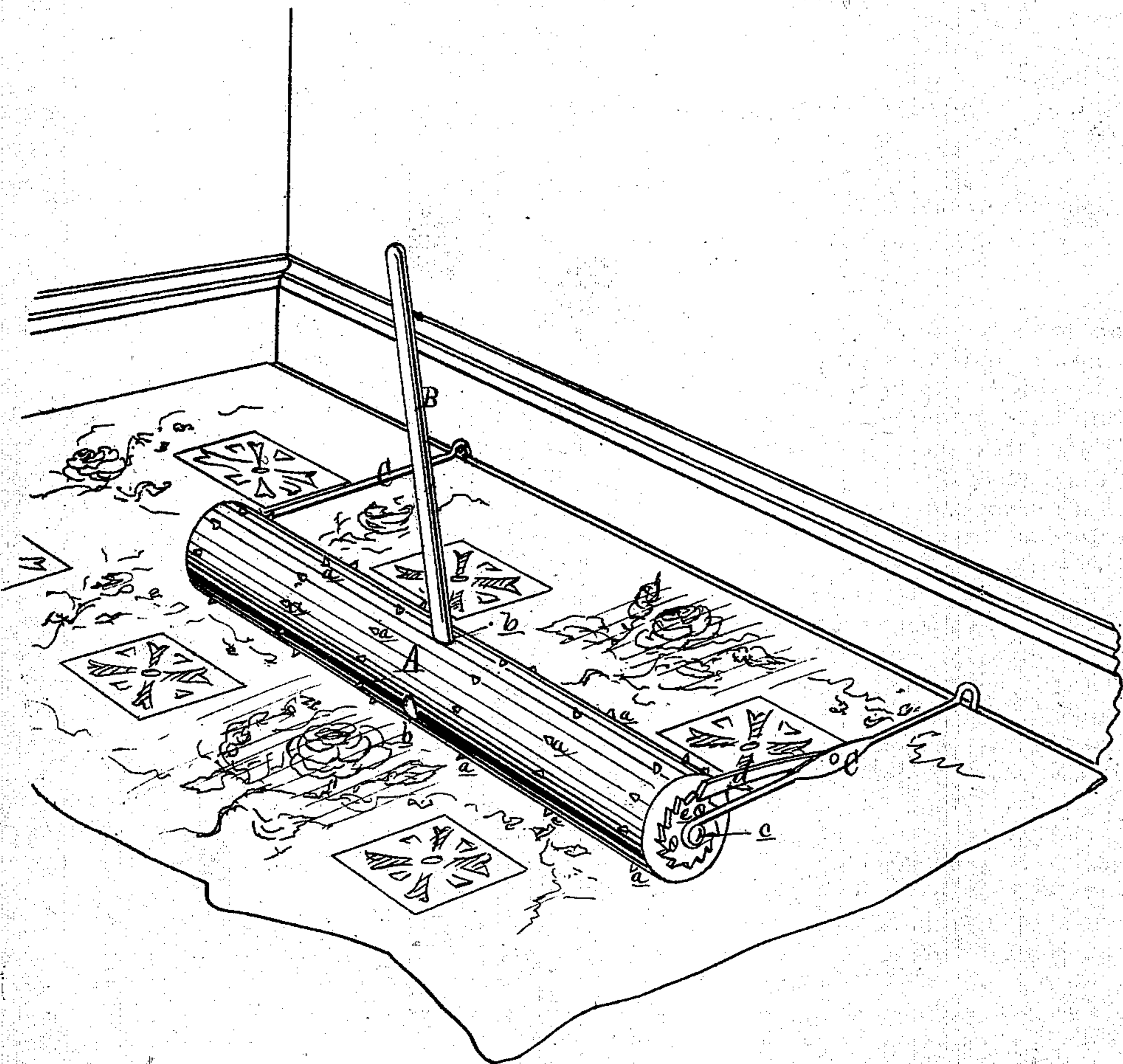


J. LUTHER.
Carpet-Stretchers.

No. 144,464.

Patented Nov. 11, 1873.



ATTEST:
N. O. Sprague
Ch. F. Clark

INVENTOR:
Jacob Luther
By Attorney—
Wm. S. Sprague

UNITED STATES PATENT OFFICE.

JACOB LUTHER, OF BUCHANAN, MICHIGAN, ASSIGNOR OF ONE-HALF HIS
RIGHT TO RICHARDS & FOX, OF SAME PLACE.

IMPROVEMENT IN CARPET-STRETCHERS.

Specification forming part of Letters Patent No. **144,464**, dated November 11, 1873; application filed
July 25, 1873.

To all whom it may concern:

Be it known that I, JACOB LUTHER, of Buchanan, in the county of Berrien and State of Michigan, have invented certain Improvements in Carpet-Stretchers, of which the following is a specification:

This invention has for its object to furnish a carpet-stretcher by means of which a considerable breadth may be stretched and held at once while being tacked down; and to this end it consists in a cylindrical roller armed with studs to engage with the fabric, and an axis at each end, with which engages a pair of hooked dogs adapted to be driven into the floor at the side of the room, one of the dogs having a pawl pivoted to it to engage with a ratchet on the end of the roller, to prevent it from turning back when a strain is got on the carpet by rotating the roller by a hand-spike inserted in one of the sockets in its middle.

In the accompanying perspective view, A represents a roller of wood or metal, provided with a series of studs, *a*, on its periphery, having also a series of sockets, *b*, for the reception of a lever, B. At each end is an axis, *c*, with which may engage the hook at the end of a metallic dog, C, whose other end is sharpened to drive into the floor close to the base-board. One of these dogs has pivoted to it a pawl, *d*,

which engages with a ratchet, *e*, on the end of the roller.

In operation, the carpet is spread on the floor and tacked down in one corner. At the next corner of the room the dogs are driven into the floor close to the base-board; the roller is then brought over and the hooks of the dogs sprung over the axes; the pawl is then engaged with the ratchet, and the lever inserted in one of the roller-sockets; then, by moving the lever in the direction of the arrow, the carpet will be stretched with great power, the ratchet preventing it from slacking back by arresting the reverse movement of the roller. In the full-size stretcher there is room between the roller and the wall for a person to stand or kneel while stretching; then step outside the roller and tack down the carpet, repeating the operation in the other corners of the room.

What I claim as my invention, and desire to secure by Letters Patent, is—

The carpet-stretcher described, consisting of the studded roller A, having handle B and ratchet *e*, in combination with dog C and pawl *d*, as described.

Witnesses:

JACOB LUTHER.

J. J. VAN RIPER,

L. P. ALEXANDER.