E. W. BULLARD.

CARPET-STRETCHER.

No. 178,593. Patented June 13, 1876.

Fig. 1.

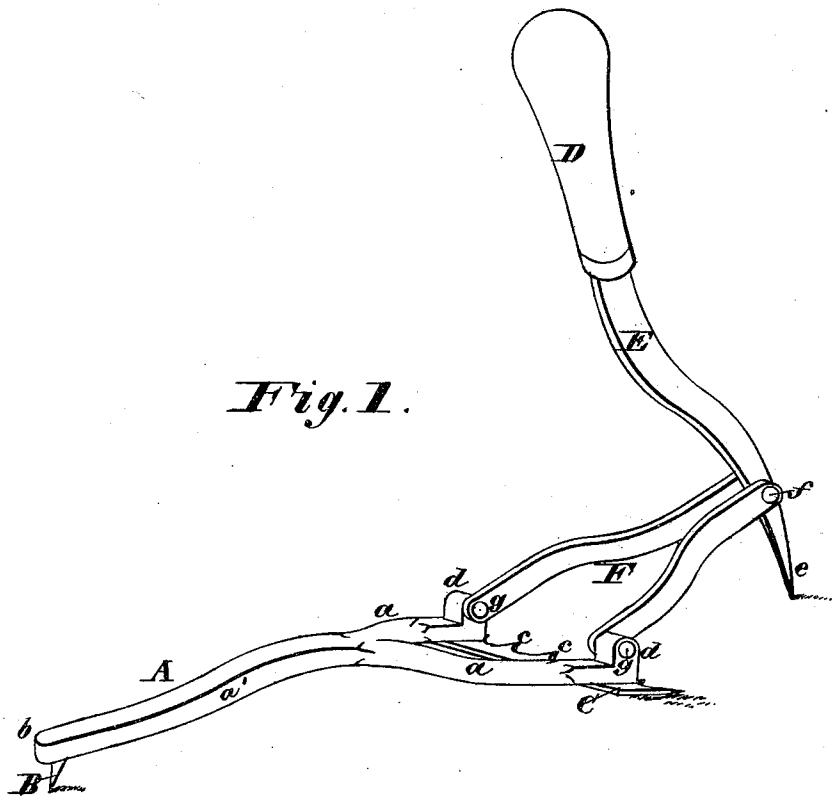


Fig. 2.

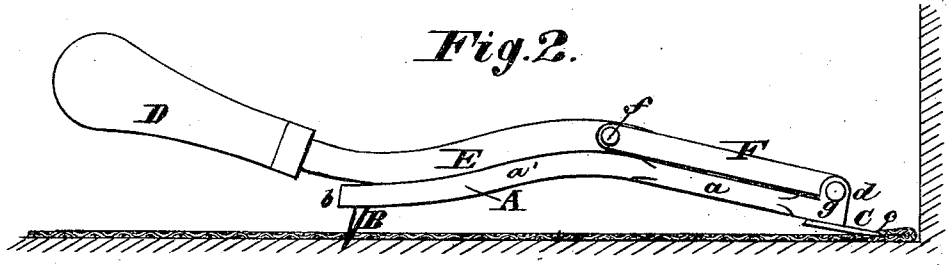
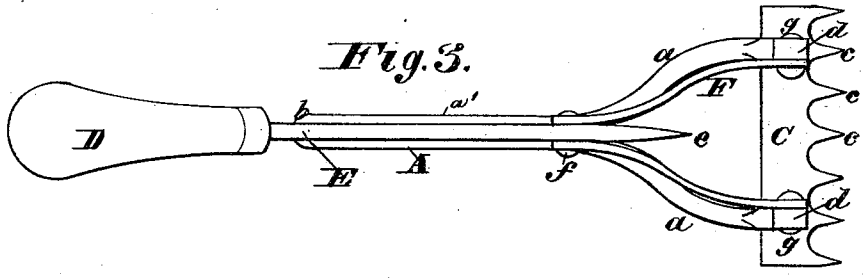


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

EZEKIEL W. BULLARD, OF BARRE, MASSACHUSETTS.

IMPROVEMENT IN CARPET-STRETCHERS.

Specification forming part of Letters Patent No. **178,593**, dated June 13, 1876; application filed May 5, 1876.

To all whom it may concern:

Be it known that I, EZEKIEL W. BULLARD, of Barre, in the county of Worcester and State of Massachusetts, have invented an Improvement in Carpet-Stretchers, of which the following is a specification:

My invention relates to a combined carpet adjuster and stretcher, which is adapted to push or pull the carpet into position.

My improvement consists, first, in a push-bar having arms, the rear end of the bar being provided with a spur, and its arms with a toothed plate; and a pulling device, consisting of a yoke, to which is pivoted a lever.

My improvement consists, secondly, in a lever adapted to fold back upon the push-bar and form part of the handle thereof, to push with said bar.

In the accompanying drawing, Figure 1 is a perspective view, representing the device arranged to stretch a carpet. Fig. 2 represents a side view of the device, the lever lying back upon the push-bar. Fig. 3 is a plan or top view of the same.

A may represent the push-bar, having arms *a*. The rear end *b* of the bar is provided with a spur, B, and the ends of the arms are formed with standards *d*, for attachment of a lever. Directly beneath said standards is secured, by rivets or other equivalent fastenings, a plate, C, having teeth *c*.

D is a handle, which is secured to a lever, E, having a point, *e*. The lever is pivoted near its point by pintle *f* to the yoke F, which is in turn pivoted by pintles *g* to the standards *d* of the arms *a*.

Operation—For placing a carpet: In laying carpets it is of great importance to have a device that will seize the carpet and bring it to the skirt-board and hold it there while being tacked.

When the carpet does not require much stretching, this device is used in its normal condition—that is, with the yoke F and lever E folded back and down upon the push-bar A. By taking hold of the handle D with the right hand, and grasping the lever E and the stem *a'* of the bar A with the left hand, and holding them together while the points of the teeth *c* of the plate C are inserted in the carpet, it is pushed up to the skirt-board, and by pressing over the rear end of the bar A the spur B is inserted in the floor and holds the carpet in place while being tacked.

For stretching the carpet, the points of the teeth *c* of the plate C are inserted in the carpet about three or four inches from the edge. The handle D of the lever E is then taken hold of by the right hand and the stem *a'* of the bar A by the left hand. The lever is next brought a little back and its point *e* forced into the floor, and the lever pushed forward. This operation is repeated until the carpet is in proper place, when the rear end of the bar is pressed to insert the spur B in the floor to hold the carpet until it is tacked. The lever is now with its yoke folded back upon the push-bar, so that the device will be entirely out of the way while the carpet is being tacked.

The device is cheaply manufactured, of great utility, and simple in construction.

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

1. The combination, with the bar A, having spur B and toothed plate C of the yoke F and lever E, as and for the purpose set forth.

2. In combination with a push-bar, the lever adapted to fold over said bar, as and for the purpose set forth.

EZEKIEL W. BULLARD.

Witnesses:

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