

No. 707,608.

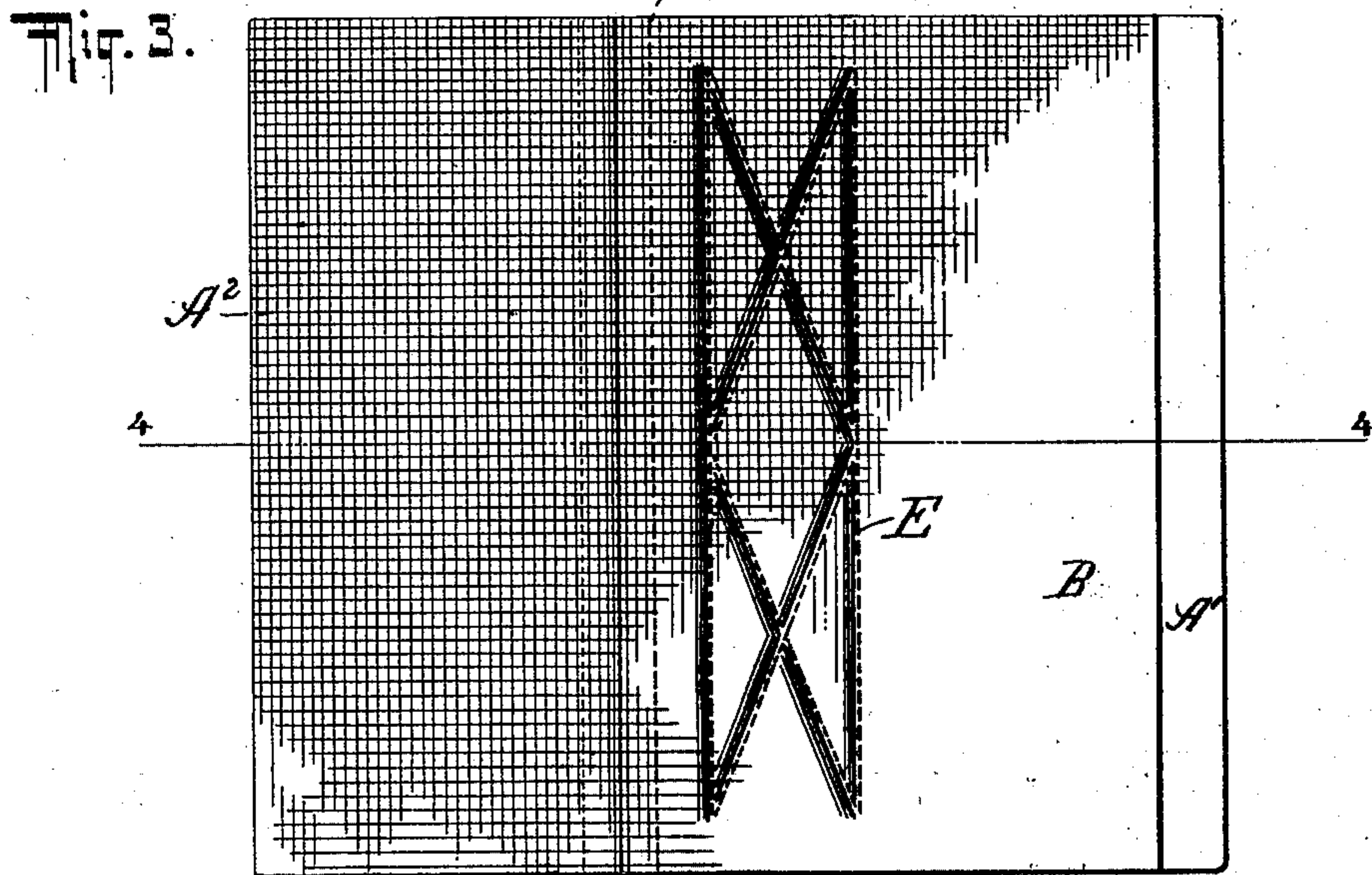
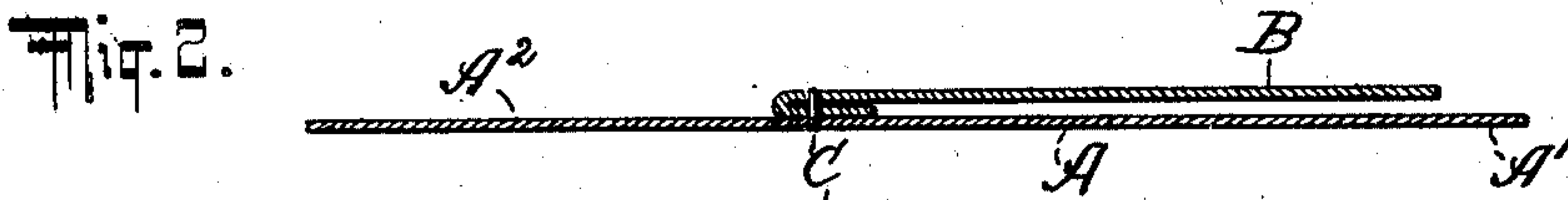
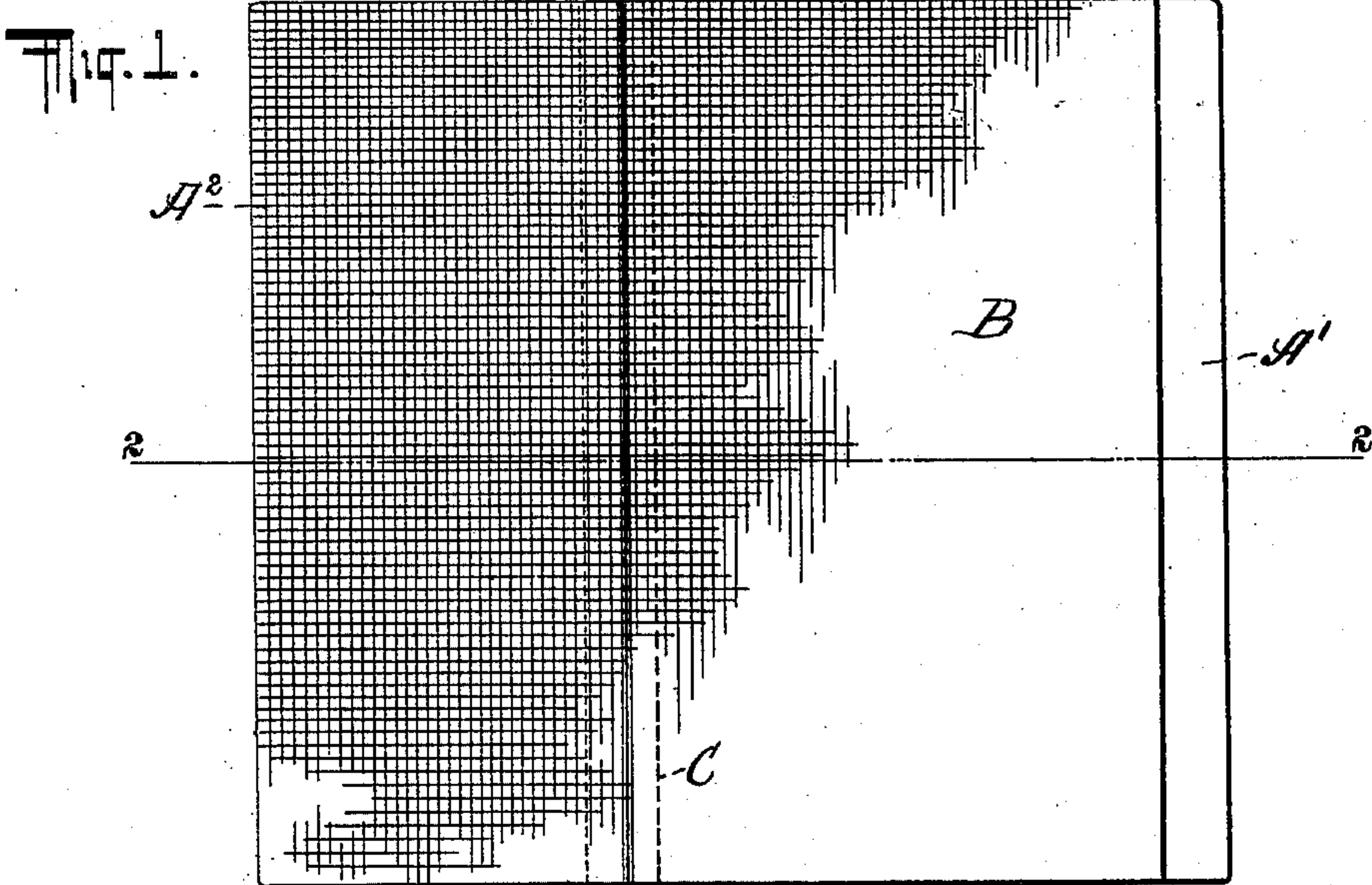
Patented Aug. 26, 1902.

M. H. MARCUS.  
STAIR PAD.

(Application filed Dec. 13, 1901.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES:

*Gulka and Dietrich.*

*John Lotka*

Fig. 4.

INVENTOR

*Martin H. Marcus*

BY *Briesen Knautz*

ATTORNEYS

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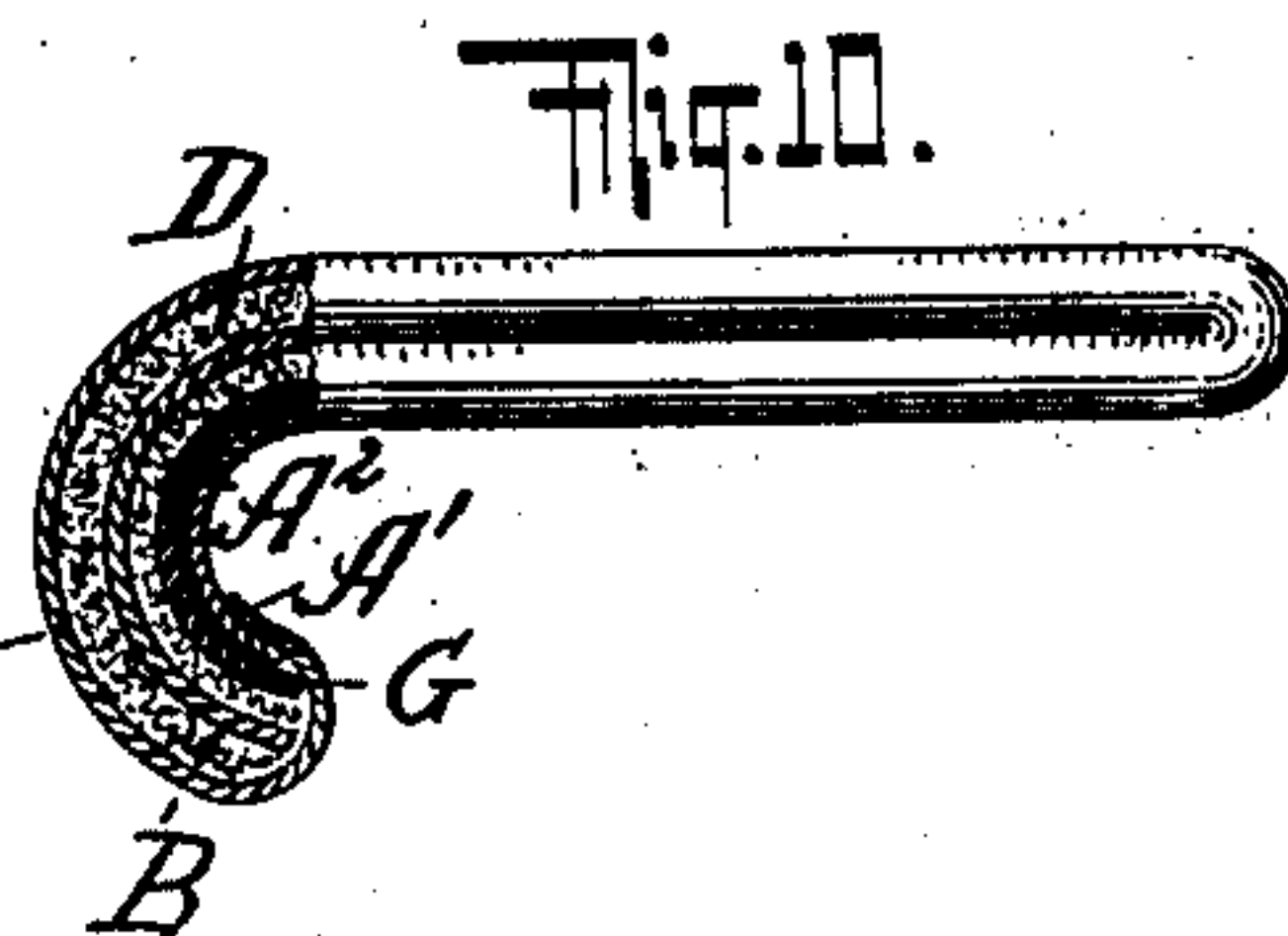
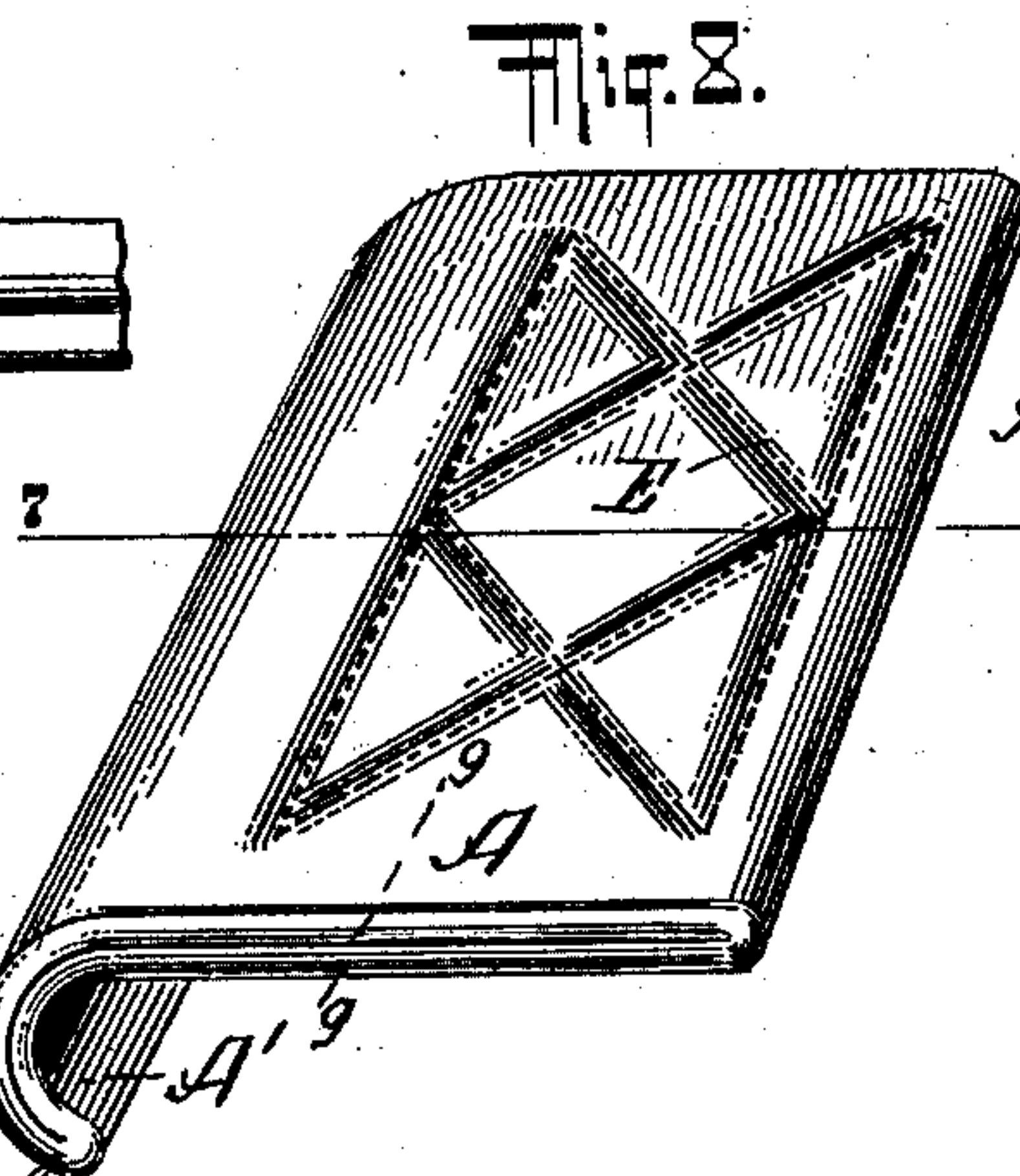
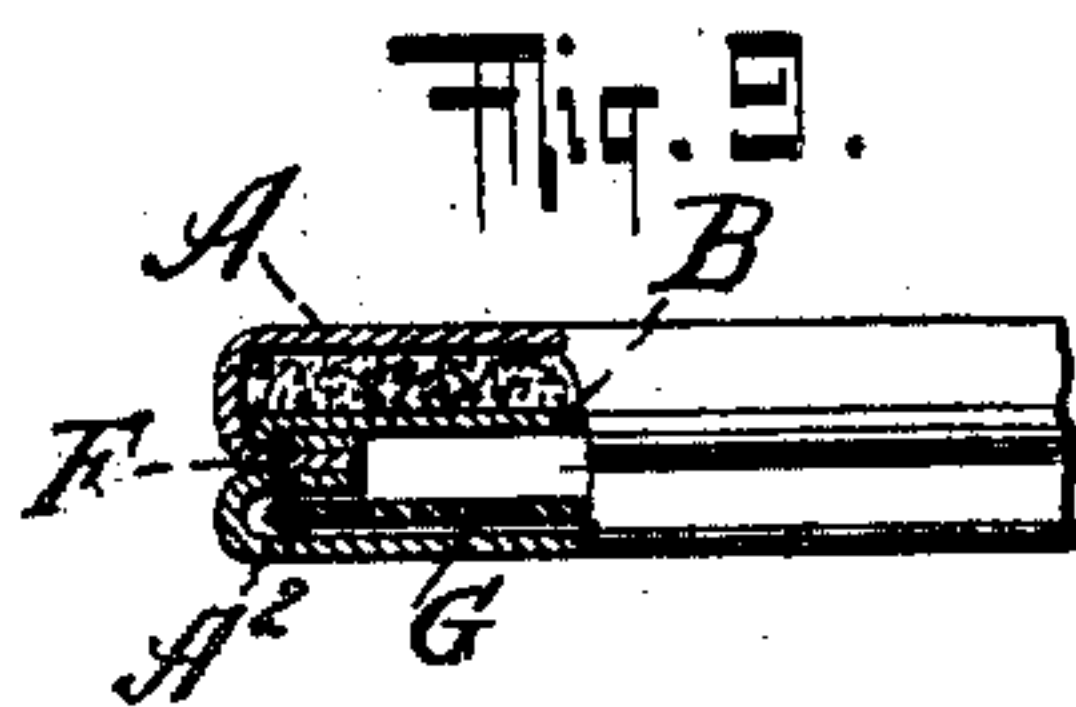
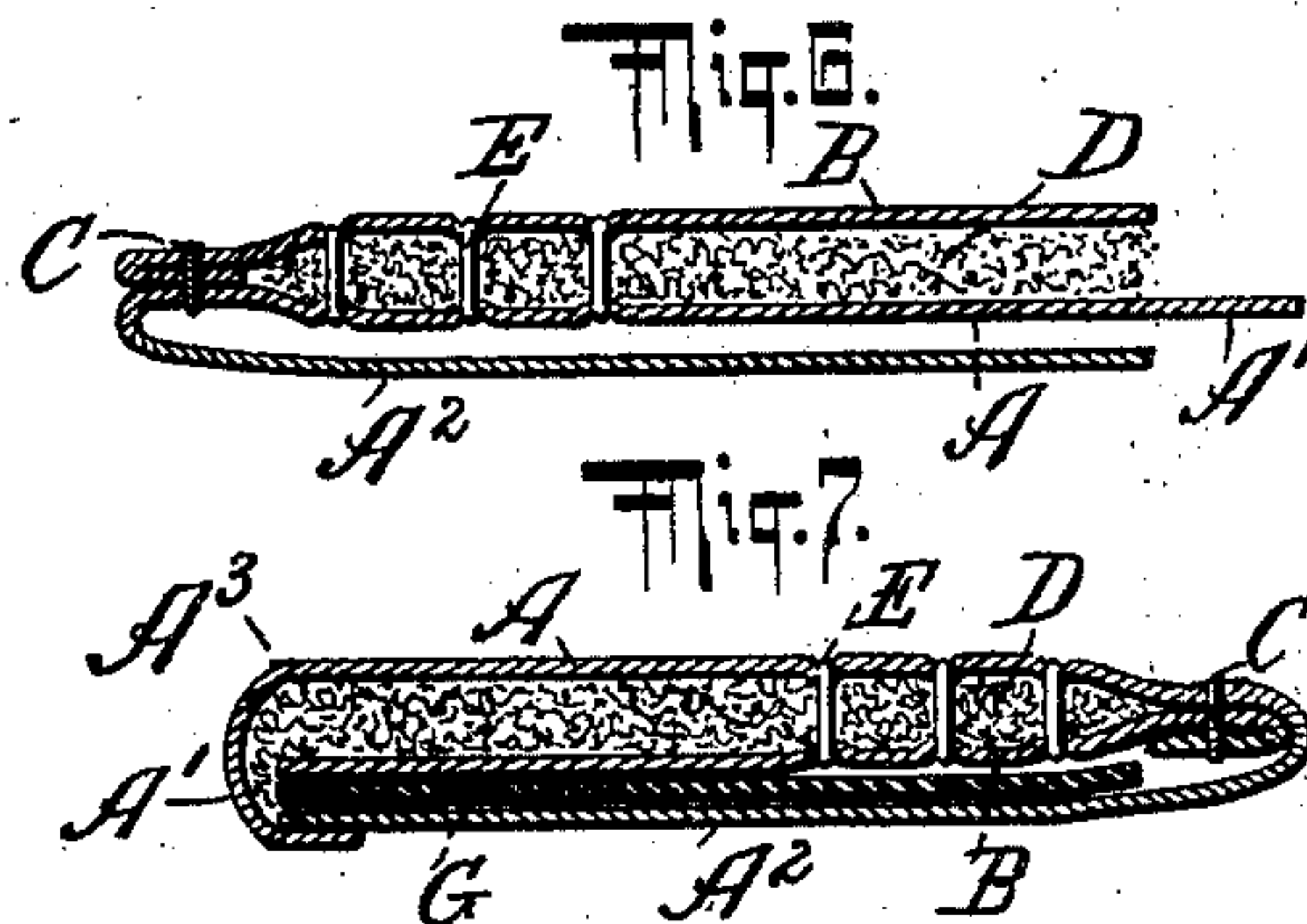
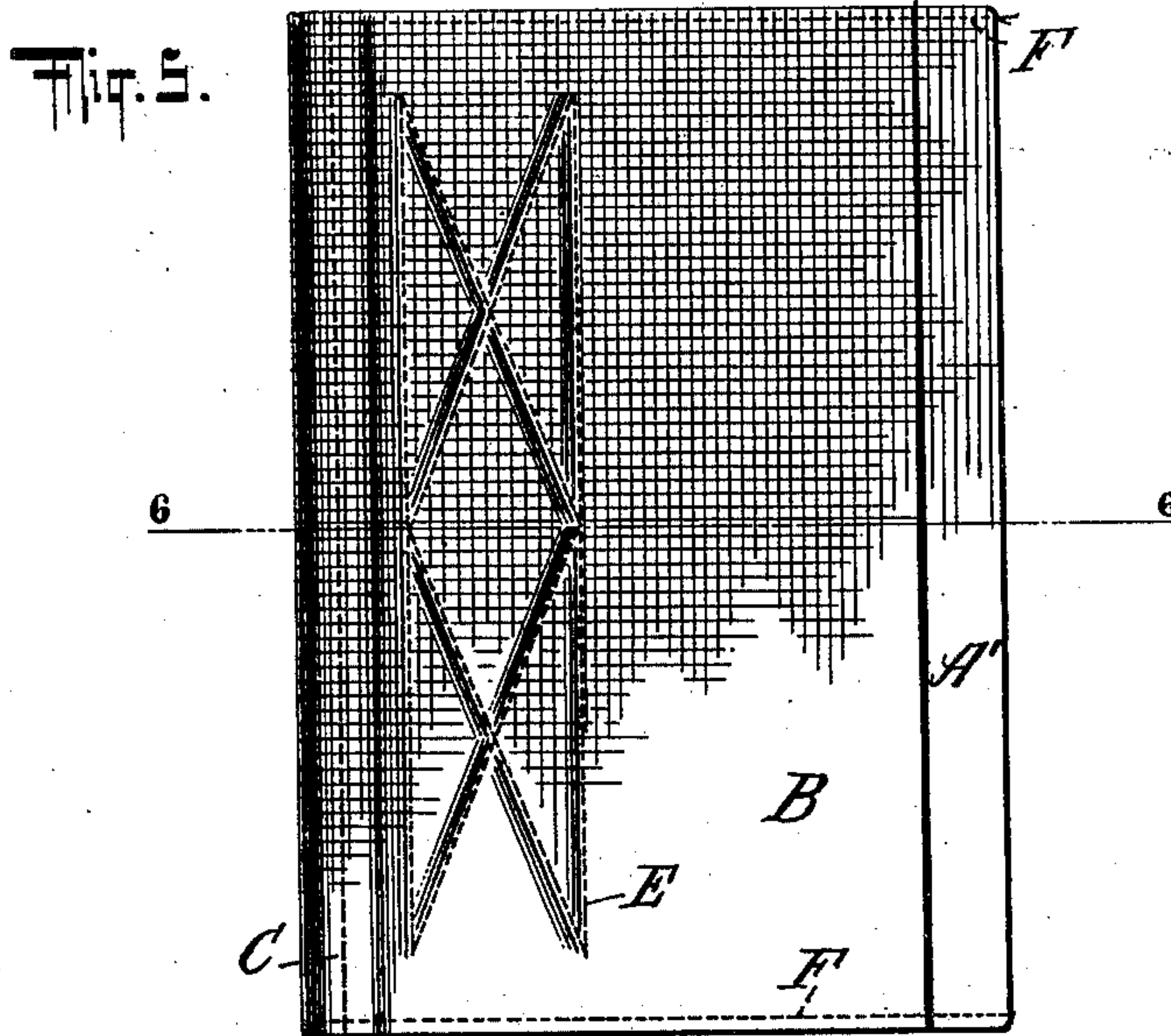
M. H. MARCUS.

STAIR PAD.

(Application filed Dec. 18, 1901.)

(No Model.)

2 Sheets—Sheet 2.



WITNESSES:

*Gustave Dietrich*

*John Lotka*

INVENTOR

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# UNITED STATES PATENT OFFICE.

MARTIN H. MARCUS, OF NEW YORK, N. Y.

## STAIR-PAD.

SPECIFICATION forming part of Letters Patent No. 707,608, dated August 26, 1902.

Application filed December 13, 1901. Serial No. 85,750. (No model.)

*To all whom it may concern:*

Be it known that I, MARTIN H. MARCUS, a citizen of the United States, residing at New York city, borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Stair-Pads, of which the following is a specification.

My invention relates to stair-pads, and has for its object to provide a novel pad comprising a quilted cushion in which the stitching or quilting extends entirely through the filling and an underlying stiffener having one of its ends bent to form a nosing for the pad.

Another object of my invention is to produce a pad with a stiff base having a curved nosing, the pad being quilted in fancy design entirely through the stuffing or filling, so that the latter cannot be displaced. My aim is to construct the pad in so thorough a manner that it is an utter impossibility for the filling, which is secured to the stiff base with curved nosing, to be displaced to even the slightest degree.

A further object is to so construct the pad that it may be readily ornamented without increase of cost by the same process which is used in making the filling secure.

Further, it is my object to provide a pad which will be superior to all others now used in the matter of strength, durableness, neatness of appearance, and readiness of application.

To this end I construct the pad with a quilted cushion and an underlying base or stiffener which is curved toward the end to form a nosing for the pad, the quilting being extended through the filling of the cushion, so that said filling is held against displacement.

In the preferred form of my invention I employ three layers of cloth or other material, and by this specific construction I secure the advantage of concealing the raw edges of the said layers, and I obtain a pad which is always soft and uniform because the filling cannot move.

These and other advantages of my invention will be fully brought out in the detailed description following hereinafter, and the construction to which such advantages are due will be pointed out in the appended claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 shows a plan view of the fabric as it is used in the initial step of making one of my improved stair-pads. Fig. 2 is a cross-section thereof on line 2 2 of Fig. 1. Figs. 3 and 4 are respectively a plan and a cross-section on line 4 4 of Fig. 3 of the pad in the second stage of manufacture. Fig. 5 is a plan showing a further stage. Fig. 6 is a cross-section on line 6 6 of Fig. 5. Fig. 7 is a cross-section showing a further step of manufacture. Fig. 8 is a perspective view of the completed stair-pad. Fig. 9 is a partial cross-section thereof on line 9 9 of Fig. 8, and Fig. 10 is a side view of another form of my invention with parts in section.

In carrying out my invention, as shown in Figs. 1 to 9, I first make use of two pieces of material, such as cheese-cloth, one of the pieces being about double the width of the other. The piece of double width is folded at about its center, but so as to leave a projecting flap A' on one layer A, the other layer A<sup>2</sup> being shorter. These separate piece B, which is of substantially the same width as the layer A<sup>2</sup>, is stitched to the piece A A<sup>2</sup> where the two layers thereof are connected, as indicated at C. The projecting flap A' is separated from the body of the layer A by a fold A<sup>3</sup>, and I produce this fold by running the goods through a special machine, which forms no part of my present invention. I place these layers, as shown in Figs. 1 and 2, so that the separate piece B will be on one side on top of the layer A, while the shorter layer A<sup>2</sup> will be on the other side. I then insert a suitable filling or stuffing, such as cotton-batting D, (preferably a carded cotton sheet,) between the layers A B and quilt adjacent to the seam C, as indicated at E, and thus a portion of the batting is firmly connected with the two layers A and B and the remainder of the batting is held, owing to the fact that the cotton is used in sheets. I then fold the layer A<sup>2</sup> under the layer A, as shown in Figs. 5 and 6, and sew the three layers together along the sides, as indicated at F in Fig. 5. This leaves the pocket containing the batting D open at one end. Then the pad is turned inside out, as illustrated by Fig. 7, so that the seams C



and F and the edges of the cheese-cloth will be upon the inside and will not be exposed. A pocket is formed by the seams C and F between the layers A<sup>2</sup> and B, and into this 5 pocket I then introduce a stiffener G, consisting of a piece of cardboard or other suitable material. This stiffener should be of substantially the same width as the pocket into which it fits. Then I draw the flap A' over 10 the free edge of the layer A, as shown in Fig. 7, thus closing both pockets, and I secure this flap in position by means of size. The application of size also softens the pasteboard or other stiffener G, enabling it to be curved so 15 as to produce the nose H. (Shown in Fig. 8.) After drying the stair-pad will be sufficiently stiff and rigid to preserve its shape. In applying my improved said stair-pad it is sufficient to put the same upon the steps, sliding 20 the pad rearward until the nose H abuts against the stairs, and the pad may then be secured by means of tacks at its rear portion. The appearance of my improved stair-pad is exceedingly neat, inasmuch as all seams are 25 concealed, and its durability is very great, owing to the quilted portion E and to the interior arrangement of the seams and edges. Instead of filling only one of the pockets formed by the three layers with cotton-batting I may also put some batting into the 30 pocket which contains the stiffener G. Thus in Fig. 10 D indicates the filling referred to in connection with Figs. 1 to 9, while D' is an additional filling located between the stiffener G and the layer B. In this case I may 35 put a comparatively smaller amount of high-grade filling into the upper pocket, while the filling in the stiffener-pocket may be of an inferior grade, since if after considerable wear 40 the upper layer A should tear only the high-grade filling will be exposed.

While I have described the covering or textile sheet fabric of my stair-pad as consisting of two pieces and while this probably 45 is the best manner of carrying out my invention, I desire it to be understood that the construction may be varied without departing from the nature of my invention as defined in the claims. Thus the three layers of cheese-cloth or other sheet fabric may all form part 50 of the same piece. Also instead of sewing along the sides, as at F, so as to leave the batting or pad pocket open at the end I may sew along the end and one of the sides, leaving the pocket open at the other side. The 55 advantage of using three layers is that the raw edges adjacent to the seams can be concealed by turning the pad inside out, as described with reference to Fig. 7. Moreover, 60 inasmuch as the layer B is entirely within the pad when the latter is finished and is therefore not exposed to view, I can use comparatively cheap material for this layer B, and thus effect a saving in the cost of the material. 65

While I have described and shown a pad primarily for use as a stair-pad, it will be un-

derstood that certain features of my invention are applicable to pads or cushions for other purposes. 70

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A stair-pad comprising two connected layers of cloth or other flexible sheet material forming a pocket, stuffing within said 75 pocket, quilting which extends through the stuffing and said two layers, and a stiffener arranged exteriorly of said pocket and covering the quilting on the outer face of one of said layers. 80

2. A stair-pad comprising three layers of cloth or other flexible sheet material connected at one end and located in superposed, substantially parallel planes, and forming two 85 separate pockets between them, stuffing in one of said pockets, quilting which extends only through said stuffing and through the two layers which inclose it between them, but not through the other pocket, and a stiffener located in said other pocket so as to cover 90 the quilting on the middle layer.

3. A stair-pad comprising three superposed layers of cloth or other flexible sheet material connected at one end and forming two separate pockets, stuffing in one of said pockets, 95 a stiffener in the other pocket, additional stuffing between the stiffener and the central layer, and quilting which extends through the stuffing in the first-named pocket and terminates at the central layer so as to be covered 100 by the stuffing in the pocket which contains the stiffener.

4. A pad comprising two connected pieces of cloth or other flexible sheet fabric one of which is about twice as wide as the other, the 105 wide piece being doubled to form two layers, one of which has a projecting flap, stuffing between the narrow piece and the flap layer of the wide piece, and a stiffener between the narrow piece and the other layer of the wide 110 piece, the flap of the wide piece extending over the end of the stiffener and over the free ends of the two flexible pieces.

5. A pad comprising three layers of cloth or other flexible sheet material, one of said 115 layers having a projecting flap at its free edge, stuffing between the upper and middle layers, and a stiffener between the lower and middle layers, the said flap being bent around and over the end of the stiffener and the adjacent 120 portions of the other layers.

6. A pad comprising three layers of cloth or other flexible sheet material, one of said 125 layers having a projecting flap at its free edge, quilted stuffing between the upper and middle layers, and a stiffener located between the lower and middle layers, and bent at one end to form a nose for the pad, the said flap being bent around and under the nose of the pad.

7. A pad comprising three layers of flexible sheet material connected to form two pockets 130 and having their raw edges at the seams located within the pad so that they will not be exposed to view, quilted stuffing in one



of said pockets and a stiffener in the other pocket.

5 8. A pad comprising three layers of flexible sheet material stitched together along their sides and having their raw edges arranged interiorly of the pad, said three layers forming two pockets, stuffing located in one

of said pockets and a stiffener located in the other pocket and bent at one of its ends to form a nosing for the pad.

MARTIN H. MARCUS.

Witnesses:

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OTTO V. SCHRENK.