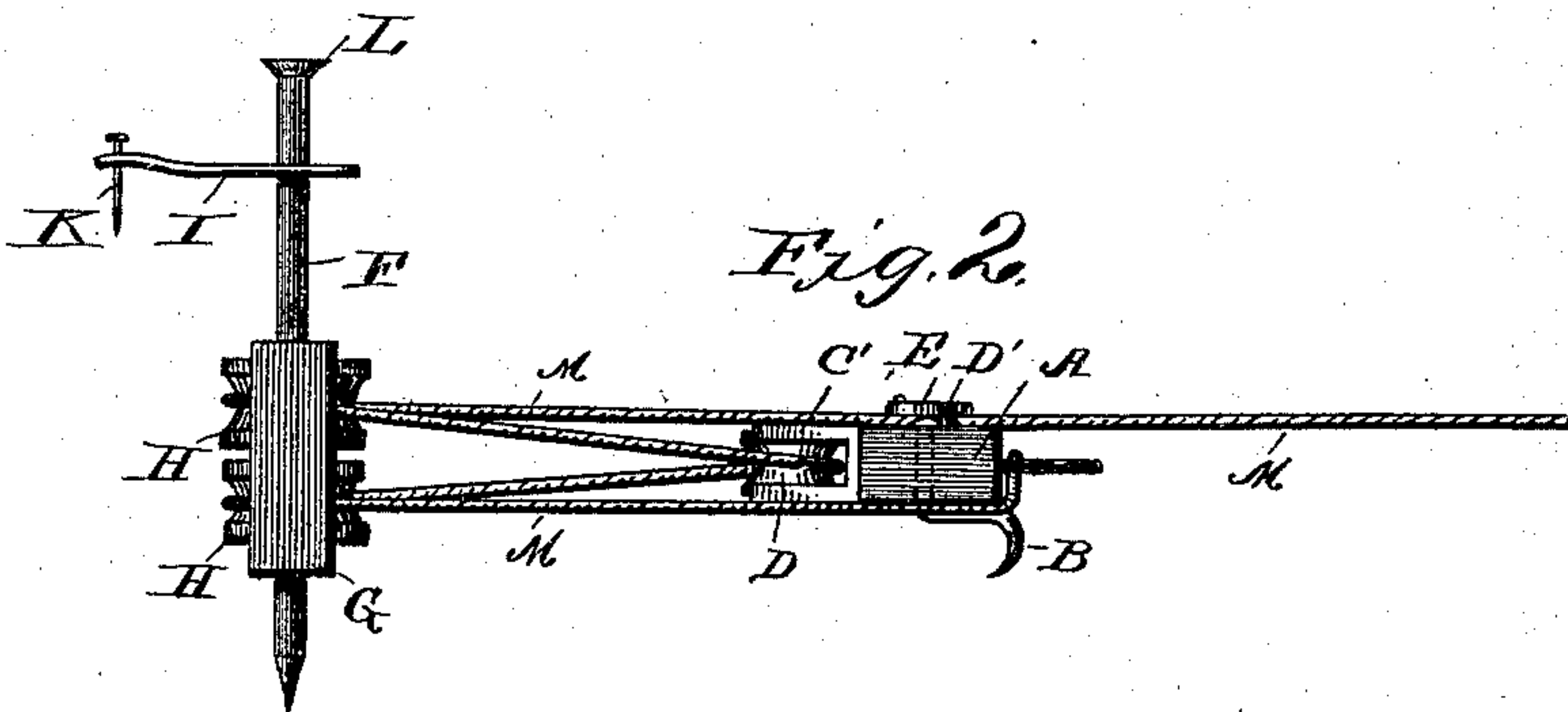
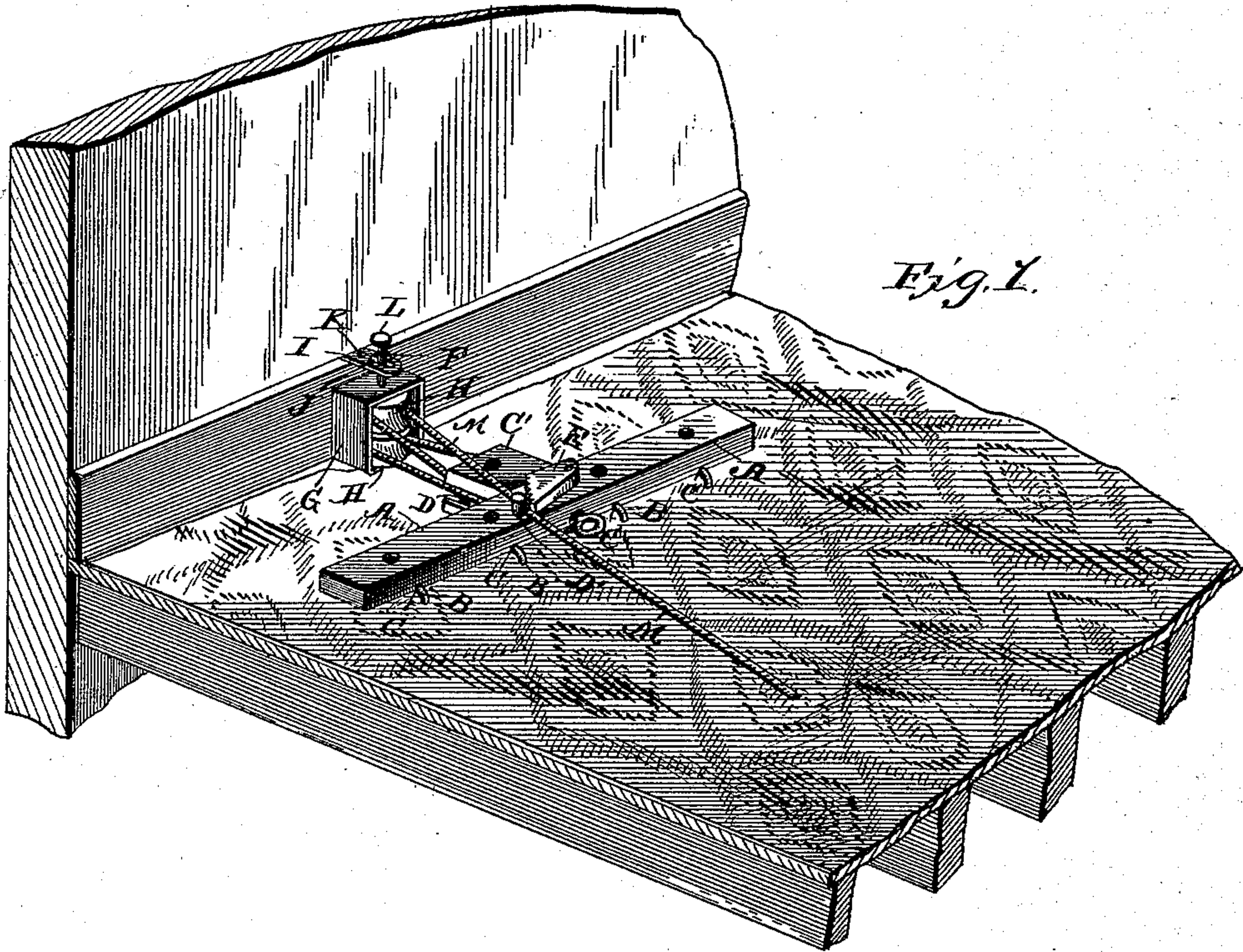


(No Model.)

D. A. FOSTER & T. L. BARKER.  
CARPET STRETCHER.

No. 416,725.

Patented Dec. 10, 1889.



Witnesses

*E. M. Mordeman*

*R. W. Bishop*

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*David A. Foster*  
*Thomas L. Barker*

*C. A. Snow & Co.*

Inventors



# UNITED STATES PATENT OFFICE.

DAVID A. FOSTER AND THOMAS L. BARKER, OF WESTFIELD, INDIANA.

## CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 416,725, dated December 10, 1889.

Application filed June 25, 1889. Serial No. 315,502. (No model.)

*To all whom it may concern:*

Be it known that we, DAVID A. FOSTER and THOMAS L. BARKER, citizens of the United States, residing at Westfield, in the county of Hamilton and State of Indiana, have invented a new and useful Carpet-Stretcher, of which the following is a specification.

Our invention relates to improvements in carpet-stretchers; and it consists in certain novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of our improved carpet-stretcher, showing it in operative position. Fig. 2 is a side view of the same.

Referring to the drawings by letter, A designates the stretching-bar, which may be of any desired size and of any suitable material, and is provided with a series of teeth B, the shanks of which pass vertically through the stretching-bar and fit in recesses C in the under side of the same and have their points projecting downward and adapted to engage in the carpet. On the front side of the stretching-bar we provide a bracket C', in which a pulley D is journaled, and on the upper side of the stretching-bar we provide a lug D' and a ratchet-faced pawl E, which is adapted to bind the stretching-rope against the said lug.

Near the base-board we secure a standard F, on the lower end of which the pulleys H are journaled. The end of the lever is adapted to enter the floor and thereby secure the said standard in the desired upright position. The pulleys are arranged within the bracket or loop G secured to the standard, and in order to counteract the pull exerted on the standard in stretching the carpet we employ the retaining-plate I, which is provided with a longitudinal slot J, so that it may be slipped over the standard, and is also provided with a pin K, which is adapted to enter the base-board and thereby secure the said retaining-plate in its proper position. The said plate is prevented from slipping from the standard by means of the annular flange L at the upper end of the standard, as will be readily understood.

M designates the stretching-rope, which is secured at one end to the stretcher-bar, extends forward therefrom to and around one

of the pulleys H, thence backward to and around the pulley D, thence again forward to and around the remaining pulley H, and then backward over the stretching-bar and between the lug D' and the pawl E.

The construction and arrangement of the several parts of our device being thus made known, the advantages of the same and the manner of using it will be readily understood. The standard is secured near one of the walls, as shown and described, and the teeth on the stretching-bar are then engaged in the edge of the carpet, as will be readily understood. The stretching-rope is then drawn rearward and the stretching-bar thereby caused to move toward the standard, consequently stretching the carpet.

It will be observed that our device is very simple in its construction and is composed of very few parts. The standard will be effectually braced and retained in a vertical position by its lower end, and the retaining-plate and the stretching-bar will be easily and positively drawn over the floor, so as to stretch the carpet by pulling on the stretching-rope, as will be readily understood. After the carpet has been stretched to the desired degree the pawl E is turned so as to bind the rope against the lug D' and thereby hold the carpet until it has been secured to the floor. It will be further observed that with our device the operator can stand at one side of the room and stretch the carpet, thereby overcoming the necessity of standing on the carpet near the stretcher.

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

1. The combination of the standard having a pointed lower end adapted to enter the floor, the retaining-plate adapted to be secured to the base-board and fitting over the upper end of the standard, the stretching-bar, and the stretching-rope secured to the stretching-bar and passing around pulleys on the standard, as set forth.

2. The combination of the standard having a pointed lower end and an annular flange at its upper end, the retaining-plate fitted over the standard and provided with a pin adapted to enter the base-board, the stretching-bar,

and the stretching-rope secured to the stretching-bar and passing around pulleys on the standard, as set forth.

3. The improved carpet-stretcher, consisting of a standard, a retaining-plate fitted on the standard and adapted to be secured to the base-board, pulleys H on the standard, a stretcher-bar, a bracket C, secured thereto, a pulley D in said bracket, and a stretching-rope secured to the stretching-bar and pass-

ing around the pulleys D and H, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

DAVID A. FOSTER.  
THOMAS L. BARKER.

Witnesses:

LAYTON BURGESS,  
W. S. GODBY.