

G. H. BLISS.

PROTECTORS FOR MATS, CARPETS, &c.

No. 178,900.

Patented June 20, 1876.

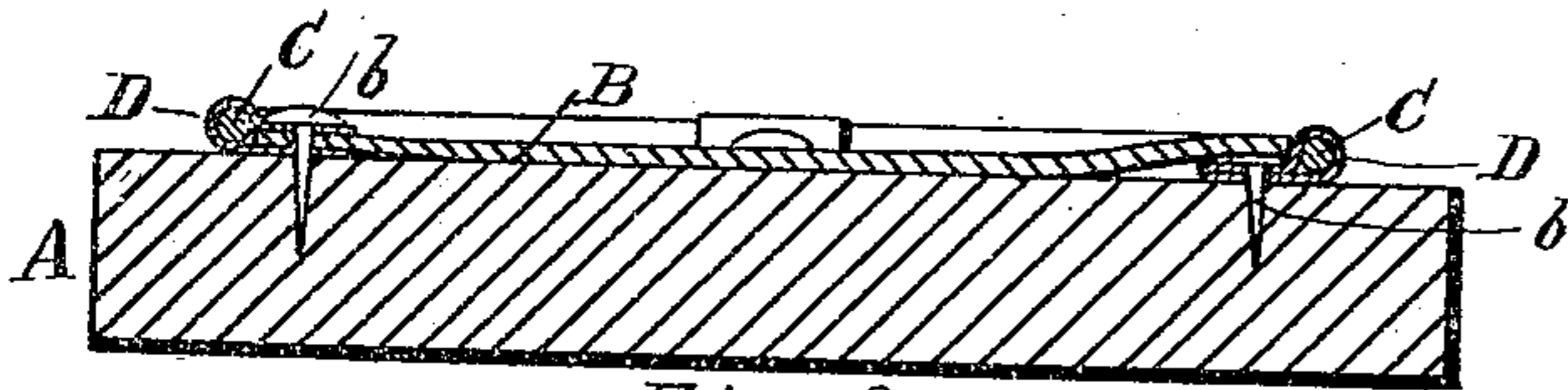


Fig. 2.

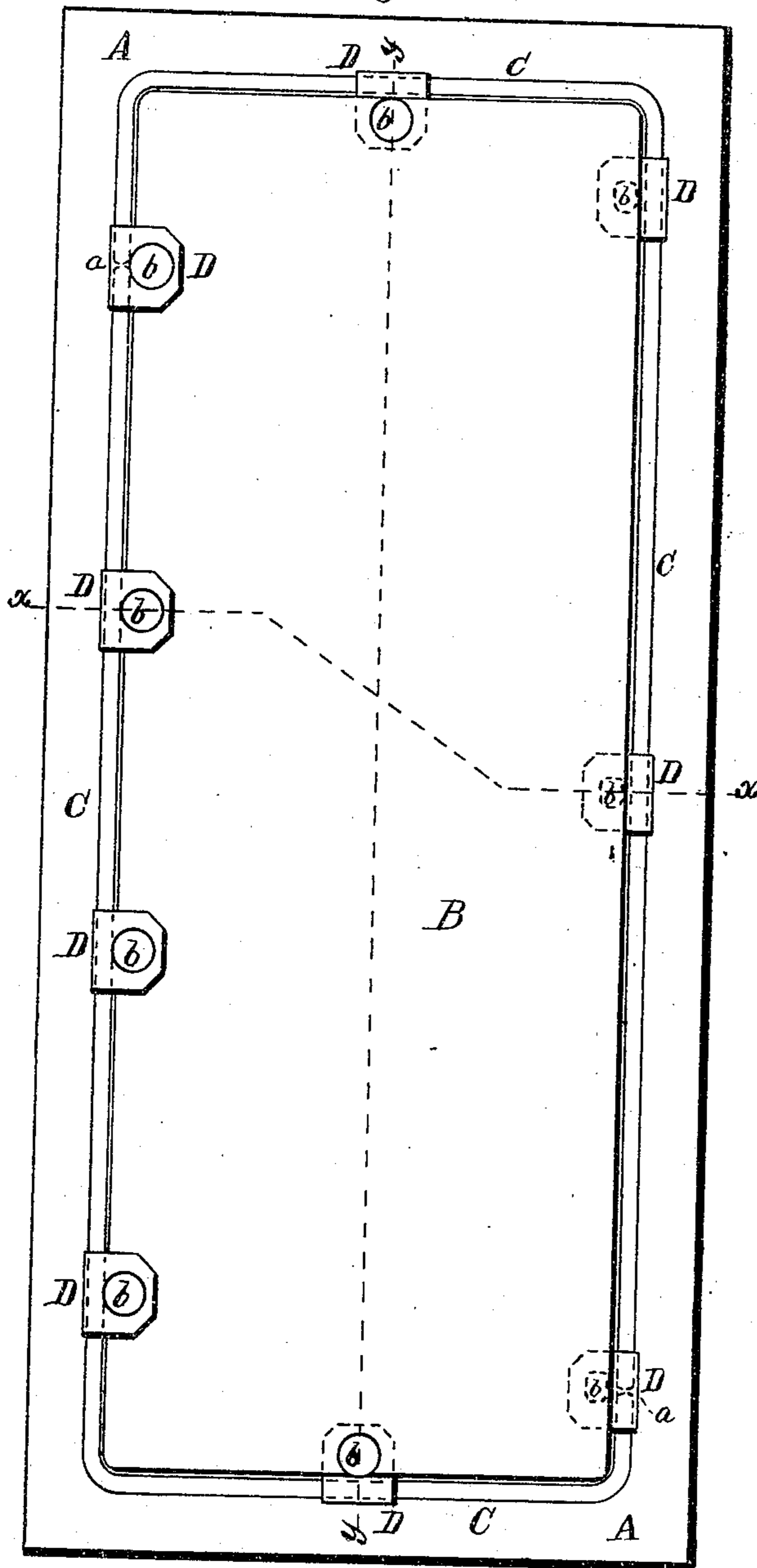


Fig. 1.

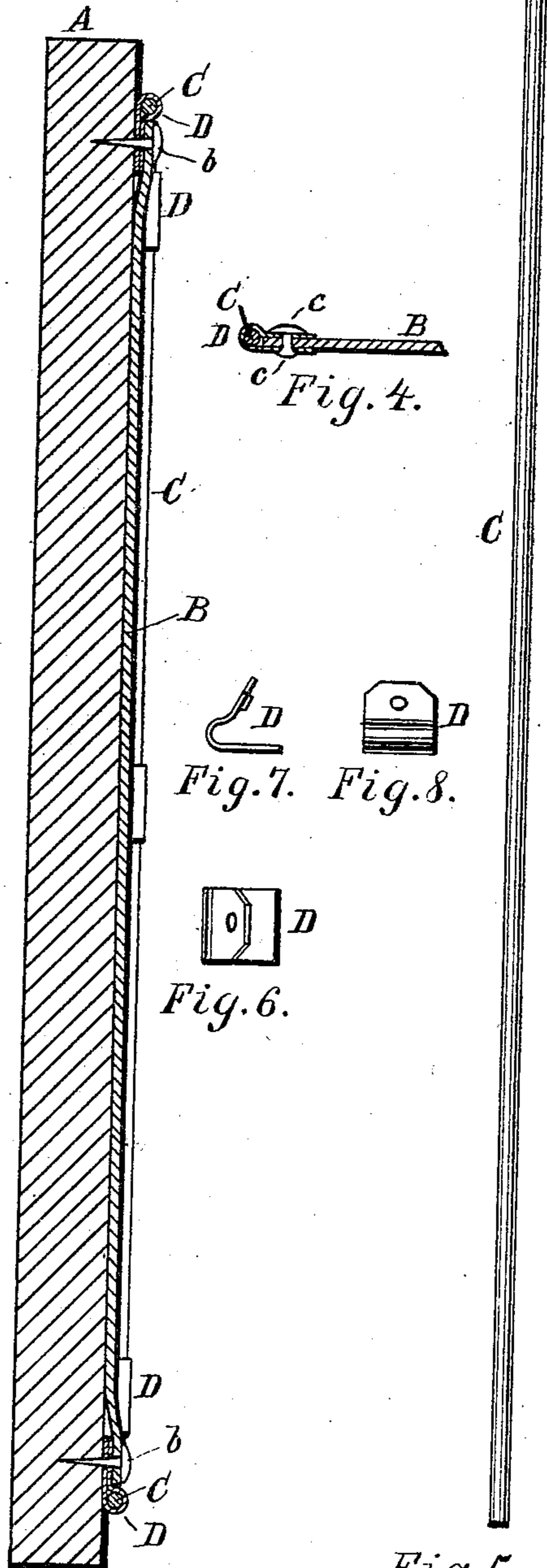


Fig. 3.

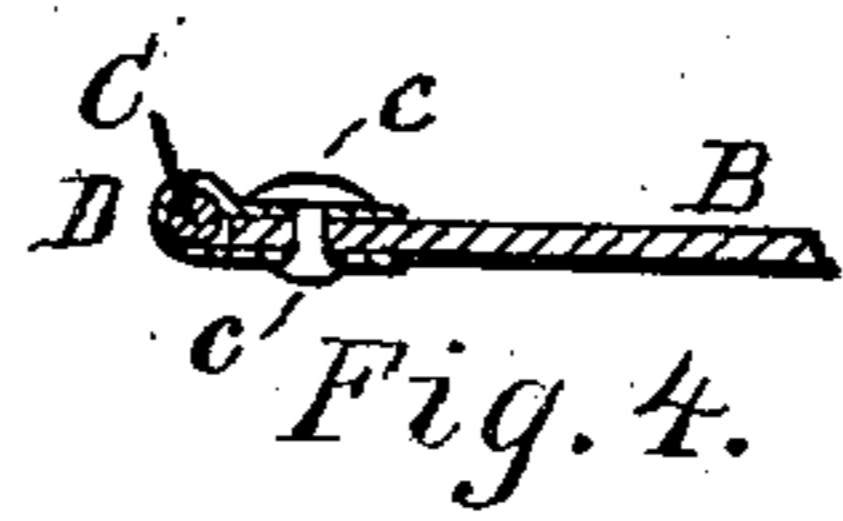


Fig. 4.

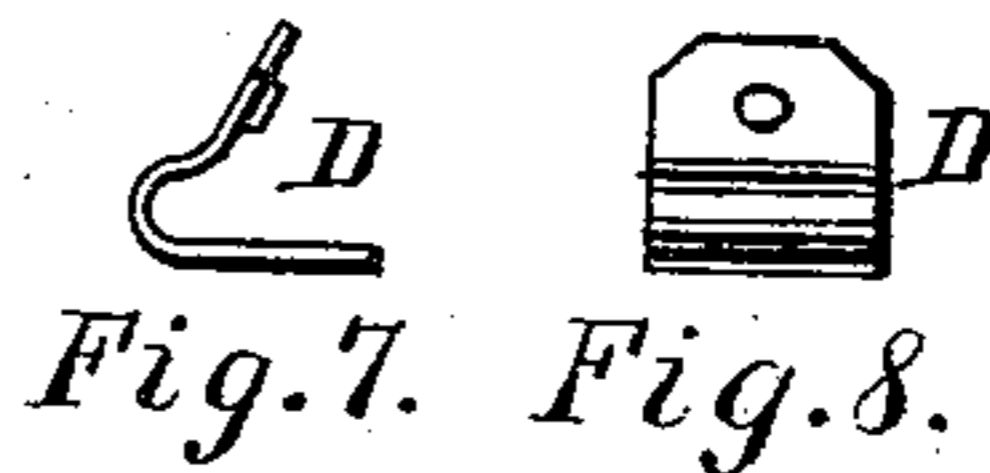


Fig. 7. Fig. 8.

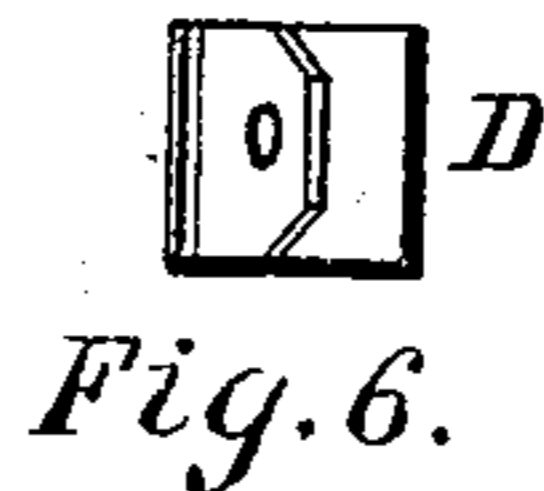


Fig. 6.

Fig. 5.

Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE H. BLISS, OF WEST STOCKBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN PROTECTORS FOR MATS, CARPETS, &c.

Specification forming part of Letters Patent No. 178,900, dated June 20, 1876; application filed September 25, 1875.

To all whom it may concern:

Be it known that I, GEORGE H. BLISS, of West Stockbridge, in the county of Berkshire and State of Massachusetts, have invented a new and useful Binding or Protector for the Edges of Oil-Cloth and other Mats, of which the following, taken in connection with the accompanying drawings, is a specification:

My invention relates to a device for protecting the edges of mats to be placed under stoves and in other places, whether said mats are made of oil-cloth or other material; and it consists, first, in the use of a wire protector for the edge of such mats, said wire being bent around the edge of the mat, just outside thereof, and secured thereto by straps of tin or other thin sheet metal wrapped around the wire, with their two ends placed both beneath, both above, or upon either side of the mat or carpet, and riveted thereto, or the whole secured together and to the floor by means of nails or other suitable fastenings driven through said straps and the mat or carpet into the floor.

My invention further consists in the use of wire as a protector for the edges of mats or carpets, when said wire is placed just outside of the edge of said mats or carpets, and held in place by straps of thin sheet metal wrapped around it, whether said straps and the mat or carpet are all secured together by rivets, without being secured to the floor, or the straps and wire are secured to the mat or carpet and the floor by nails or other suitable fastenings.

Figure 1 of the drawings represents a piece of oil-cloth or other carpet provided with my improved protector. Fig. 2 is a section on line *x x*. Fig. 3 is a section on line *y y*, and Fig. 4 a section showing the protector riveted to the carpet. Fig. 5 represents a piece of the wire; and Figs. 6, 7, and 8 are, respectively, a plan, side elevation, and end elevation of the fastening-straps in the form in which they are furnished to the consumer.

In the drawings, A represents a section of a floor of a room; B, a mat or small carpet of oil-cloth or other material. C is the wire protector, bent around the carpet, just outside of its edge, said wire being in two pieces

butted together within the fastening-straps D, as shown in dotted lines at *a a*.

The straps D are manufactured and supplied to the trade in the form shown in Figs. 6, 7, and 8, and the wire is cut into lengths of eighteen inches, and put up in boxes containing twelve pieces, or six yards, together with a sufficient number of the straps to properly secure that amount of wire to the carpet or to the floor.

The protector may be applied in several different ways, according to the taste of the user.

Upon the left-hand edge of Figs. 1 and 2 the straps D are represented as bent around the wire, with one end beneath the carpet and the other end above the same, with the nail *b* driven through the two ends of the strap and the carpet into the floor.

Upon the right-hand side of Figs. 1 and 2 the straps are shown as bent around the wire, with both ends secured to the floor by the nail *b*, with the carpet resting upon the ends of the straps, without being secured thereto or to the floor.

At the top and bottom of Fig. 1, and in Fig. 3, the straps are shown as bent around the wire, with both ends beneath the carpet, and the whole secured together and to the floor by the nails *b* passing through the whole.

In Fig. 4 my protector is shown secured to the edge of the carpet by the straps bent around the wire, with their two ends embracing the edge of the carpet and secured thereto by rivets *c c*.

The advantages of the use of my protector are, it prevents the edge of the mat or carpet from curling up, effectually protects it from injurious wear, and, by causing it to lie close to the floor or under carpet, prevents dirt from getting beneath it in sweeping.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. As a means of protecting the edges of a movable mat or carpet, the wire rod C, in combination with the narrow sheet-metal straps D, wrapped around said wire and secured to the edge of the mat or carpet by rivets *c*, which pass through both ends of the

strap and the mat or carpet, substantially as described.

2. As a means of protecting the edges of a mat or carpet and securing the same to the floor, the wire rod C, in combination with the thin sheet-metal straps D, wrapped around said rod, and secured to the edge of the mat or carpet and to the floor by means of nails or screws *b*, which pass through both ends of

the straps and the mat or carpet, and enter the floor, substantially as shown and described.

Executed at West Stockbridge, Massachusetts, this 20th. day of September, 1875.

GEORGE H. BLISS.

Witnesses:

EDWD. L. BAKER,
GEO. W. KNIFFIN.