

M. ELBERT.

CUSHIONS FOR UPHOLSTERY OF FURNITURE.

No. 178,613.

Patented June 13, 1876.

Fig. 1.

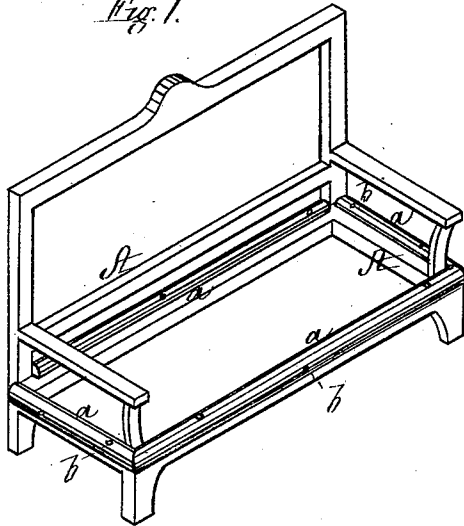


Fig. 2.

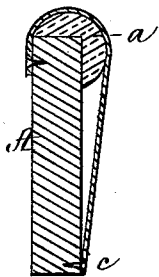


Fig. 3.

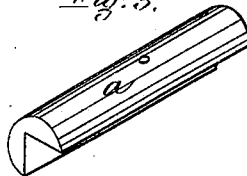
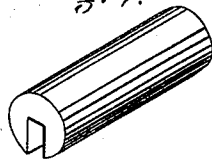


Fig. 4.



Witnesses,
H. J. Cambridge
J. C. Cambridge

Inventor,
Martin Elbert,
Per Teschemacher & Stearns,
Attorneys.

UNITED STATES PATENT OFFICE.

MARTIN ELBERT, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CUSHIONS FOR UPHOLSTERY OF FURNITURE.

Specification forming part of Letters Patent No. 178,613, dated June 13, 1876; application filed April 24, 1876.

To all whom it may concern:

Be it known that I, MARTIN ELBERT, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Elastic Cushions for the Edges of the Frames of Upholstered Furniture, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a sofa-frame, showing the application of my invention thereto. Fig. 2 is a transverse section. Fig. 3 is a perspective view of my improved elastic edge detached. Fig. 4 is a perspective view representing another form of the same.

The ordinary method of forming the edges of upholstered furniture is to make a filling of hair, tow, or other fibrous substance in the shape of a roll, the burlap or material forming the covering of which being then stitched through and through under it, and in close proximity therewith.

This construction is objectionable, for the following reasons: The operation of stitching under the roll was difficult, and consequently consumed considerable time, beside which the roll, so formed, was not as straight and smooth as desired, did not retain the position given it, and the covering soon became worn out; furthermore, the burlap or other material forming the foundation for the covering was oftentimes torn, or the stitches at the inner edge of the roll broken, by the great strain brought thereon in drawing it tight; and, lastly, the rolls so formed were easily accessible to moths.

My invention has for its purpose to avoid the above-mentioned difficulties; and consists in a molding or strip of rubber or other elastic material applied to the edge of the back, seat, or other portion of the article to be upholstered, by which means the stitching is entirely dispensed with, a few tacks or nails only being required for securing the strip or roll to the frame, a smooth straight line being insured, and permanently retained at the edge, which is not injured by use as rapidly as heretofore, while an effectual barrier is interposed against the entrance of moths, the elasticity of the rubber also enabling it to be readily bent to conform to any angle or curvature in the shape of the frame.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents the frame of a sofa, provided at its front, side, and back edges with a strip of rubber molding, *a*, of the form seen, Fig. 3, being curved or rounded on its outer surface, and having a square shoulder on its under side in order to fit snugly upon the top of the edge of the frame of corresponding form, to which it is securely fastened by means of long tacks or nails *b*, which pass through inclined holes formed in the rubber strip, the holes being made in contrary directions to better insure its being kept in place.

Over these strips are tightly drawn the burlap, cotton, or other material over which the outer covering is to be placed, the edges of the different layers of material being tacked to the frame, as seen at *c*, no stitching being necessary.

The within-described elastic molding, when secured to the edges of frames, serves as a substitute for the roll of tow, hair, or other material heretofore formed at these points, and possesses the following advantages thereover, viz: Ease of application, and the insuring of a straight edge, which will remain permanent, the covering thereover is not so soon worn out as when the roll is formed of tow, hair, &c., the saving in time heretofore required in stitching, and the effectual barrier against the entrance of moths at the points where they usually enter the upholstered portions of furniture.

The elastic molding may be readily bent around any irregular or curved part of the frame, and may be of any desired thickness, or of other shape, in cross-section than that shown in Fig. 2—for instance, like that seen in Fig. 4—without departing from the spirit of my invention.

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

The elastic strip or molding *a*, for the frames of upholstered furniture, constructed and applied substantially in the manner and for the purpose described.

Witness my hand this 22d day of April, A. D. 1876.

In presence of— MARTIN ELBERT.

P. E. TESCHEMACHER.

N. W. STEARNS,