No. 687,754. Patented Dec. 3, 1901.

A. S. HORLACHER.

FRINGE APPLYING APPARATUS.

(Application filed Apr. 6, 1901.)

(No Model.)

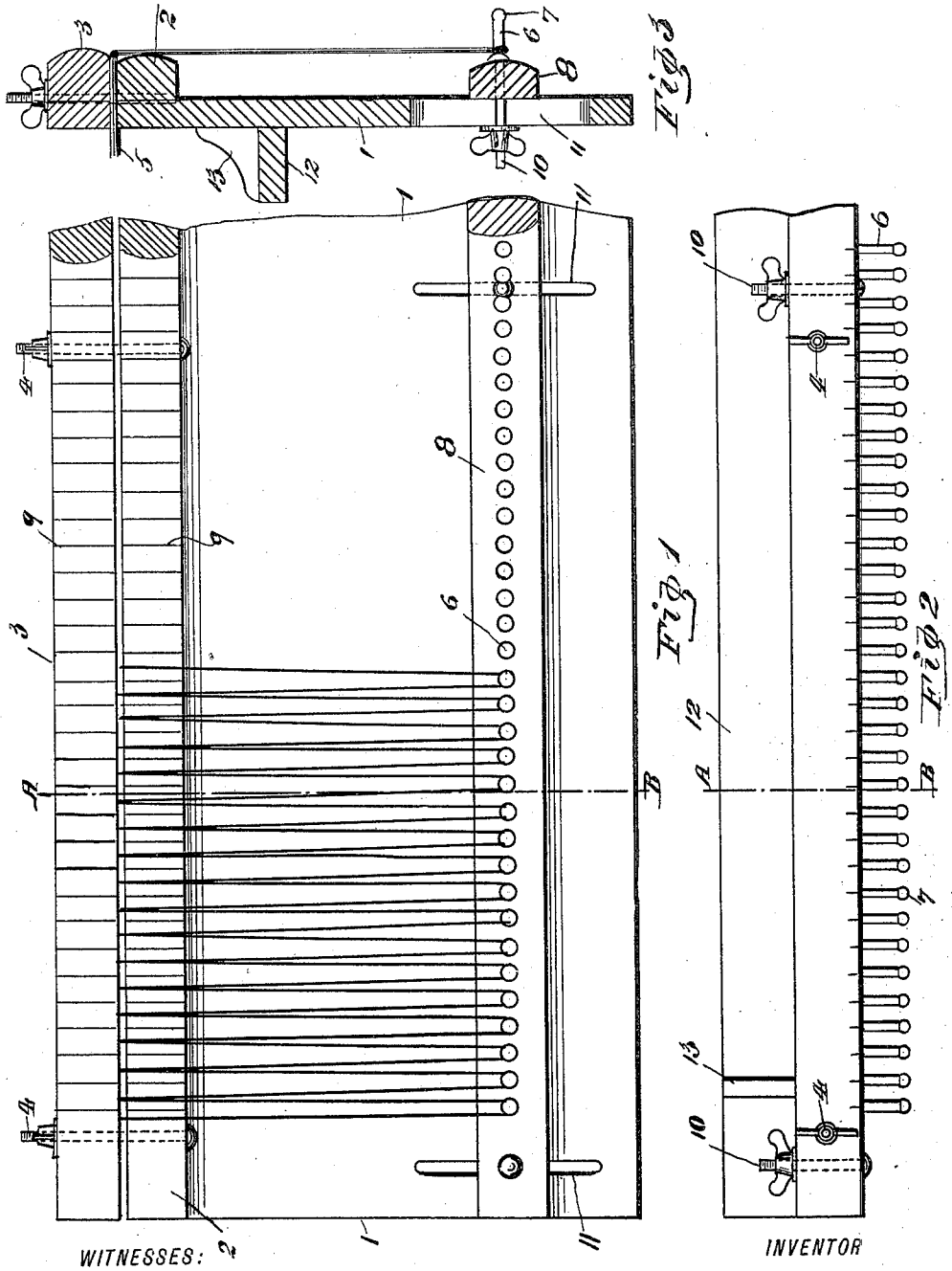


Fig. 1.

Fig. 2.

WITNESSES:

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ADAM S. HORLACHER, OF INDIANAPOLIS, INDIANA.

FRINGE-APPLYING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 687,754, dated December 3, 1901.

Application filed April 6, 1901. Serial No. 54,650. (No model.)

To all whom it may concern:

Be it known that I, ADAM S. HORLACHER, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented new and useful Improvements in Fringe-Applying Apparatus, of which the following is a specification.

My invention relates to a new and useful apparatus by means of which fringe is applied to the ends of rugs and the length of said fringe is gaged, as will be hereinafter set forth, and particularly pointed out in the claims.

The objects of my invention are to provide a means whereby the length of the fringe threads or strands to be applied or stitched to the ends of rugs may be gaged and cut to a fixed and uniform length and also to provide a means for clamping and retaining said rug in position in said apparatus while applying the fringe thereto and stretching the same. I attain these objects by means of the apparatus illustrated in the accompanying drawings, in which similar numerals of reference designate like parts throughout the several views.

Figure 1 is a broken-off front elevational view of the apparatus. Fig. 2 is a plan view of the same; and Fig. 3 is a sectional view of the apparatus, taken through the line A B. (See Figs. 1 and 2.)

A stretcher or back board 1 has the longitudinally-extending gage-bar 2 permanently secured to its face and flush with the top edge thereof. A longitudinally-extending clamping-bar 3 is adjustably secured and held with its clamping-face directly over the top edge of the stretcher-board 1 and the edge of the gage-bar 2 by the clamping-screws 4, and between said bars 2 and 3 the end of the rug 5 to which the fringe is to be applied is clamped and held with its edge or end projecting beyond said bars a distance sufficient to sew or stitch the strands composing the fringe to the said end of the rug 5.

The gage-pins 6 are preferably constructed of wood and are turned round and formed with the spherical heads 7, and said pins are arranged in a longitudinal row and securely driven in their receiving or pin holes formed in the face of the pin-bar 8, and which holes are pitched or placed a distance apart corresponding and in alinement with the gage-marks 9 of the top gage-bar 2 and the clamping-bar 3.

The gage-bar 8 is adjustably secured to the stretcher or back board 1 by the clamping-screws 10, which latter pass through the slots 11, formed in said board 1. A supporting-board 12 is secured on the back of the stretcher-board 1 and is reinforced by suitable corner-brackets 13, and said board is provided for the purpose of forming a supporting means whereby said stretcher-board is supported vertically when said supporting-board 12 rests on a table or other suitable supporting means, to which it is secured by screws or spikes driven into the said table.

In order to practice my invention, I first clamp the end of the rug 5 to which the fringe is to be applied between the bars 2 and 3 by their clamping-screws 4, allowing a sufficient margin of the end of said rug 5 to project beyond the said clamping-bars to permit the knotting or stitching of the strands of which the fringe is composed being applied thereto. The gage-pins 6 are now set at the required distance from the bar 2, which distance determines the length of the strands of the fringe, by adjusting the bar 8 nearer to or farther from and parallel with said bar 2, according as a shorter or longer length of fringe is required. I next employ a needle of the proper size and coarseness for the purpose, which is threaded with the cord, yarn, or other material of the desired color and quality, and the said cord or yarn may be doubled, trebled, or more to form a single strand. These strands or threads are first stitched in the projecting margin of the end of the rug 5, commencing at either end thereof and passing the strand 13 around the first pin 6, then returning to the margin of the rug 5 and again stitching said strand to the said projecting margin of the rug 5 at a point intermediate between the gage-marks 9, then to and around the second or next gage-pin 6, and similarly the process is continued till the end or opposite corner of the rug 5 is reached. The threads or strands 13 are now cut close to the gage-pins 6, and said strands are knotted, plaited, or otherwise worked upon to produce an ornamental fringe.

Having thus fully described this my inven-

tion, what I claim as new and useful, and desire to cover by Letters Patent of the United States therefor, is—

1. A fringe gaging and applying apparatus composed of a stretcher-board, a top longitudinally-extending gage-bar on one side or face of said stretcher-board, a pin-bar adjustably secured to the face of said stretcher-board and means for clamping the rug to said gage-bar.

2. A fringe gage and applying apparatus composed of a stretcher-board, a top longitudinally-extending gage-bar on one side of said stretcher-board, a top clamping-bar, and a lower pin-bar adjustably secured on the face of said stretcher-board.

3. In a fringe gaging and clamping apparatus, the combination with a stretcher-board, a gage-bar extending longitudinally along the top edge of said stretcher-board, and a top clamping-bar, of a lower pin-carrying bar situated below said gage-bar and adjustably secured to the face of said stretcher-board, and a series of pins arranged in a horizontal row along the face of said pin-bar.

4. In a fringe gaging and applying apparatus, the combination with a stretcher-board, a gage-bar permanently secured on the face of said stretcher-board and having its top edge flush with the top edge of said stretcher-board, said bar graduated along its face and a top longitudinally-extending clamping-bar situated above said gage-bar and having its face graduated to correspond with the graduations of said gage-bar, of a pin-bar a series of pins arranged in a longitudinally-extending horizontal row along the face of said pin-bar, said pins pitched or divided to correspond with the graduations of said gage-bar, and means for adjustably securing said pin-bar to said stretcher-board whereby said pin-bar may be moved nearer to or farther from said gage-bar and whereby said pins may be maintained in alinement with the graduations of said gage-bar, all substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ADAM S. HORLACHER.

Witnesses:
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