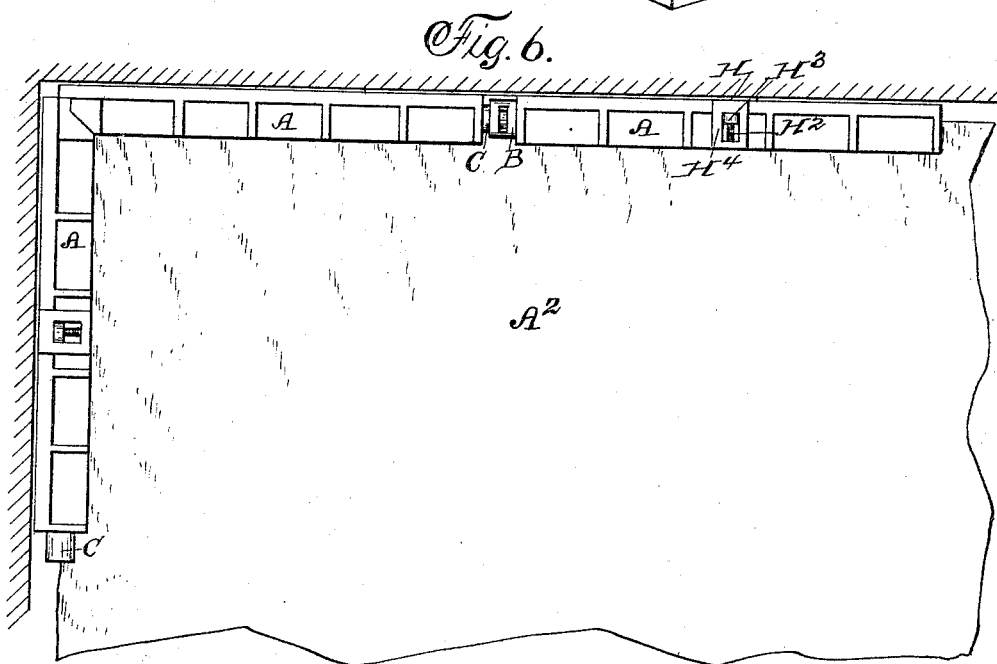
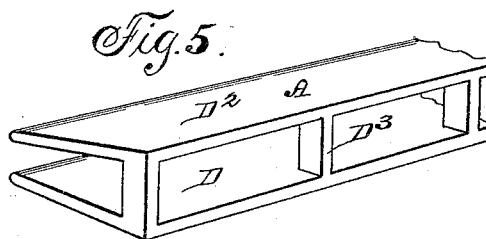
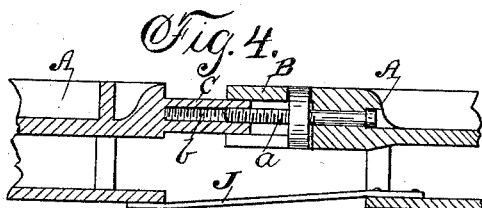
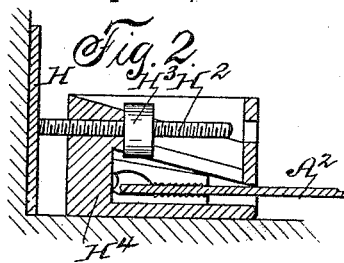
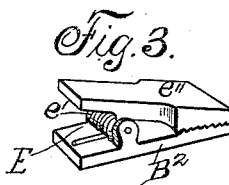
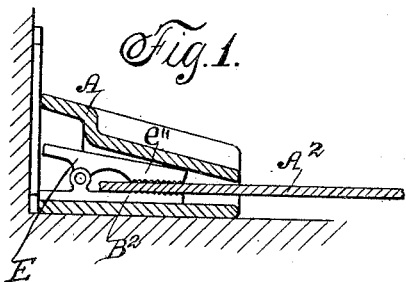


(No Model.)

L. FLEISCHMANN.
CARPET STRETCHER AND FASTENER.

No. 458,682.

Patented Sept. 1, 1891.



Witnesses:
M. P. Smith.
C. C. Bulkey }
Inventor: Lewis Fleischmann,
By Thomas C. Orwig, Atty.

UNITED STATES PATENT OFFICE.

LEWIS FLEISCHMANN, OF DES MOINES, IOWA.

CARPET STRETCHER AND FASTENER.

SPECIFICATION forming part of Letters Patent No. 458,682, dated September 1, 1891.

Application filed July 10, 1890. Serial No. 358,336. (No model.)

To all whom it may concern:

Be it known that I, LEWIS FLEISCHMANN, a citizen of Russia, residing at Des Moines, in the county of Polk and State of Iowa, have
5 invented a new and useful Carpet Stretcher and Fastener, of which the following is a specification.

My object is to provide a combined stretcher and fastener which shall be formed in sections adapted to be readily joined together
10 and means by which the carpet may be removably secured to the marginal strips.

My object further is to provide means by which the marginal strips holding the carpet-edges may be drawn toward the base-board
15 to stretch the carpet and also secured to hold the same in place.

My invention consists in sectional marginal strips which are made of suitable material
20 and so constructed as to form upper and base pieces held at intervals by connecting-pieces adapted to contact against the wall, the upper piece extending downwardly relatively to the base-piece, which rests on the floor, forming a
25 contracted opening, the carpet-edge being grasped and held by means of removable grippers between said upper and base piece, the grippers being so constructed as to be
30 held securely to the carpet by the wedge-shaped receptacle formed by the downwardly-extending piece and the base-piece. The sections are joined by means of an overlapping
35 portion on one end of the one section, having rotatably fixed therein an extending-screw entering a solid portion formed on the section
40 to be joined, provided with a threaded bore adapted to receive the screw of the joined section, said screw being rotated by a thumb-piece thereon, the overlapping portion embracing the solid portion when in position and joined.

My invention consists, further, in plates adapted for attachment to the base-board, having fixed thereto a screw adapted to engage
45 a section, and a nut on the screw to move the section, as required, to stretch and fasten a carpet fixed to the section.

My invention consists, further, in certain details of construction and arrangement of
50 parts hereinafter more fully described, in which—

Figure 1 is a cross-section through one of

the marginal sections, showing the gripper grasping and holding a section of carpet. Fig. 2 is a cross-section through the stretching device. Fig. 3 is a detail perspective view of one
55 of the grippers. Fig. 4 is a longitudinal sectional view of the ends of two sections, showing the joining device. Fig. 5 is a perspective view of a portion of a marginal section. Fig. 6 is
60 a plan view showing the arrangement of my device relative to the floor and walls of a room.

A represents the marginal sections, which have respectively at each of their ends overlapping and embracing pieces B and solid
65 extending portions C, the sections being joined by inserting the extending-screw *a*, which is rotatably fixed to the overlapping portion B within the screw-threaded bore *b* in the solid portion C.

Referring to Fig. 5, the parts of the marginal sections are formed integrally and consist of a base-piece D and an upper piece D², held together by means of the supporting-pieces D³. The upper piece D², extending
75 downwardly from that portion of the strip-section adapted to contact against the wall to the outer portion, forms a wedge-shaped receptacle adapted to receive the grippers E, Fig. 3, which consist in a base-piece B², having a
80 spring *e'*, and bearings for the upper piece *e''*. The gripper is inserted, Fig. 1, into and between the pieces D and D² between supporting-pieces D³, the carpet-edge A² being inserted between its serrated faces, so that when
85 the carpet is drawn taut the gripper is held together by the wedge shape of the receptacle between the pieces D D². The tighter the carpet is drawn the firmer the hold of the
90 grippers.

Referring to the means of stretching and fastening, (shown in Fig. 2,) H is a plate adapted for attachment to or ready detachment from the base-board by means of screws or other suitable device, to which is rotatably
95 fixed the screw H², having a thumb-piece H³, said screw and thumb-piece being held within a hollowed supplemental portion H⁴, formed with the marginal sections, so that when the plates are secured to the base-board and the
100 edges of the carpets are within the grippers, the latter being in place, by rotating the screws H the marginal strips are drawn up snugly to the wall and the carpet stretched

at the same time, the marginal sections in this manner being held to the wall and readily removable.

J, Fig. 4, are spring-pieces holding the carpet down in the space between the joined sections.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

10 1. In a combined carpet stretcher and fastener, the combination of sectional marginal strips adapted to be joined, grippers held within the frame-work of the marginal strips, and a device fixed on the marginal strips,
15 adapted for attachment to the wall, consisting of a plate and screw, whereby the carpet may be stretched and held, as and for the purposes set forth.

20 2. In a combined carpet stretcher and fastener, sections of marginal strips made up of a base-piece and an upper piece, the latter forming a wedge-shaped receptacle for a separable gripper, as and for the purposes set forth.

3. In a combined carpet stretcher and fastener, a supplemental portion formed with the marginal sections, a plate adapted to be fixed to a wall and having a screw projecting outward at right angles and through perforations in said supplemental portion, and a nut
30 on said screw, arranged and combined to operate in the manner set forth.

4. The combination, in a carpet stretcher and fastener, of marginal strips, separable grippers adapted to seize and hold the edges
35 of the carpet, said grippers in turn being held within wedge-shaped receptacles in the marginal strips, embracing portions, a screw, a solid portion having a screw-threaded bore adapted to receive said screw, a plate adapted
40 for attachment to the wall, a screw held by said plate, a nut on said screw, and a supplemental portion formed with the marginal strips, as and for the purposes described.

LEWIS FLEISCHMANN.

Witnesses:

C. C. BULKLEY,
THOMAS G. ORWIG.