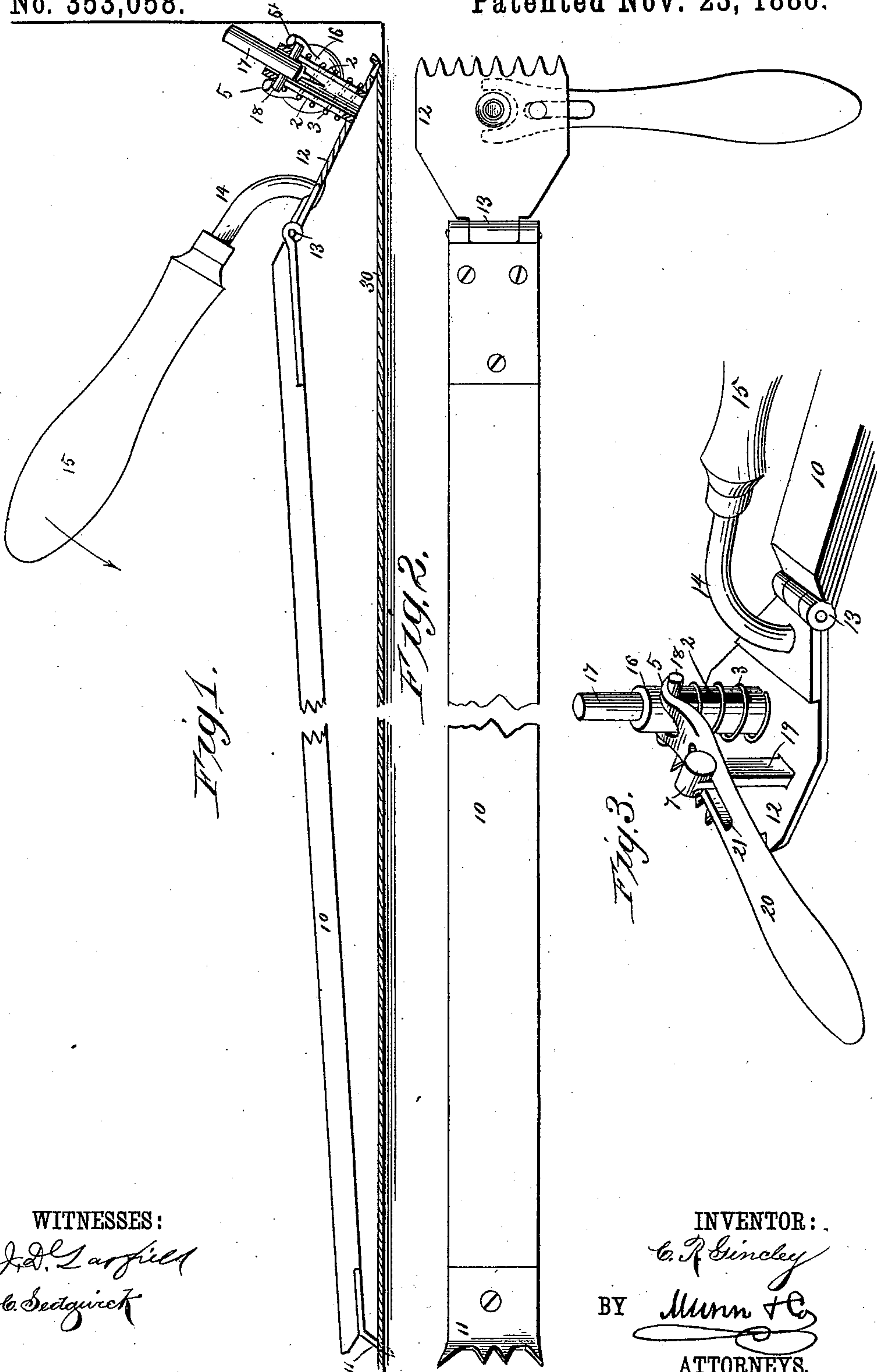


(No Model.)

C. R. GINCLEY.
CARPET STRETCHER.

No. 353,058.

Patented Nov. 23, 1886.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES R. GINCLEY, OF WEST CHESTER, PENNSYLVANIA.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 353,058, dated November 23, 1886.

Application filed September 1, 1886. Serial No. 212,409. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. GINCLEY, of West Chester, in the county of Chester and State of Pennsylvania, have invented a new and Improved Carpet Stretcher and Tacker, of which the following is a full, clear, and exact description.

My invention relates to the construction of an improved form of carpet stretcher and tacker, the object of the invention being to provide an implement whereby the carpet may be stretched to place and there held by a tack carried by a magnetized plunger that is arranged to be forced downward by a properly-mounted lever.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side view of my improved form of carpet-stretcher, the plunger, tube, and claw-plate being shown in section. Fig. 2 is an inverted plan view of the stretcher; and Fig. 3 is a perspective view of the claw-plate, its operating lever, and the lever arranged in connection with the plunger.

In constructing such a stretcher and tacker as the one illustrated in the drawings above referred to I provide a straight rod or bar, 10, to one end of which there is rigidly connected a claw-iron, 11, while to the other end there is connected a claw-plate, 12, the attachment between the bar 10 and the plate 12 being brought about by means of a hinge, 13. To the plate 12 there is rigidly connected a lever arm, 14, that is preferably provided with a handle, 15, and arranged so that when the handle is thrown down toward the bar 10 the free end of the plate will be forced outward. A tube, 16, that is formed with slots 2, is rigidly connected to the upper side of the plate 12, and within this tube there is mounted a magnetized bar or plunger, 17, said bar being provided with a cross-bar, 18, which extends through the slots 2, the bar 17 being normally upheld, as represented in Fig. 1, by a spiral spring, 3.

A standard, 19, is arranged at one side of the tube 16, and upon this standard there is loosely mounted a lever, 20, the standard passing through a slot, 21, formed in said lever. This lever 20 is formed with a bifurcated hooked end, the hooks 5 engaging with the cross-bar 18 of the magnetized bar 17, as best shown in Fig. 3. The upper end of the standard 19 consists of a knob, 7, the parts being arranged as clearly illustrated in Fig. 3 of the drawings.

In operation, in order that a carpet may be stretched to place by a stretcher such as the one above described, the stretcher is adjusted to about the position in which it is shown in Fig. 1. The lever 14 is then forced downward in the direction of the arrow shown in connection therewith, and the carpet 30 is carried up to the base-board, a tack having been previously inserted in the tube 16, there to be held by the magnetized plunger 17. After the carpet has been stretched to place the lever 20 is grasped and raised, which movement of the lever will carry the plunger 17 downward and force the tack through the carpet and into the floor.

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

In a carpet-stretcher, the combination, with a bar, 10, carrying a claw-iron, 11, of a claw-plate, 12, hinged to the bar, a lever carried by the claw-plate, a slotted tube connected thereto, a magnetized plunger mounted in the tube, a cross-bar, 18, carried by the plunger, a standard, 19, formed with a knob, 7, secured to the plate 12, and a slotted lever, 20, formed with hooks 5, said lever being mounted on the standard 19, and arranged so that its hooks 5 will engage with the cross-bar 18, substantially as described.

CHARLES R. GINCLEY.

Witnesses:

THOS. MERCER,
R. P. NIELDS.