

(No Model.)

B. F. WILLIAMSON.
CARPET STRETCHER.

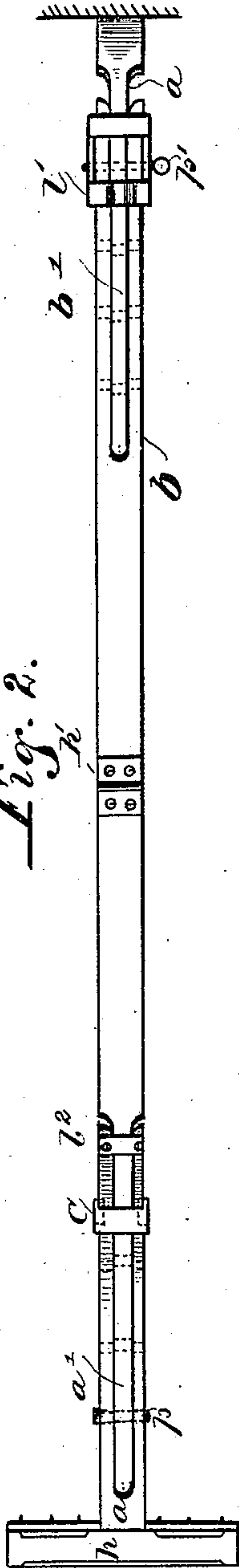
No. 308,122.

Patented Nov. 18, 1884.

Fig. 1.



Fig. 2.



WITNESSES.

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INVENTOR.

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UNITED STATES PATENT OFFICE.

BENJAMIN F. WILLIAMSON, OF PITTSBOROUGH, INDIANA, ASSIGNOR OF
ONE-HALF TO GEORGE WELLS, OF SAME PLACE.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 308,122, dated November 18, 1884.

Application filed June 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. WILLIAMSON, a resident of Pittsburgh, Hendricks county, Indiana, have made certain new and
5 useful Improvements in Carpet-Stretchers, a description of which is set forth in the following specification, reference being made to the accompanying drawings, in the several figures of which like letters indicate like parts.

10 My invention relates to the construction of carpet-stretchers wherein a head is connected with one or more folding extensible arms, and will be understood from the following description.

15 In the drawings, Figure 1 represents a side view of my device with the parts of the arms at an angle and in position for stretching the carpet. Fig. 2 represents a plan view.

20 In detail *h* is the head having teeth, as shown, and is attached to an arm composed of two parts, of which the inner, *a'*, slides in the outer, *a*, and a pin, *p*, is passed through holes made in the parts at suitable distances to fasten
25 the sliding parts together, and to serve as a fulcrum when the outer part is used as a lever for stretching the carpet.

30 *c* is a clamp connected to the sides of *a* and passing over the top, and may be moved along to any point, and acts as a stop to keep the end of *a'* from flying up and out between the sides of *a* when extended.

b² is a brace or bar uniting the ends of *a* at the rear.

35 *h'* is a hinge coupling arm *a a'* to the butt-piece, which is of two parts, *b*, which is forked, and the inner piece, *b'*, which moves up and down in *b* for extension to any greater length

or closing to make it shorter. A lock, *l*, moving on the side of *b* and slotted to admit the passage of the pin *p'*, is provided with a beveled loop on top to lock the bar *b'* when thrown
40 up at an angle to *b*. This lock is adjustable at any point on the part *b*, and may be locked anywhere on the line of extension, as shown in Fig. 1. I thus provide a carpet-stretcher
45 which may be used the whole length of a room, the butt-piece resting against the wash-board by throwing the extensible arms up at an angle, and then fixing the teeth of the head in the carpet a firm pressure of the hand in moving
50 the part *a'* up and down on pivot *p* will force the arms to straighten out, stretching the carpet in the proper direction without tearing it.

The operation is simple and easily understood.

55 The arms when extended may be set by the pins *p p'* in the holes shown in the sides.

What I claim, and desire to secure by Letters Patent, is the following, viz:

1. The butt-piece composed of extensible
60 parts *b b'*, and provided with lock *l*, having loop *l'* and slotted sides *s*, in combination with an arm and lever, substantially as described.

2. The carpet-stretcher having head *b*, extensible arm *a a'*, clamp *c*, brace *b²*, hinge *b'*,
65 butt-piece *b b'*, lock *l*, having loop *l'* and slots *s*, pins *p p'*, all combined substantially as described.

In witness whereof I have hereunto set my hand this 11th day of June, 1884.

BENJAMIN F. WILLIAMSON.

Witnesses:

C. P. JACOBS,
GEORGE WELLS.