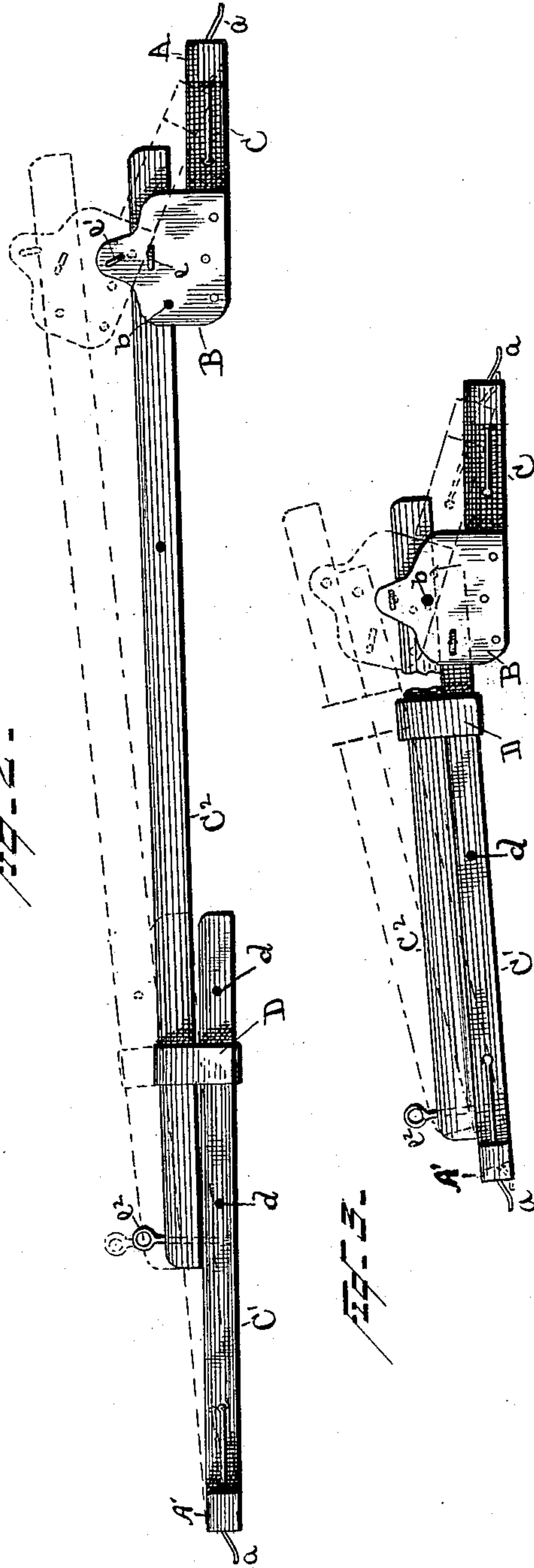
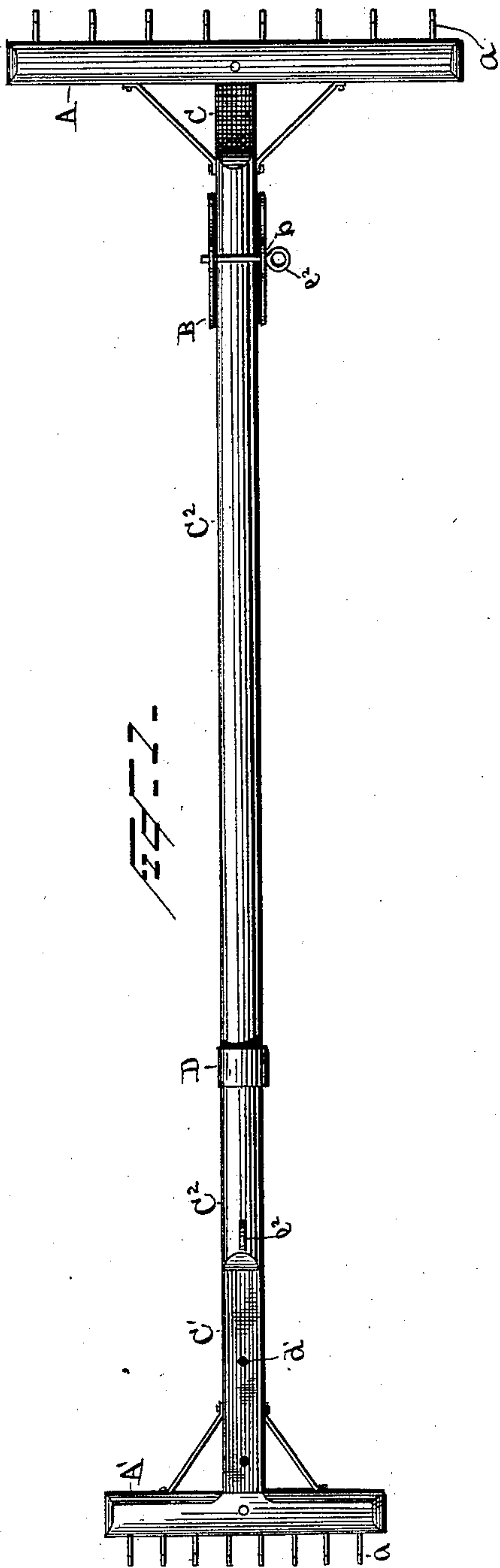


(No Model.)

B. MANNING.  
CARPET STRETCHER.

No. 384,456.

Patented June 12, 1888.



WITNESSES.

James A. Clark.  
Van Buren Hillyard.

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# UNITED STATES PATENT OFFICE.

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EDWARD D. MANNING, OF CHICAGO, ILLINOIS, AND J. FINK STRAYER,  
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## CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 384,456, dated June 12, 1888.

Application filed February 3, 1888. Serial No. 262,893. (No model.)

*To all whom it may concern:*

Be it known that I, BRADLEY MANNING, a citizen of the United States, residing at Swanton, in the county of Fulton and State of Ohio, have invented certain new and useful Improvements in Carpet-Stretchers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to carpet-stretchers, and has for its object the production of a device for the purpose which will be simple, durable, compact, light, and readily adjustable to any sized room.

The device is designed to be braced at one end, either by resting against the sub-base or by engaging with one edge of the carpet, and the other end is engaged with the carpet. The rod connecting the two ends, or head and foot of the device, is hinged. Now, by partially closing the hinge the head and foot are brought closer together. In this position the foot is braced and the head is engaged with the carpet, and by opening the hinge, which is accomplished by pressing down on the rod, the head and foot are separated or moved farther apart and stretch the carpet.

The principal feature of my invention relates to the devices for pivotally connecting the parts of the rod which connects the head and foot, and for limiting the movement of the said parts when the device is properly adjusted, which will be more fully hereinafter described and claimed, and shown in the accompanying drawings, in which—

Figure 1 is a top plan view of a carpet-stretcher of my invention, showing it lengthened out; Fig. 2, a side view of the stretcher, showing its operation by dotted lines; and Fig. 3, a side view of the device, showing it shortened.

The carpet-stretcher is composed of a head, A, foot A', and an intermediate rod connecting the head and foot, comprising two or more parts or sections, C C' C'', having a hinge-

joint between two of the parts or sections. The part or section C is provided with the head A on one end, which is a cross-bar suitably braced and having teeth *a* to engage with the carpet, and at its other end with plates B, which are secured to the sides thereof and extend upward some considerable distance and have coincident openings *b* to receive the pin *e*, which pivotally connects said section C with the adjacent section, and the stop-pin *e'*, which limits the upward movement of the sections, as shown by dotted lines in Fig. 2. The part or section C' has the foot A' at one end and the clip D near its other end to receive one end of the lengthening-section C'', and is provided with a series of horizontal openings, *d*, to adjustably connect it with B when the intermediate section, C'', is dispensed with, and vertical openings *d'* to receive the pin *e''*, which adjustably connects C'' therewith.

The extension piece or section C'' is used only for lengthening the stretcher, as shown most clearly by Fig. 1, and may be dispensed with, as shown by Fig. 3.

When the stretcher is adjusted to the requisite length, the pin *e* is passed through the plates B and the section embraced between the plates B, and forms the pivotal connection between C and the adjacent section, whether C'' or C'. The upward movement of the sections is limited by the stop-pin *e'*.

When desired to stretch only one edge of a carpet, the foot is placed against the sub-base and the head is engaged with the carpet; but for stretching both edges of the carpet the head and foot are each engaged with the opposite edges of the carpet.

To operate the device the sections are tipped up, as shown by dotted lines in Fig. 2, and the head and foot are engaged with the carpet. Now, by bearing down on the sections they will straighten out, as shown by full lines in said Fig. 2, and stretch the carpet, as will be readily appreciated.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The herein-described carpet-stretcher, composed of the head and foot sections, C and C', the plates B, secured to the head-section



and having a series of coincident openings at different levels, the section C<sup>2</sup>, having a series of horizontal openings at one end and vertical openings at its other end, the pivot-pin *e*, the stop-pin *e'*, the clip *d*, and the pin *e''*, for adjustably connecting the sections C' and C<sup>2</sup> together, substantially as specified.

2. The combination, with the head having the section C and the foot having the section C',

of the plates B, the pivot-pin *e*, and the stop-pin *e'*, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

BRADLEY MANNING.

Witnesses:

J. B. DUNNING,

BOYD C. LACY.