

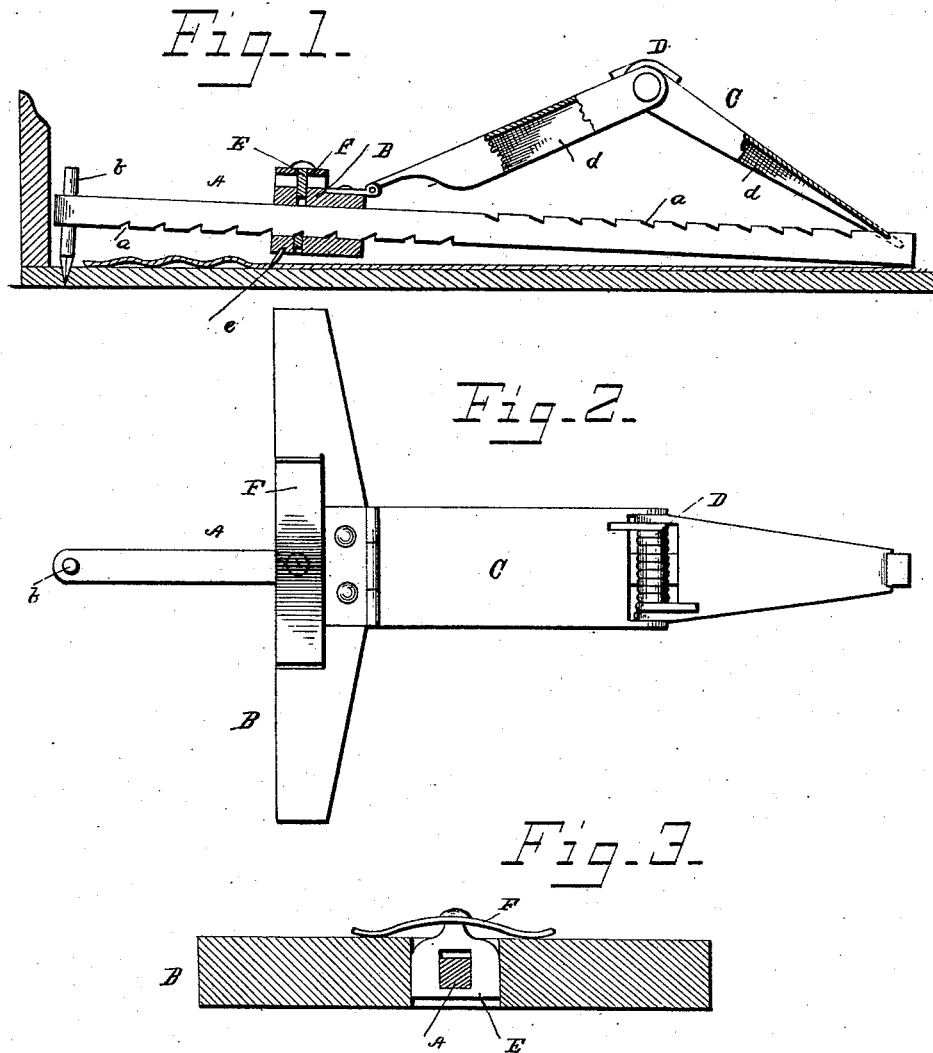
(No Model.)

A. W. JACKSON.

CARPET STRETCHER.

No. 302,493.

Patented July 22, 1884.



WITNESSES

Edmund L. Jewell.  
J. J. McCarthy.

INVENTOR

A. W. Jackson.  
By L. M. Alexander  
Attorney

# UNITED STATES PATENT OFFICE.

AMARIAH W. JACKSON, OF CHICAGO, ILLINOIS.

## CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 302,493, dated July 22, 1884.

Application filed May 28, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, AMARIAH W. JACKSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Carpet-Stretchers, of which the following is a specification, reference being had therein to the accompanying drawings, and to the letters of reference marked thereon, and making a part of this specification.

The nature of my invention relates to certain improvements in carpet-stretchers; and its object is to provide a simple and efficient device for stretching the carpet across the floor and holding it previous to being fastened.

To enable others to use and construct my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, in which—

Figure 1 represents partly a side and partly a sectional view of my improvement, showing the same applied to the floor of a room; Fig. 2, a plan view of the same detached, and Fig. 3 a transverse sectional view taken through the sliding head-piece.

In the figures, A represents a bar having notches *a* on its upper and lower sides, extending from the rear end about half its length on the upper side, and on the under side about the same distance from the opposite end. This bar is also provided with a securing-pin, *b*, on its inner end.

The letter B designates the sliding head-piece, provided with the teeth or spurs *e*, adapted to engage the carpet when in use. To this head-piece is hinged the jointed lever C, hinged at its center by a pin, this pin being surrounded by a coiled spring, D, the ends of which are secured on opposite sides of said pin to the lever C, for the purpose hereinafter set forth. The lever C is provided with flanges *d*, to enable the parts to be hinged together, as shown in the drawings. These flanges embrace the bar A and guide the lever thereon and engage the notches *a*. The middle of the head-piece B is slotted vertically, as shown in Fig. 3, to receive the plate E, which is provided with an aperture for the bar A to pass through. The aperture is beveled on its lower edge to

operate in connection with the notches on the under side of the bar A, as hereinafter more fully set forth.

F designates a flat metallic spring resting on the head-piece and riveted or otherwise fastened to the plate E.

To use my invention for stretching a carpet, the pin on the inner end of the bar A is first driven in the floor near the base-board, the other end resting on the carpet. Then press down with the thumb on the spring-plate F, which disengages the plate E from the notches on the under side of the bar A, and slide the head-piece back until the spurs *e* engage the carpet. The lever C is then in an upright position, as shown in Fig. 1, and by pressing down with the foot on the same the head-piece will advance and carry the carpet with it. When the lever C is released, it will assume an angular or partially drawn-up position, as shown in Fig. 1, caused by the spring D. The head-piece, as it advances, is prevented from returning by the beveled portion of the plate E catching in the notches on the under side of the bar A. If it is desired to further stretch the carpet, the operator releases the lever C, and it is drawn to an angular or upright position by the spring D, ready for another operation, which may be repeated until the carpet is drawn close to the base-board.

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

1. In a carpet-stretcher, the double hinge-lever, with spring, which is fastened at one end to the sliding head, while the other end engages the notches in the draw-bar, substantially as herein set forth.

2. In a carpet-stretcher, the perforated plate with flat metallic spring for holding the sliding head to the draw-bar, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

AMARIAH W. JACKSON.

Witnesses:

CHARLES F. HUNT,  
ANDREAS RAIMMEY.