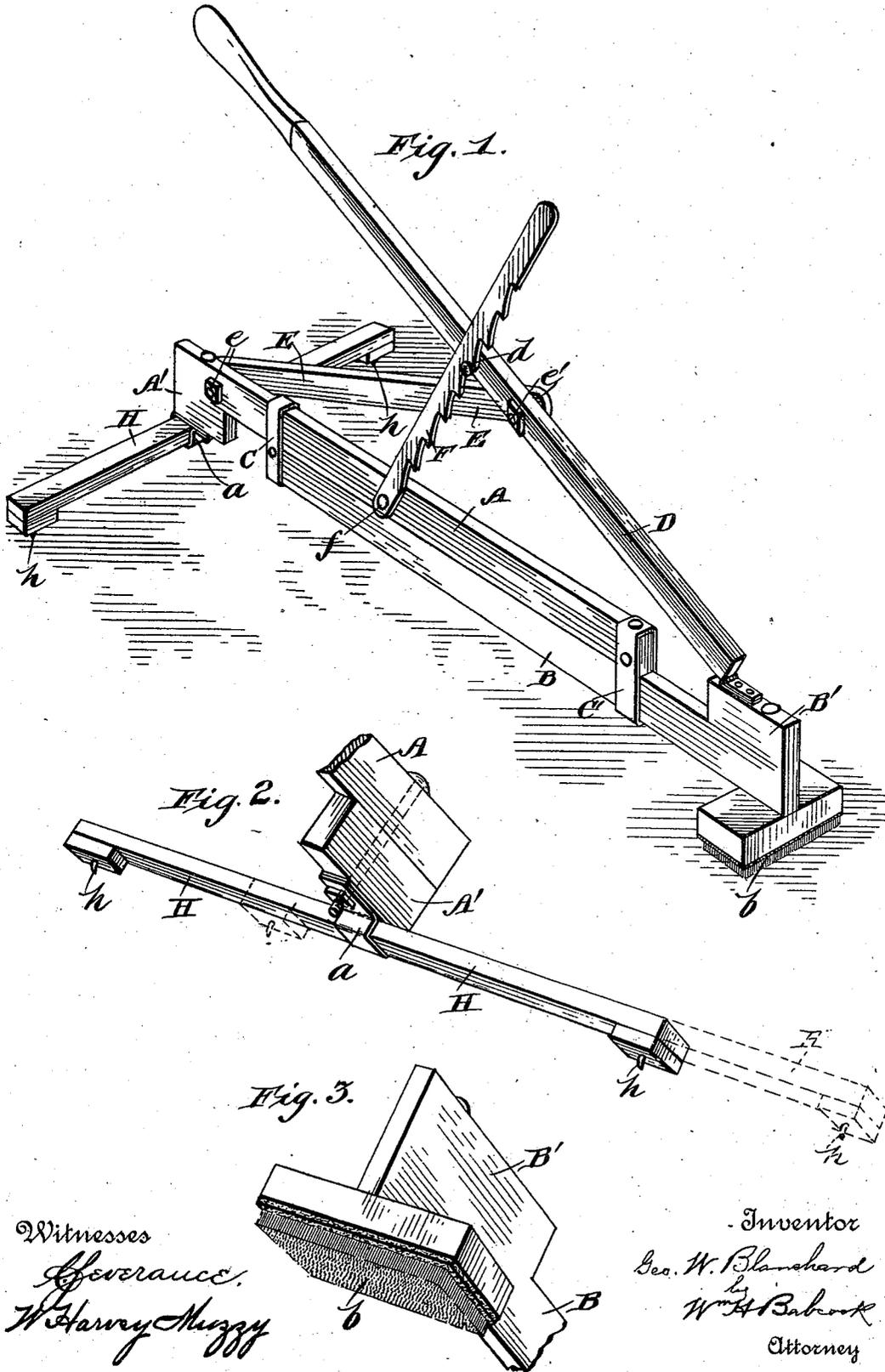


(No Model.)

G. W. BLANCHARD.  
CARPET STRETCHER.

No. 501,132.

Patented July 11, 1893.



Witnesses  
E. Leverance,  
W. Harry Muzzey

Inventor  
Geo. W. Blanchard  
by  
W. H. Babcock  
Attorney

# UNITED STATES PATENT OFFICE.

GEORGE W. BLANCHARD, OF WATERVILLE, MAINE.

## CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 501,132, dated July 11, 1893.

Application filed October 10, 1892. Serial No. 448,434. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BLANCHARD, a citizen of the United States, residing at Waterville, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Carpet-Stretchers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in carpet stretchers in which pivoted levers operate to increase the distance between spurs which engage the carpet; and the objects of my improvements are, first, to so place the engaging spurs that the line of stretch will be from the spur of the movable member of the device and between a set of spurs of the other member; second, to so arrange the levers that very little exertion is required to stretch the heaviest carpet; and, third, to so construct the whole device that it can readily be folded into a very compact form for shipping and the like. I attain these objects by the devices illustrated in the accompanying drawings in which—

Figure 1 represents a perspective view of said devices. Fig. 2 represents in detail perspective the spur arm and its mountings and Fig. 3 represents in detail perspective the stretching spur.

Movably mounted upon a bar A by means of bands C C' is a bar B provided at one end with an angular extension B' upon which is hinged the operating lever D. The bar A is also provided at one end with an angular extension A' to which is bolted a sleeve a, which can be turned on said bolt and in turn carries the movable spur bar H provided at each end with a spur h. A lever E is pivoted at one end e to bar A, near the angular extension of the latter, and at the other end e' is pivotally connected to the operating lever D below the center of the latter so that upon the depression of the said operating lever the bar B is forced along on the bar A. To hold the levers D, E in their depressed position I provide a rack F which is pivoted at one end f to bar A and rests with its teeth upon a stud d mounted upon lever D, said rack engaging said stud by its weight alone. Upon the end

of bar B a wire brush or spur b is rigidly mounted so as to engage and stretch the carpet when operated in conjunction with the spur bar H.

The operation of the device is as follows: The operating lever D having been raised so as to bring the ends of bars A, B into contact with their opposite respective angular ends, the spur bar H is adjusted in its sleeve and the spurs pressed into the floor through the carpet. The wire brush or spur b is then pressed upon the carpet and the lever D depressed thus causing the bar B to slide on bar A and increase the distance between the spur bar H and the brush or spur b. As can readily be seen the stretch will not be from brush or spur b to the spurs h as heretofore in carpet stretchers, but will be from brush or spur b clear to the other side of the room the line of stretch passing between the two spurs h. The whole apparatus can now be moved to the right or left as the case may be by simply sliding on the sleeve a and the operation can then be repeated until the whole space between the spurs h has been stretched. When the lever D has been depressed sufficiently it is automatically locked in such depressed condition by the rack F engaging the stud d thus allowing the tacking of the carpet without any further attention to the stretcher until the operation is to be repeated. With this device it is not necessary to have great ungainly stretchers that extend clear across a room but the parts may be made very small and still be capable of stretching the carpet from wall to wall and that without making numerous holes in the carpet according to the length of bar H.

By my arrangement of levers great power can be gained with an expenditure of very little strength and the heaviest carpet can be stretched with ease.

By simply turning the sleeve a on its pivot the line of stretch can be extended in different directions.

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

1. In a carpet-stretcher the combination of a stationary frame with a spurred cross-bar attached thereto and a longitudinally sliding bar mounted on the said frame this latter bar

being provided with a brush or spur which is arranged on a line passing between the spurs of the cross bar in order that the line of stretch may pass between these latter spurs and beyond the said stretcher substantially as set forth.

2. In a carpet-stretcher two parallel movable spurred parts arranged to slide over each other and to have the line of draft pass between the spurs of one of them for stretching the carpet beyond the said spurs in combination with lever and connection acting to force the said parts away from each other substantially as set forth.

3. In a carpet-stretcher two parallel movable spurred parts arranged to slide over each other and to have the line of draft pass be-

tween the spurs of one of them, for stretching the carpet beyond the said spurs, in combination with a lever and connections acting to force the said parts away from each other and a rack bar engaging the said lever to lock the said parts at will substantially as set forth.

4. In a carpet-stretcher the combination with a frame provided with a laterally adjustable spur bar of a longitudinally sliding spur bar mounted on said frame and levers actuating said bar substantially as set forth.

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

GEORGE W. BLANCHARD.

Witnesses:

WM. F. JONES,

WM. J. FOGARTY.