

J. S. GREENE & T. D. BRADT.
Carpet-Stretchers.

No. 138,560.

Patented May 6, 1873.

Fig. 1

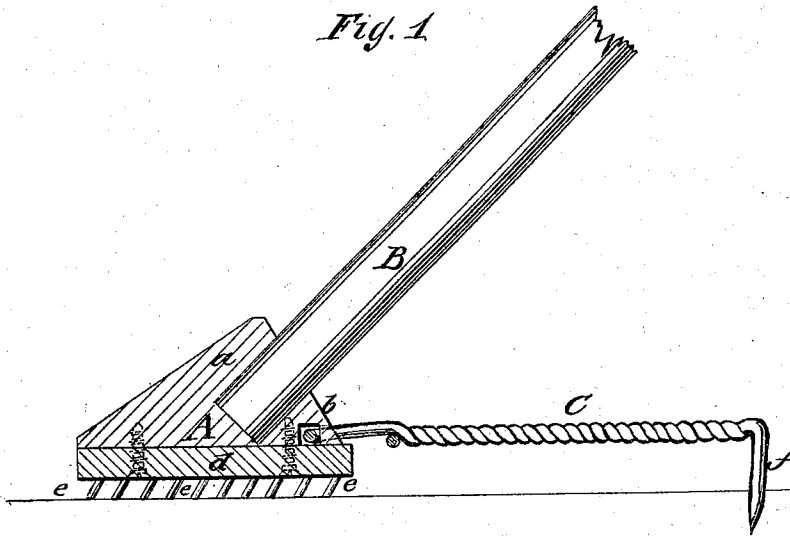
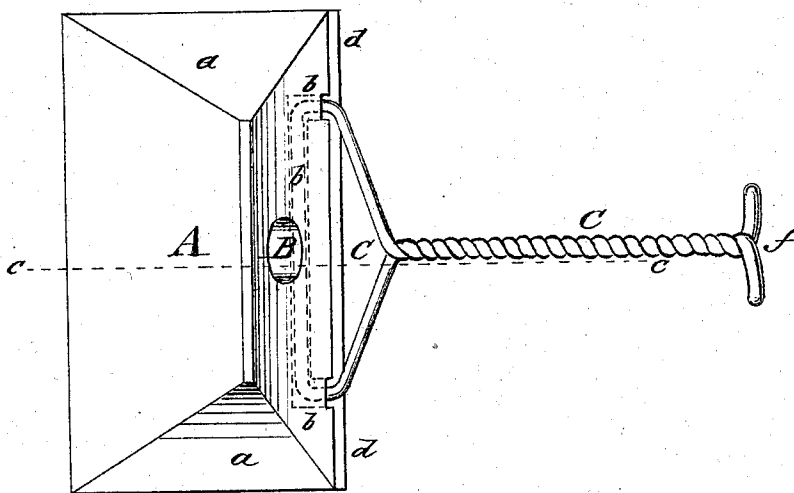


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH S. GREENE AND THOMAS D. BRADT, OF WATERTOWN, NEW YORK.

IMPROVEMENT IN CARPET-STRETCHERS.

Specification forming part of Letters Patent No. **138,560**, dated May 6, 1873; application filed March 8, 1873.

To all whom it may concern:

Be it known that we, JOSEPH S. GREENE and THOMAS D. BRADT, of Watertown, in the county of Jefferson and State of New York, have invented a new and Improved Carpet-Stretcher, of which the following is a specification:

Figure 1 is a vertical longitudinal section of our improved carpet-stretcher on the line C C, Fig. 2; and Fig. 2 is a plan view of the same.

Similar letters of reference indicate corresponding parts.

The object of our invention is to furnish to house-keepers and the public in general an improved carpet-stretcher, by the use of which the carpets are not injured and defaced, allowing one person to stretch and tack the same. The instrument is simple, and can be handled without difficulty; is not liable to get out of repair or broken, and may be furnished at moderate price, meeting, therefore, a desideratum of house-keepers. The invention consists in the improvement of carpet-stretchers, as hereinafter described and pointed out in the claim.

In the drawing, A represents the top plate and socket, which may be made of metal cast in one piece, or of wood pieces rigidly connected by screws, or otherwise. The socket *a* is of prismatic shape, and is provided at its shorter rear side with an aperture for the admission of a strong handle, B. A slotted lateral recess, *b*, below the handle serves for the inser-

tion of claw C. Top plate *d* is provided at its lower side with bristles or teeth *e*, of steel or iron wire, inclined slightly toward the fore part of the socket, and taking a firm hold of the carpet as soon as the necessary pressure from the handle is transferred to them.

As so many teeth take hold simultaneously of the strands of the carpet, no tearing or injury of the same is possible, but an equalized strain stretches the carpet to the place desired.

The claw or hook C is applied at the back of the stretcher, pivoted into recess *b* of socket *a*. It is made of strong wire, twisted after leaving the side holes of recess *b*, and ending in two downward-projecting hooks or teeth, *f*, which, on being pressed down with the foot, hold the stretcher and carpet rigidly in position and allow the tacking on of the stretched part of the carpet. The claw *f* is then withdrawn, and the stretcher applied to another part of the carpet.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The slotted socket-plate A *a b*, handle B, claw C *f*, and bristle-plate *d*, combined, constructed, and arranged as and for the purpose set forth.

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Witnesses:

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