

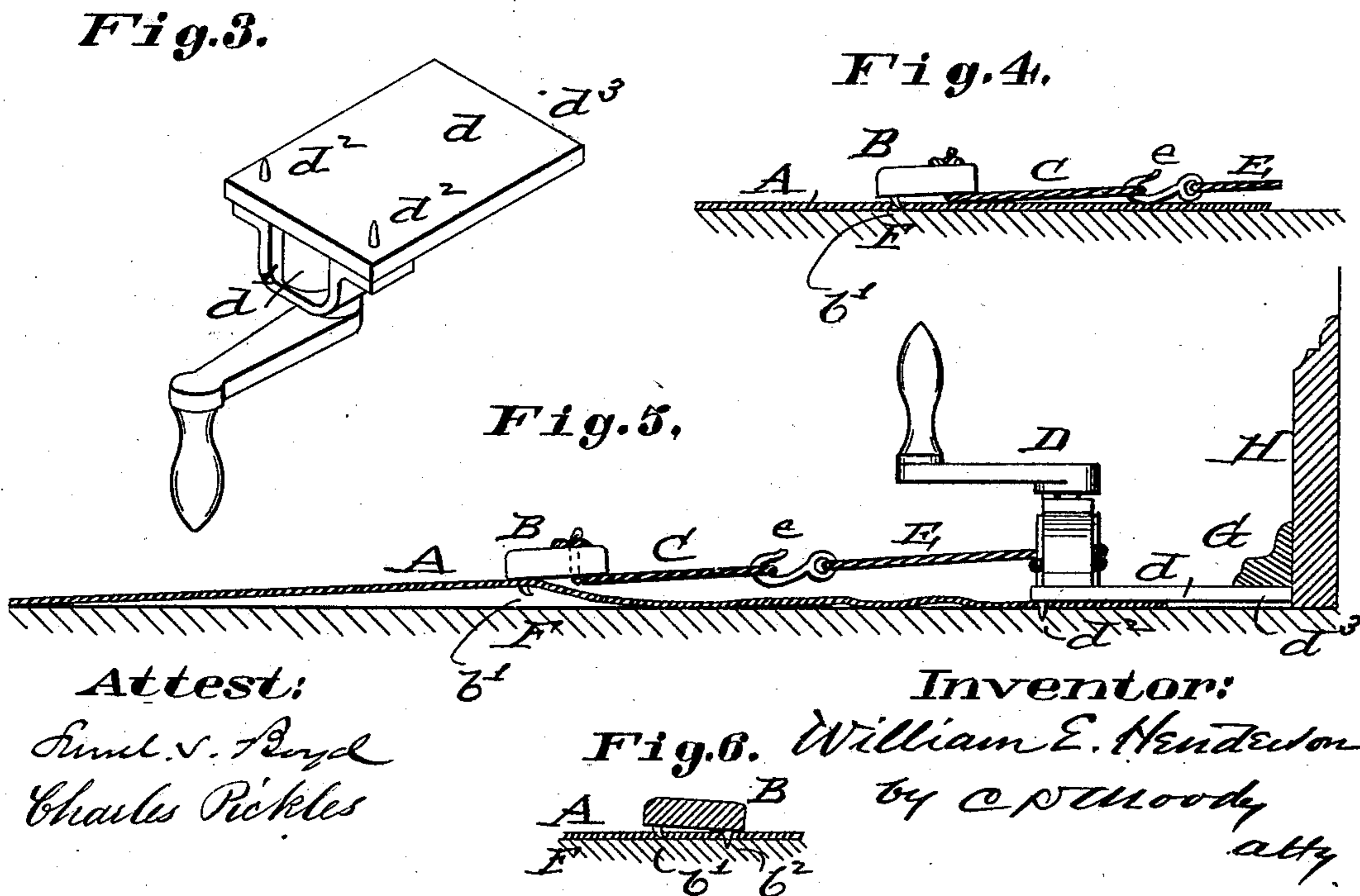
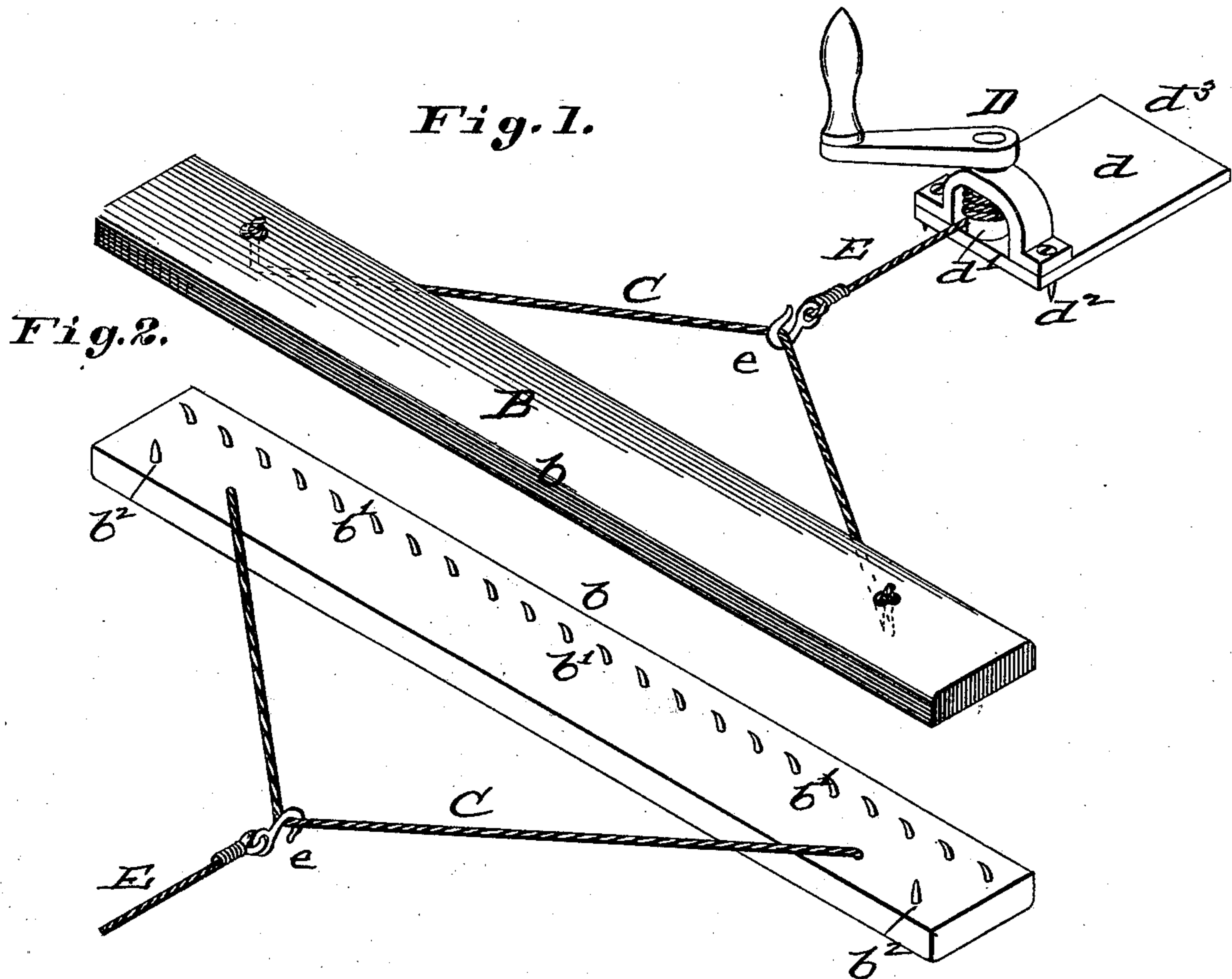
(No Model.)

W. E. HENDERSON.

CARPET STRETCHER.

No. 256,838.

Patented Apr. 25, 1882.



UNITED STATES PATENT OFFICE.

WILLIAM E. HENDERSON, OF IRON MOUNTAIN, MISSOURI.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 256,838, dated April 25, 1882.

Application filed December 20, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. HENDERSON, of Iron Mountain, Missouri, have made a new and useful Improvement in Carpet-Stretchers, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a view in perspective of the improved stretcher; Fig. 2, a view in perspective from the under side of the stretcher-plate; Fig. 3, a view in perspective, looking toward the under side of the crab; Fig. 4, a side elevation of the stretcher-plate as in use, the plate being pressed downward and the carpet being against the floor; Fig. 5, a sectional elevation, showing the stretcher as in use, the stretcher-plate and carpet being lifted from the floor; and Fig. 6, a detail.

The same letters denote the same parts.

In the drawings, A represents a carpet as being laid upon the floor F, and being stretched in the direction of the arrow in Fig. 5.

B represents what may be termed the "stretcher-plate." In its under side, and toward or at its rear edge, b , it has a series of teeth or points, b' , which are inclined or curved forward, as shown, and at or toward its forward edge it has the teeth or points b^2 .

C represents a cord attached to the plate B, and leading from the under side thereof.

D represents a crab having the base-plate d , the shaft d' at one end of the base-plate, and teeth or points d^2 in the under side of the base-plate. A cord, E, leads from the crab-shaft d' and connects with the cord C by means of the hook e .

In practice the plate B is connected with the carpet A by means of the teeth b' . The crab is fixed in front of the plate by inserting the teeth d^2 in the floor F and holding the end d^3 of the base-plate d down, and either by inserting the end d^3 under the strip G or by placing the foot upon it, and the cords E and C hooked together. Then by winding the cord E on the crab-shaft the parts are drawn into the position shown in Fig. 5, the carpet being lifted slightly from the floor F and stretched in the desired direction. If the carpet needs a second stretching, the plate B is fixed and the carpet prevented from slipping back by pressing the forward edge of the plate down, so as to fix the points b^2 in the floor, as shown in Fig. 4. When this is done the crab is moved and readjusted and the stretching operation repeated. The strip G is attached to the wall or wall-board H.

I claim—

1. The combination of the stretcher-plate B, having the teeth b' , the cord C, the crab D, and the cord E, substantially as described.

2. The combination of the plate B, teeth b' , b^2 , the cords C E, and the crab D, substantially as described.

3. The combination of the plate B, teeth b' , b^2 , the cords C E, and the crab D, having the teeth d^2 and the extended plate d , substantially as described.

Witness my hand.

WILLIAM E. HENDERSON.

Witnesses:

CHAS. D. MOODY,
SAML. S. BOYD.