

(No Model.)

W. O. HOGUE.
Carpet Stretcher.

No. 231,167.

Patented Aug. 17, 1880.

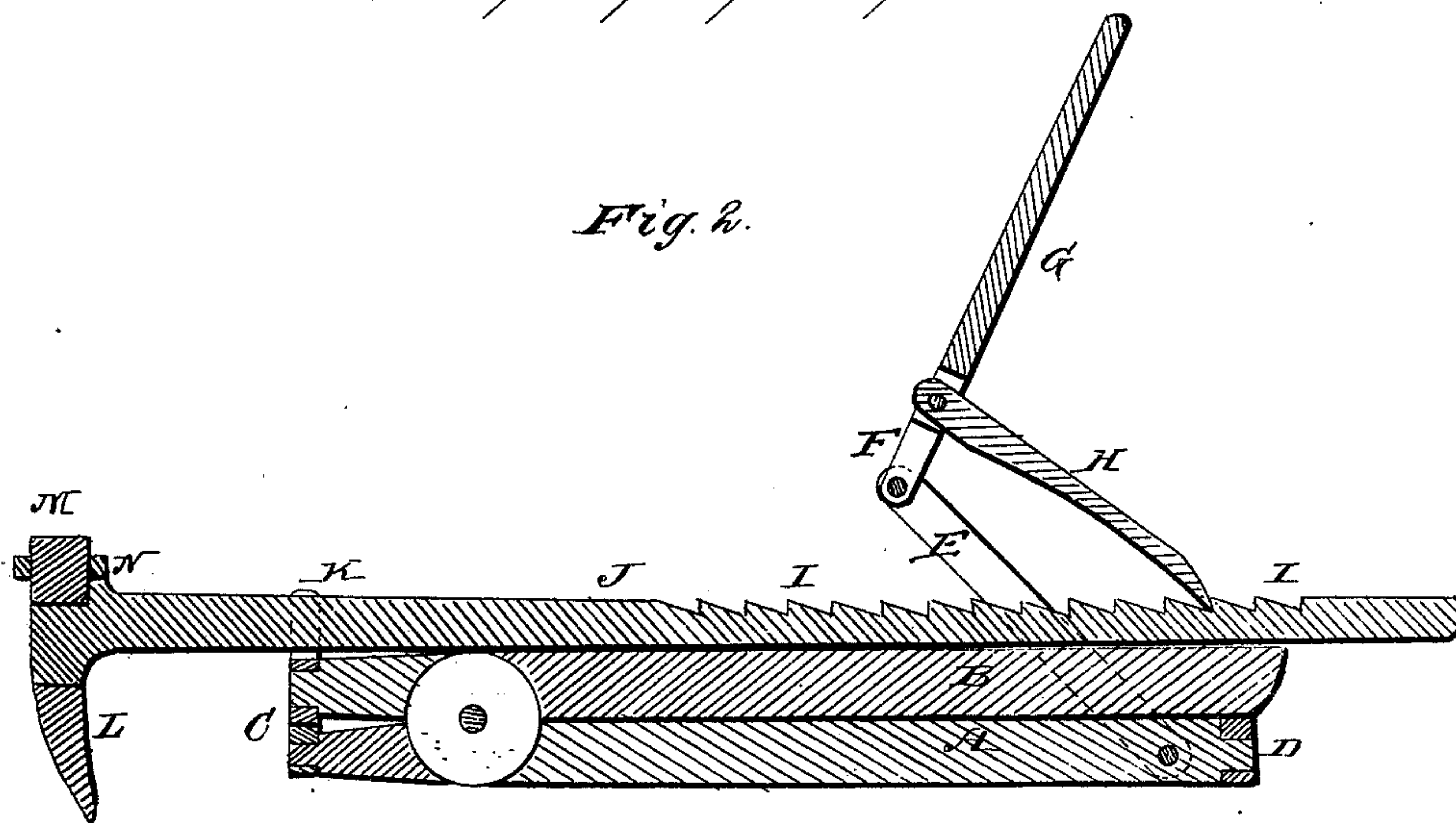
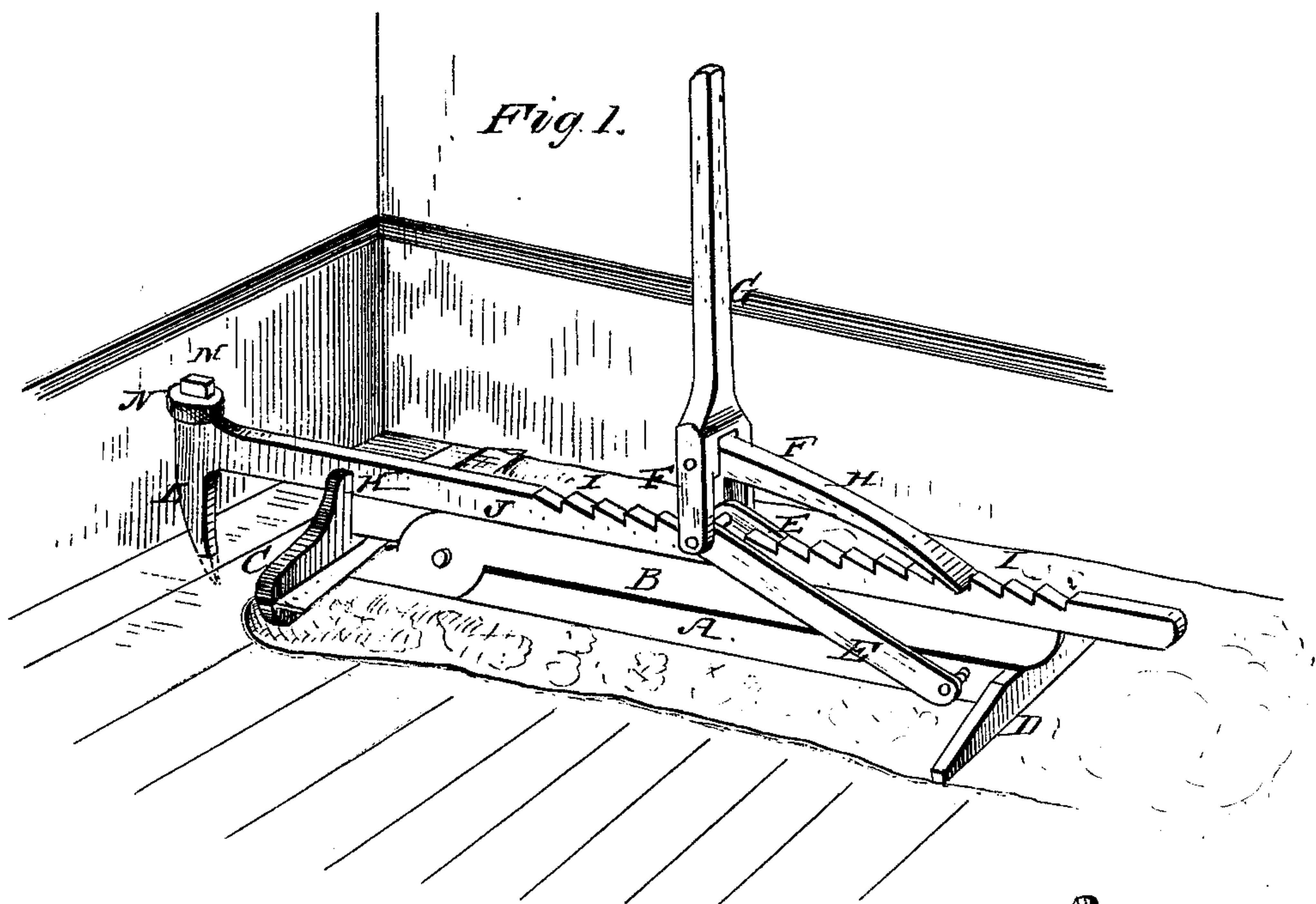
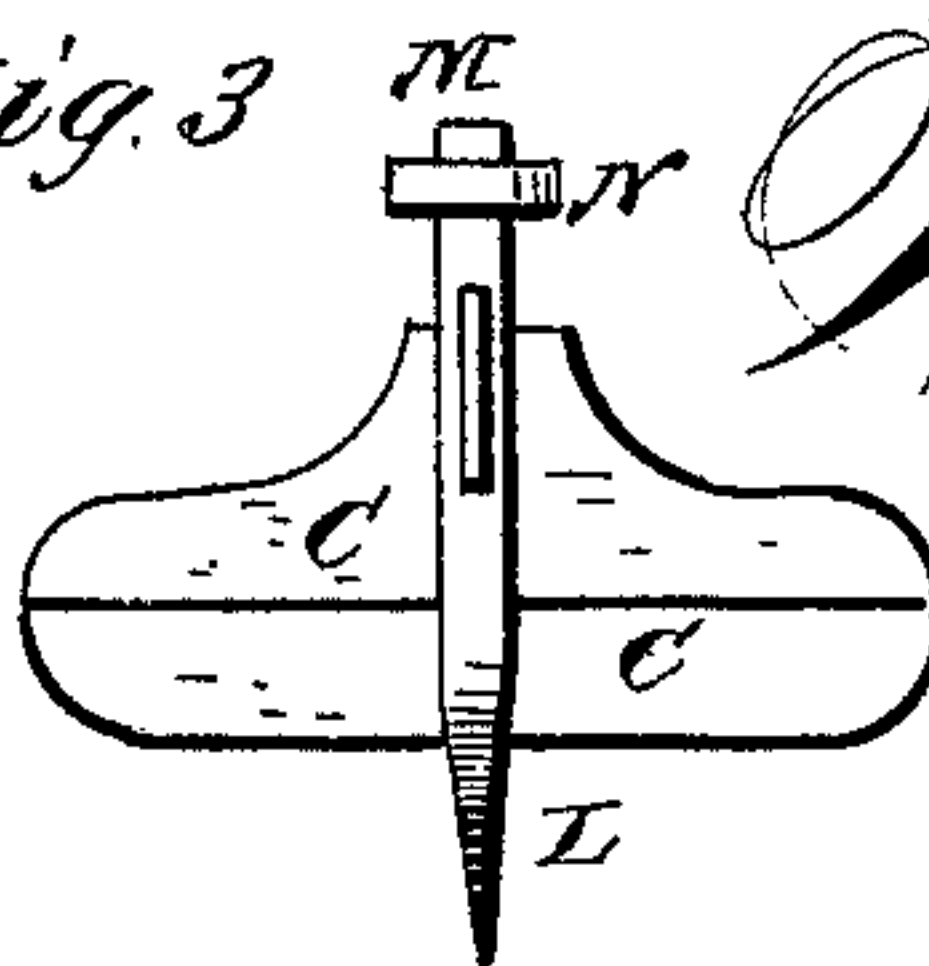


Fig. 3



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UNITED STATES PATENT OFFICE.

WILLIAM O. HOGUE, OF COLUMBUS, INDIANA.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 231,167, dated August 17, 1880.

Application filed July 7, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM O. HOGUE, of Columbus, in the county of Bartholomew and State of Indiana, have invented certain new and useful Improvements in Carpet-Stretchers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a longitudinal sectional view, and Fig. 3 is a front end view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to carpet-stretchers; and it consists in certain improvements in the construction of the same, which will be hereinafter more fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A B represent a pair of tongs having broad nibs C, adapting them to catch and hold the edge of a carpet, the lower arm, A, being provided at its rear end with a foot-piece, D. Adjoining the latter, upon the sides of the arm A, are pivoted a pair of connecting-rods, E E, connecting the said arm with the prongs F of a forked lever, G. Between the arms or prongs F of lever G is pivoted a pawl or dog, H, engaging the teeth or ratchets I upon the upper side of a bar, J, sliding upon the upper side of the upper arm, B, of the tongs A B, between the connecting-rods E E, which serve to guide it in connection with a pair of guides, K K, formed upon the upper side of the nib C of arm A of the tongs.

At its front end the sliding ratchet-bar J is provided with a downward-projecting tooth, L, the upward-projecting shank of which, M, is equipped with a cushion or collar, N, of rubber or other suitable material.

From the foregoing description, and by reference to the drawings hereto annexed, the manner of using my invention will be readily apparent. The tooth of the sliding rack-bar is first driven into the floor adjoining the wash-board, injury to the painted or ornamented face of which is prevented by the cushion or

collar N. The edge of the carpet is then slightly turned up and clamped between the nibs of the tongs. The lever G is then operated, thus drawing the tongs, with the edge of the carpet, toward the wash-board, against which it may then easily be tacked.

To release the device it is only necessary to open the tongs and to draw the tooth L from the floor.

By means of this invention, which is simple, durable, and easily operated, a carpet may be easily and thoroughly stretched and held while being tacked.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, in a carpet-stretcher, of a pair of tongs, a longitudinally-sliding rack-bar having a tooth by which it may be secured to the floor, and a lever connected by pivoted rods with the lower arm of the tongs and having a pawl or dog engaging the rack-bar, as set forth.

2. In a carpet-stretcher, a pair of tongs the lower arm of which is provided with a transverse foot-piece at its rear end, as set forth, operating, in conjunction with the broad nibs of said tongs, to maintain the device in an upright position, as described.

3. In a carpet-stretcher, the combination, with a pair of tongs having broad nibs, the upper one of which is provided with upward projections or guides, of a longitudinally-sliding rack-bar adjusted between said guides, as set forth.

4. The combination of the tongs, connecting-rods, pawl-lever, and the rack-bar sliding between said connecting-rods and operated by said pawl-lever, as set forth.

5. The combination, in a carpet-stretcher, of a pair of tongs having broad nibs, the upper one of which is provided with upward projections or guides, a pair of connecting-rods pivoted to the lower arm of said tongs, a rack-bar sliding between the guides of the upper nib and the connecting-rods, and a pawl-lever pivoted between the connecting-rods and operating the rack-bar, as set forth.

6. The combination, in a carpet-stretcher, of a pair of tongs, a longitudinally-sliding rack-bar having a tooth the upward-projecting

shank of which is protected by a rubber cushion or collar, and mechanism for operating said rack-bar, as set forth.

7. In a carpet-stretcher, the combination, with a rack-bar adapted to be secured against the wash-board of a room, of a carpet-clamping device and mechanism for moving the latter toward the foot-board by engagement with the rack-bar, as set forth.

8. The herein-described improved carpet-stretcher, consisting, essentially, of a pair of tongs the lower arm of which is provided at its rear end with a transverse foot-piece and with pivoted connecting-rods, a forked lever pivoted to the upper ends of said connecting-rods, a rack-bar sliding between said connect-

ing-rods and between guides upon the upper nib of the tongs, and provided at its front end with a downward-projecting tooth the shank of which has a cushion or collar, and a pawl pivoted to the forked lever, so as to operate the rack-bar, all said parts being combined to cooperate substantially as herein described, for the purpose shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM O. HOGUE.

Witnesses:

FRANK O. HOGUE,

AUGUST F. HERZSCH.