

R. W. WALKER.
CARPET FASTENER.

No. 102,185.

Patented Apr. 19, 1870.

Fig. 1

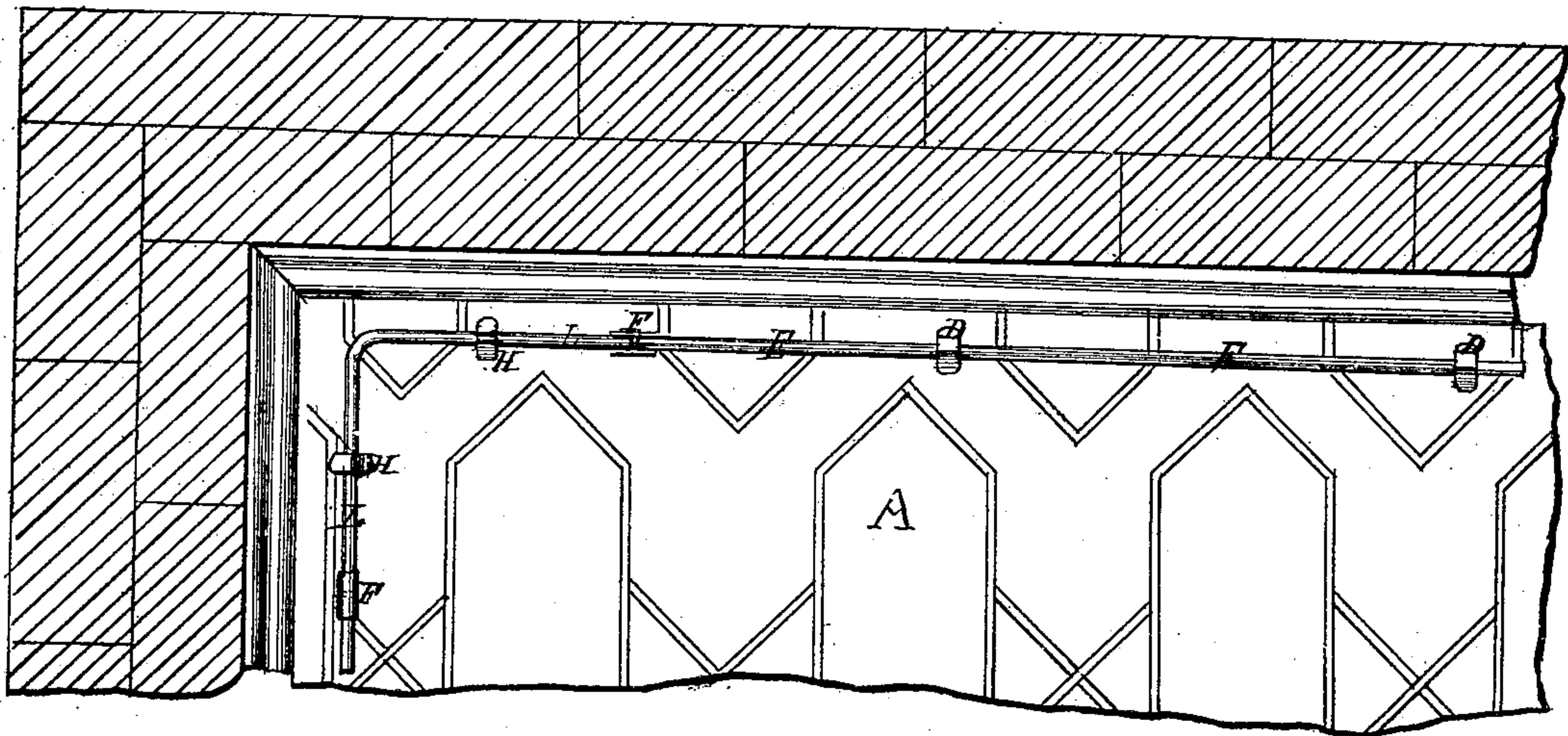


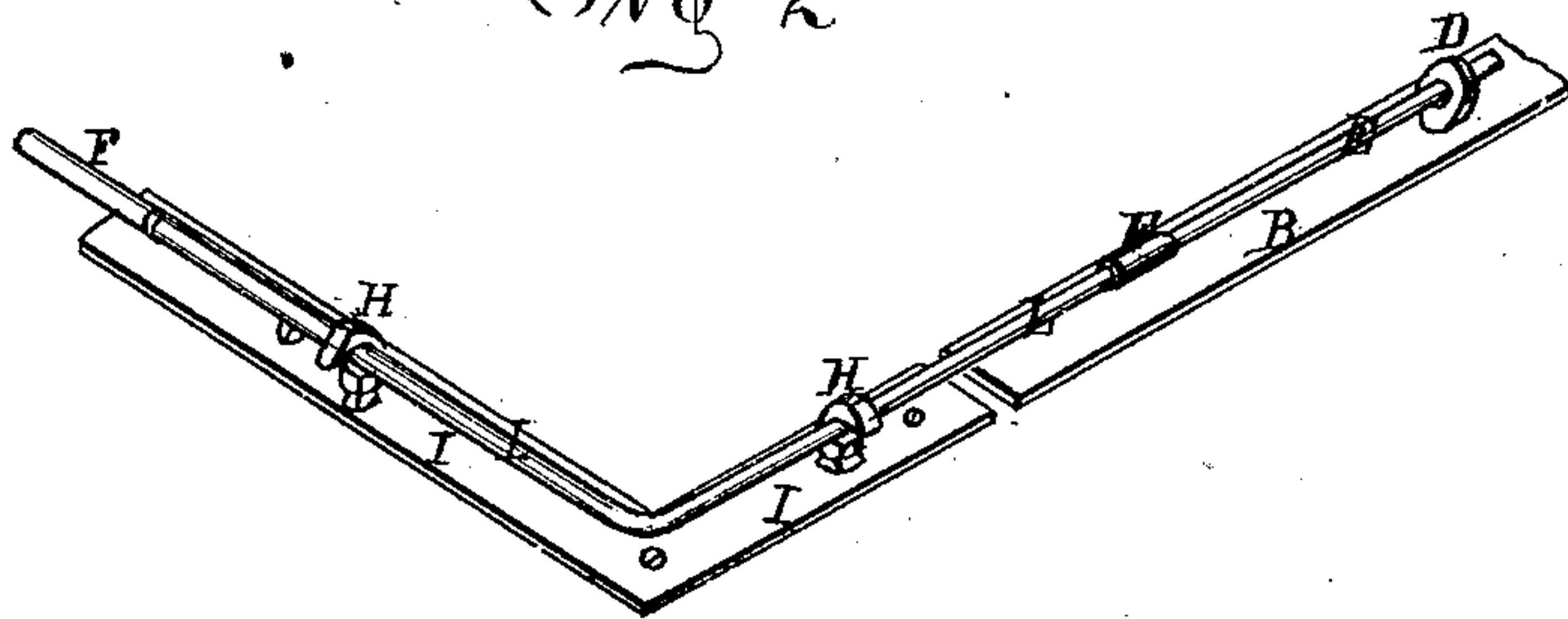
Fig 3



Fig 4



Fig 2



Witnesses.
James Selden,
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by

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REDFORD W. WALKER, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 102,185, dated April 19, 1870.

IMPROVED CARPET-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, REDFORD W. WALKER, of the city of Washington, in the District of Columbia, have invented a new and useful Improvement in Carpet-Fasteners, of which the following is a specification, reference being had to the accompanying drawings.

Nature and Objects of the Invention.

The invention relates to that class of carpet-fasteners by means of which the edges of the carpet are attached to the floor by rods passing through the loops or eyes in the heads of pointed projections secured to a strip fastened to the floor.

The object is to dispense with the use of tacks and other usual means of putting down carpets, and allow the same to be put down or taken up with rapidity.

Description of the Accompanying Drawings.

Figure 1 is a plan view of the invention, showing the side and corner rods joined.

Figure 2 is a perspective view of the invention, showing the relation of the side and corner-plates and rods.

Figure 3 is a vertical section of the staple H, rod L, and carpet.

Figure 4 is a vertical section of the staple D, same as fig. 3.

General Description.

A in the accompanying drawings represents the floor.

B, the strip which is securely attached to the floor by means of screws, tacks, or other reliable appliances.

D are ring-screws or staples, the upper half of which are conical and point upward, the lower half conical and point downward to where the lower part is jointed to the shaft or pin, which is securely attached to the strip B.

The center of the upper part is provided with an aperture to receive the bar or rod E.

The attachments to the floor should be from one to two feet apart. The ring-staples D should be from six to twelve inches apart, according to the weight and thickness of the carpet, heavy carpet requiring more than light.

The rods E pass through the apertures in the ring-staples D, their junctions being covered by an open sleeve, of metal, F, of about the same diameter as that of the rods E, sufficiently large to fit tightly over the rods E.

The operation of the invention is as follows, viz:

Affix the strip B, with the ring-staples D above, to the floor, at a proper distance from the wash-boards. Turn the edge of the carpet under and force the staples D through both thicknesses. Place the sleeve F upon the rods, so that it will be on that side of the staple D where the rods will join. Pass the rod over the carpet and through the apertures in the staples. Place the sleeves F so as to cover the junctions of the rods, and the carpet will be securely attached to the floor.

To attach the carpet at the corners of the room, turn its edges under, as before, and force it down over the upper part of the staple H, which is similar to D in all respects except that they have a horizontal opening to admit the bar or rod to the aperture in the staple.

These staples are affixed, one on or near each end of a plate, I, the lateral angle of which conforms to the corner in which it is to be used, and is secured to the floor at the same distance from the washboards as the strips B on the floor of the sides adjacent to the corner.

A rod, L, in diameter similar to the rod E, is then bent to conform to the angle of the corner-plate, and is provided on each end with sleeves F. It is now slipped into the apertures in the staples H, over the carpet, and, the sleeves being placed so as to cover the junctions of the side with the corner rods, the operation is complete.

To take up the carpet, move the sleeves F clear of the joints on all the rods, slip the corner rods from and draw the side rods through the apertures in the staples, and force the carpet up over the same.

Claims.

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

1. The strip B, with the pointed staples D securely attached thereto, in combination with the rods E and sleeves F, substantially as herein shown and described.

2. The angular corner strip I, with the slotted pointed staples H rigidly secured thereto, in combination with the bent corner rod L, arranged and operated substantially as herein shown and described.

In testimony that I claim the foregoing improvement in carpet-fasteners, as above described, I have hereunto set my hand and seal, this day of

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REDFORD W. WALKER. [L. S.]

Witnesses:

EDM. F. BROWN,

JAMES F. TUCKER.