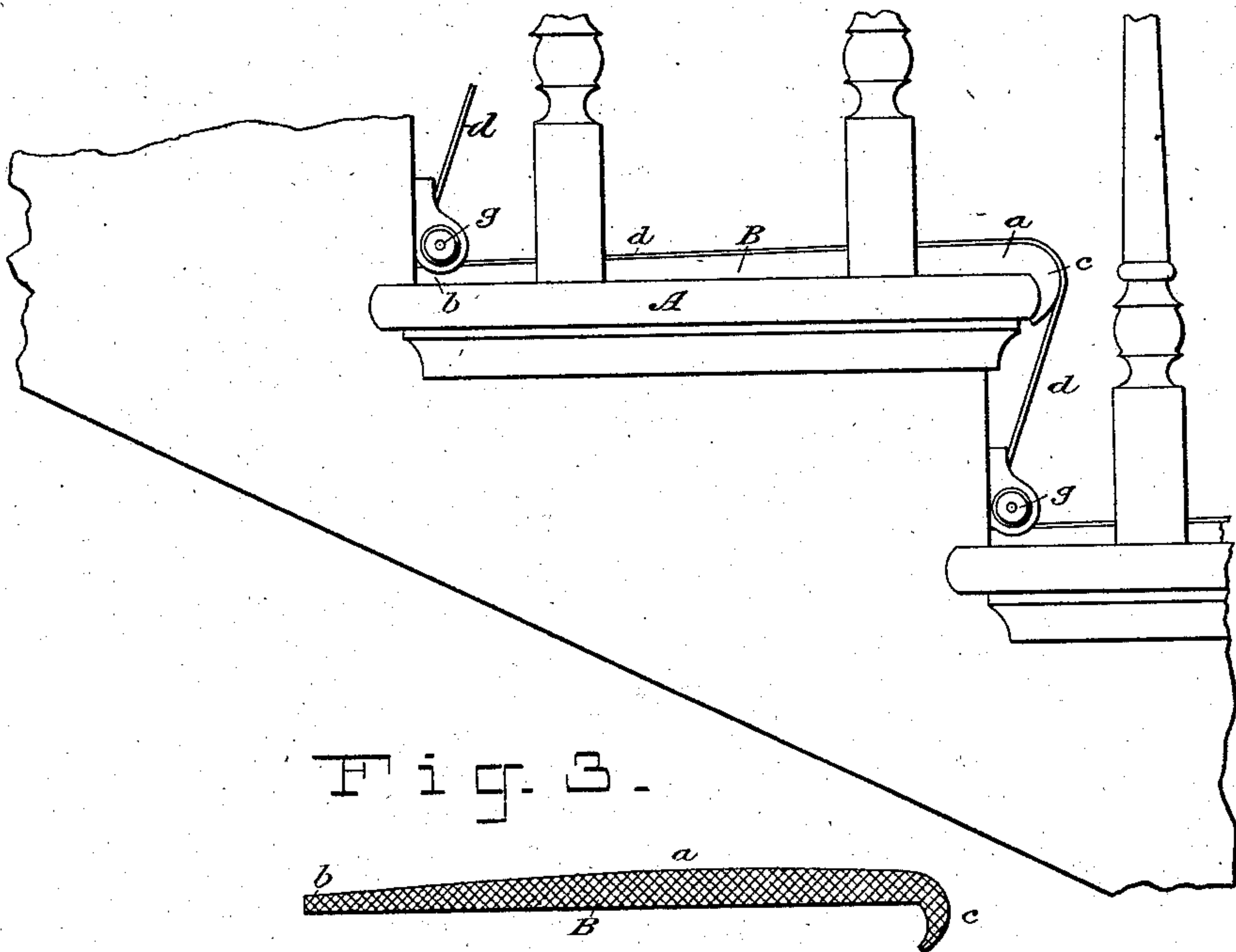
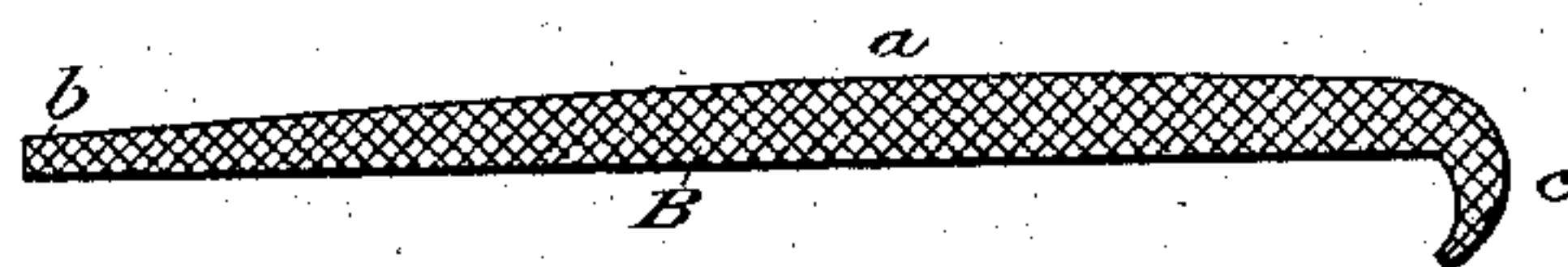


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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STAIR-PAD.

SPECIFICATION forming part of Letters Patent No. 289,920, dated December 11, 1883.

Application filed May 25, 1883. (No model.)

To all whom it may concern.

Be it known that I, HENRY W. MATHER, a citizen of the United States, residing at Bloomingdale, in the county of Passaic and State of New Jersey, have invented certain Improvements in Stair-Pads, of which the following is a specification.

My invention relates to a pad to be placed on the step of a stair, under the stair-carpet. Such pads have been made from the usual material employed as carpet-linings—as, for example, two sheets of paper with a layer of raw cotton between. Such I do not claim.

My pad possesses the following characteristics, namely: It is made of felt—preferably cotton felt—of a soft, moderately-yielding, and elastic character. It is sufficiently stiff and rigid to retain its shape perfectly and to be handled conveniently, and it has formed on its front edge a curved hook-like flange or lip, which takes over the edge of the step, so as to be interposed between the said edge and the carpet.

I usually make the pad thicker at some parts than others; but I do not limit myself to this. It may be of uniform thickness.

In the drawings, which serve to illustrate my invention, Figure 1 is a perspective view, showing the step of a stair with one of my improved pads placed thereon. Fig. 2 is a side elevation of the stair, showing the pad in place and the carpet over the same. Fig. 3 is a cross-section of a modified form of my pad.

A represents the step or tread of a stair, and B my improved pad. This pad comprises a body portion, which is by preference made thickest at its front edge, *a*, and thinnest at its rear edge, *b*, and a hook-like flange or lip, *c*, which takes over the rounded front edge of the step.

The material of the pad is, as before stated, elastic felt, and the curved lip *c* is formed on it in the process of manufacture. The variation in thickness, if any, is also given in the process of manufacture.

The pads are completed, ready for use and sale, as independent articles of manufacture, and will retain the form and character shown until worn out.

The thickening at *a* provides an elastic cushion for the foot, and serves to fully protect the carpet *d*, while the thin rear edge, *b*, avoids a ridge in the carpet near the riser, and permits of the insertion of the pad under the stair-rod *g*. The curved lip *c* is also, by preference, made thin at the edge.

The pad shown in Fig. 3 differs from that shown in the principal figures only in the thicker part *a* being nearer the middle of the pad.

I may make the pads of equal thickness throughout, or may make them convex on top. The under side, where it rests on the step, should be plain or level.

The ornamentation of the upper surface shown in Fig. 1 is not essential. It is simply employed to enhance the appearance of the pad.

As my pad is only intended to be employed with a stair-carpet, it is not necessary to provide any other means for securing it to the step than that afforded by the carpet itself. A single tack driven in near the rear edge might, however, be employed. This attachment would prove a convenience in laying the carpet.

Having thus described my invention, I claim—

1. As an improved article of manufacture, a felt stair-pad made sufficiently rigid or stiff to retain its form, as shown, and having a lip, *c*, formed on its front edge, to take over the edge of the step, substantially as set forth.

2. As an improved article of manufacture, the stiff felt stair-pad B, made thickest at its front edge and thinnest at its rear edge, and provided with the lip *c*, formed to take over the edge of the step, substantially as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

HENRY W. MATHER.

Witnesses:

HENRY CONNETT,
ARTHUR C. FRASER.