

No. 648,976.

Patented May 8, 1900.

G. M. MOURAD.
RUG STRETCHING DEVICE.

(Application filed Jan. 24, 1900.)

(No Model.)

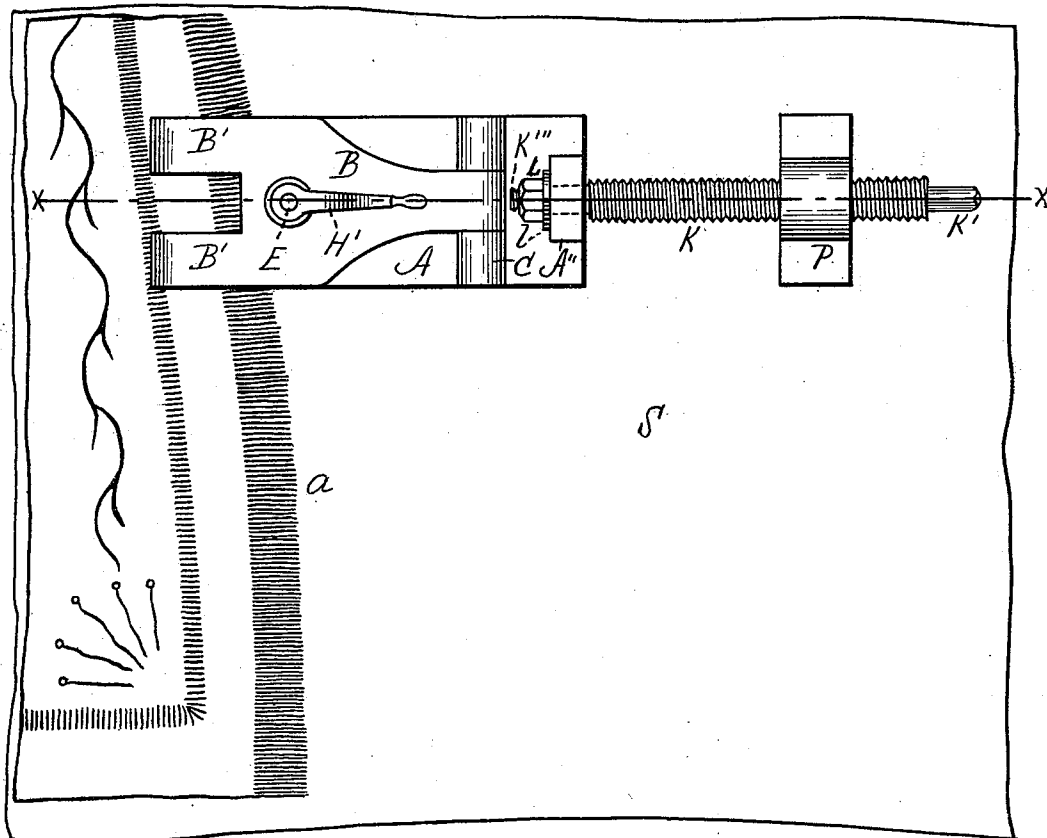


Fig. 1.

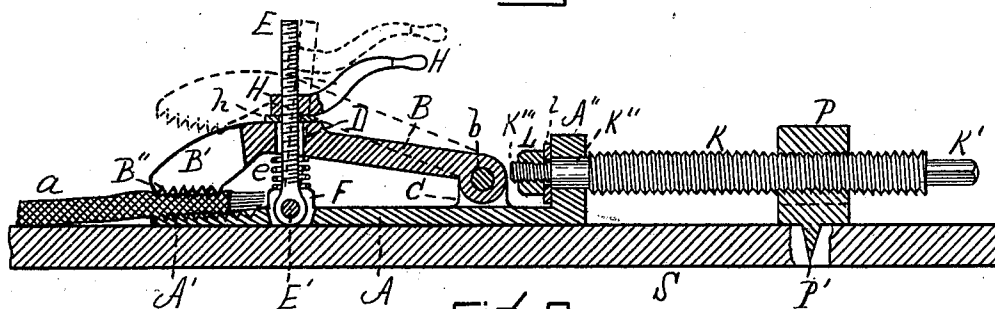


Fig. 2.

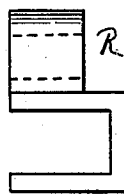


Fig. 3.

WITNESSES

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RUG-STRETCHING DEVICE.

SPECIFICATION forming part of Letters Patent No. 648,976, dated May 8, 1900.

Application filed January 24, 1900. Serial No. 2,589. (No model.)

To all whom it may concern:

Be it known that I, GARABED M. MOURAD, a citizen of the United States, residing in Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Rug-Stretching Device, of which the following is a specification.

Rugs, more particularly imported ones, are frequently found with irregular edges or edges which are not parallel with the opposite edges. This is due to the manner in which most foreign rugs, especially Eastern rugs, are made.

The invention has for its object to provide an efficient and powerful contrivance whereby the rug may be grasped and gradually stretched without injury to it.

The nature of the invention is fully described below and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of my improved device in the act of stretching the rug upon a floor or other surface. Fig. 2 is a vertical section taken on line X, Fig. 1. Fig. 3 is a side view of a nut adapted to be applied to the edge of a table in place of the one shown in Figs. 1 and 2.

Similar letters of reference indicate corresponding parts.

a represents a portion of the edge of a rug which, as appears in the drawings, is not straight, but is to be stretched and straightened by my appliance.

A represents a flat plate constituting a base and stationary jaw, the surface of the front portion of said plate being transversely serrated at A' and the rear end of the plate being formed up into the vertical portion A''.

B is the movable jaw, hinged at b to ears C, integral with the plate A. The forward end of the jaw B is bifurcated and formed into two gripping ends B', each of which is transversely serrated at B''. This jaw is formed up centrally, as shown, and provided with the vertical hole D, through which a screw E extends, said screw having its lower end pivoted at E' to the stationary jaw A by means of suitable ears F, said stationary jaw being recessed, as shown, for the purpose. A spring e surrounds the screw and lies between the movable jaw B and the ears F, holding the movable jaw normally up. A nut H engages

the thread of the screw above the movable jaw and is provided with a handle H', and a washer h lies between said nut and jaw.

K is a screw squared at its outer end K' to receive an operating-tool provided with a smooth surface at K'' within a corresponding horizontal bore in the part A'' and with a threaded end K'''. A nut L upon the threaded end K''' holds the screw in the portion A'', being separated from such portion by the washer h. The screw is engaged by a large nut or internally-threaded block P, whose bottom is provided with one or more points or sharp projections P', whereby this nut or block may be held in position upon a floor or other surface S. The horizontal openings in the nut P and the portion A'' are at the same height, so as to hold the screw K in a horizontal position.

In operation the stationary jaw A is laid flat upon the surface S, the nut or block P engaged with such surface in the manner described, and the handle H' rotated until the movable jaw B swings up into the position indicated by dotted lines in Fig. 2. The rug a is then laid over the serrated portion of the movable jaw and the movable jaw pressed down upon it against the power of the spring e by rotating the nut H and handle H'. The edge of the rug is then stretched by applying a suitable wrench or tool to the portion K' and drawing the upturned lip A'', and hence the clamping mechanism, toward the block or dog P.

In case the stretching is done upon a table the nut may be replaced by the device shown in Fig. 3, in which R is the nut portion which engages with the screw K, and R' is a downward extension adapted to extend over and around the edge of the table.

By means of the above-described contrivance the rug may be stretched at different points to the exact degree or degrees required, so that the edge may be made perfectly straight.

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

1. The herein-described rug-stretching device, consisting essentially of the flat base or stationary jaw A serrated on its upper surface and formed up into the vertical portion

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- A" provided with a hole; the arc-shaped movable jaw B hinged at one end to the stationary jaw, serrated on its under surface and provided with the vertical hole D; the screw E pivoted at its lower end to the stationary jaw and extending up through said hole in the movable jaw; a spring between the jaws and holding the movable jaw normally up; a nut provided with a handle and in engagement with the screw above the movable jaw; the horizontal screw K, provided with the smooth cylindrical portion K" and extending through the hole in the upturned portion A" of the stationary jaw; means for loosely securing said screw to said portion; the nut or internally-threaded block P in engagement with said screw; and means integral with said nut or block for engaging the same with the surface upon which the rug is to be stretched, substantially as set forth.
2. The herein-described rug-stretching device, consisting essentially of the flat base or stationary jaw A serrated on its upper surface and formed up into the vertical portion A" provided with a hole; the arc-shaped movable jaw B hinged at one end to the stationary jaw, serrated on its under surface and provided with the vertical hole D; the screw E pivoted at its lower end to the stationary jaw and extending up through said hole in the movable jaw; a spring between the jaws and holding the movable jaw normally up; a nut provided with a handle and in engagement with the screw above the movable jaw; the horizontal screw K, provided with the smooth cylindrical portion K" and extending through the hole in the upturned portion A" of the stationary jaw; means for loosely securing said screw to said portion; the nut or internally-threaded block P in engagement with said screw; and a prong or point integral with said block and extending down therefrom whereby the block or nut may be held by driving said prong or point into a floor or other surface, substantially as described.
- GARABED M. MOURAD.
- Witnesses:
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