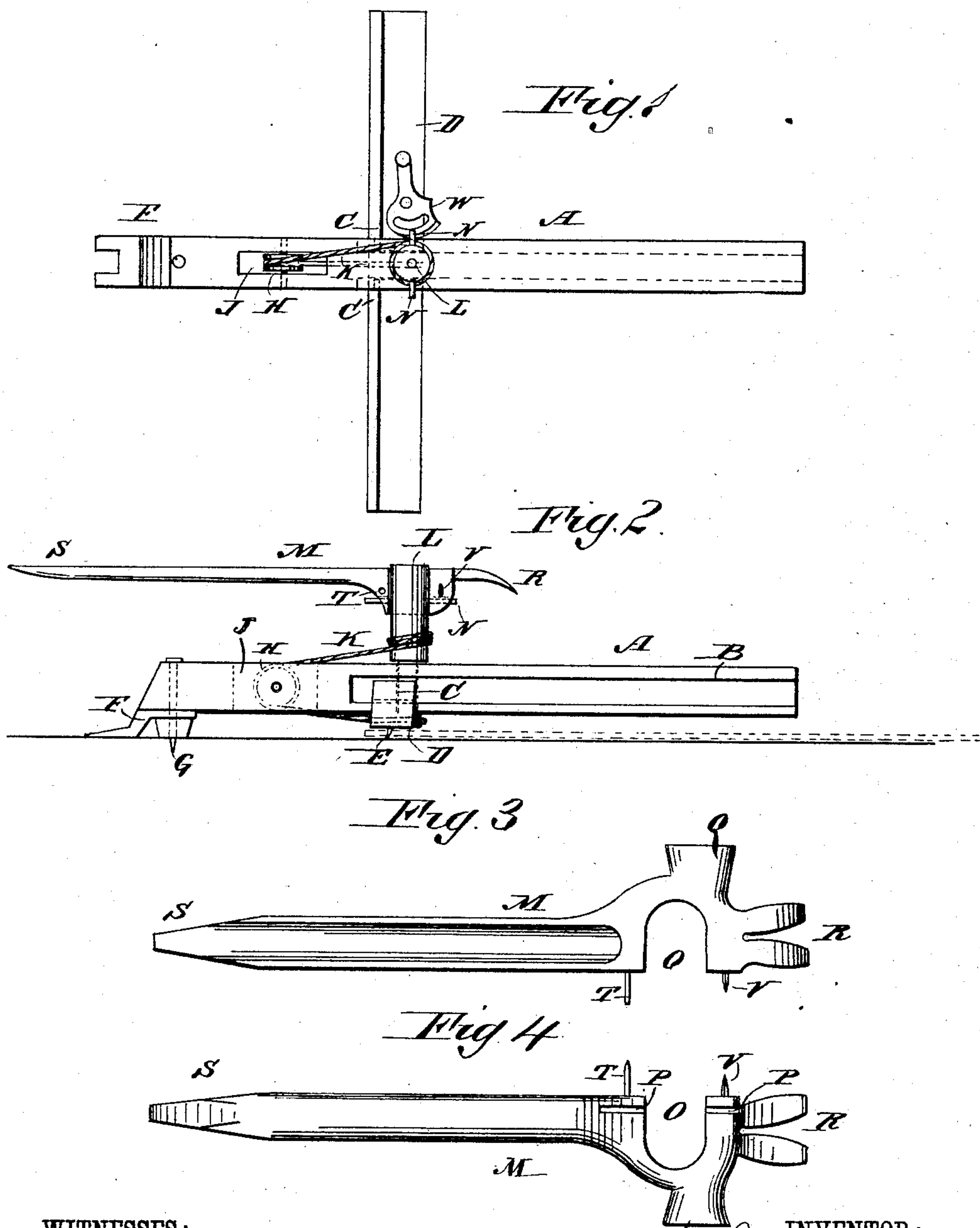


(No Model.)

J. S. INGHAM.
CARPET STRETCHER.

No. 327,171.

Patented Sept. 29, 1885.



WITNESSES:

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JOSEPH S. INGHAM, OF ACADEMY CORNERS, PENNSYLVANIA.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 327,171, dated September 29, 1885.

Application filed December 31, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH S. INGHAM, of Academy Corners, in the county of Tioga and State of Pennsylvania, have invented a new and Improved Carpet-Stretcher, of which the following is a full, clear, and exact description.

The object of my invention is to provide certain new and useful improvements in the carpet-stretcher for which Letters Patent of the United States, No. 178,060, were issued to me on the 30th day of May, 1876, whereby the construction is simplified and the stretcher adapted to more uses.

The invention consists in parts and details, and combinations of the same, as will be fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improved carpet-stretcher. Fig. 2 is a side view of the same. Fig. 3 is a plan view of the tightening-lever. Fig. 4 is a plan view of the under side of the same.

The bar A is provided in its sides with longitudinal grooves B, adapted to receive the upper ends of clips or projections C on a cross-bar, D, which is thus arranged to slide on the bar A.

Pins E project from the bottom surface of the cross-bar D.

A claw-piece, F, is secured to the under side of the bar A, at one end, and is provided with a pin projecting from the bottom of the piece below the claw.

A grooved pulley, H, is pivoted in a vertical slot, J, in the bar A, near the front, and over the said pulley a rope, K, is passed, which has one end secured on the cross-bar D and the other end on a vertical winding post, L, on the top of the bar A, behind the slot, the said posts being arranged to turn on its longitudinal axis. The said post is provided with a cross-piece, N, at its top.

The lever M, for turning the winding-post L, is provided with a notch, O, for receiving the post, and with grooves P in the under side for receiving the cross-piece N on the post L. The said lever M also has a hammer-

head, Q, and a claw, R, at one end, and the opposite end is tapered to form a screw-driver, S. On the edge opposite the one provided with the hammer-head it is provided with a pin, T, and a blade, V.

An eccentric clamping-lever, W, is pivoted on the top of the cross-bar D, and serves to lock the bar D in place on the bar A.

The claw F is forced under the base or sill or against the same, and the pin G is forced into the floor.

The pins E on the cross-piece D are forced into the carpet, and the rope K wound on the winding-post L by means of the lever M, which is placed against the same in such a manner that the post L passes into the notch O and the cross-piece N passes into the grooves P, thus locking the lever on the post. By winding the rope on the post L the cross-bar D is moved toward the claw F, and the edge of the carpet on which the bar D is held is also moved toward the claw F, and the carpet is thus stretched. The bar D is then locked in place on the bar A by the clamp W, and the stretched carpet is tacked.

The handle-lever M can be used as a tack and nail driver, a tack and nail puller, a screw-driver, or as a can-opener, the pin T being forced into the middle of the head of the can and the lever being turned on the pin T as a center, the blade V, which has been forced through the head, cutting a circular piece out of the same.

As the lever M has the notch O, it can also be used as a wrench, the nut or part to be turned being passed into the said notch.

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

1. In a carpet-stretcher, the combination, with the bar A and the sliding cross-bar D, of the pulley H, the rope K, the winding-post L on the bar A, and the cross-piece N on the post L, substantially as herein shown and described.

2. In a carpet-stretcher, the combination, with the bar A and the sliding cross-bar D, of the pulley H, the rope K, the winding post L on the bar A, the cross-piece N, and the lever M, having a notch, O, and groove P, substantially as herein shown and described.

3. In a carpet-stretcher, the combination, with the bar A, and the sliding cross-bar D, of the pulley H, the rope K, the winding-post L on the bar A, the cross-piece N, and the
5 lever M, having a notch, O, the groove P, the hammer-head Q, and the claw R, substantially as shown and described.
4. The lever M, having a notch, O, the
grooves P, the hammer-head Q, the claw R, the pin T, the blade V, and having a screw- 10 driver formed on one end, substantially as herein shown and described.

JOSEPH S. INGHAM.

Witnesses:

W. H. PARSONS,
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