

J. CRAWSHAW, Jr.
Show-Rack for Carpets.

No. 166,345.

Patented Aug. 3, 1875.

FIG. 1.

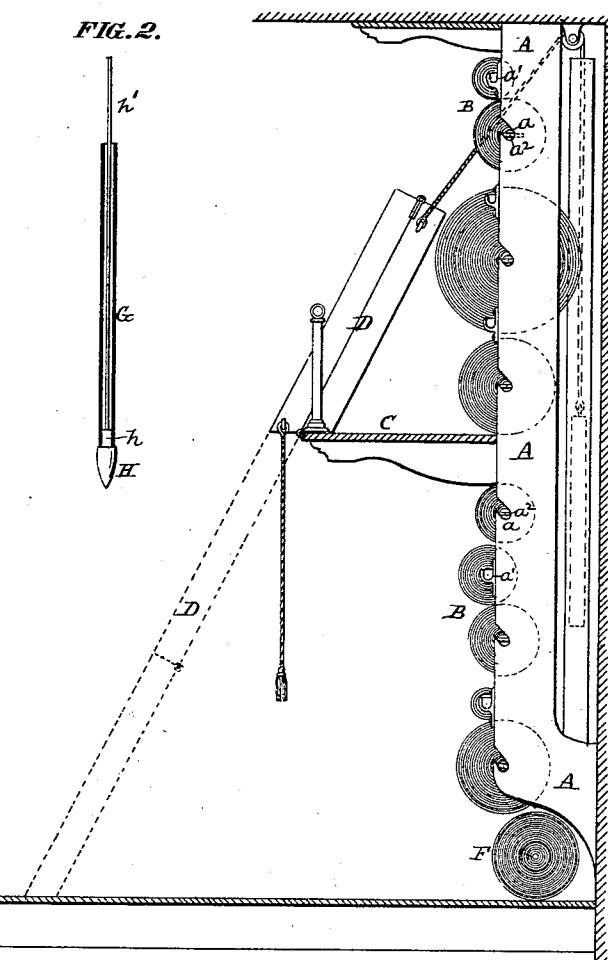


FIG. 3.

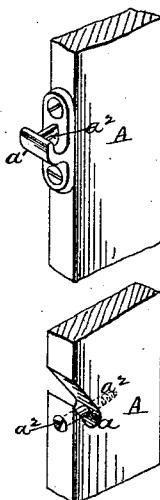
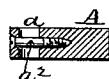


FIG. 4.



ATTEST:

Robt Burns.
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INVENTOR:

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Joseph Branshaw Jr.
By Knight Bro.
Attest.

UNITED STATES PATENT OFFICE.

JOSEPH CRAWSHAW, JR., OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN SHOW-RACKS FOR CARPETS.

Specification forming part of Letters Patent No. **166,345**, dated August 3, 1875; application filed June 7, 1875.

To all whom it may concern:

Be it known that I, JOSEPH CRAWSHAW, Jr., of St. Louis, St. Louis county, Missouri, have invented a certain Improved Show-Rack for Carpets, &c., of which the following is a specification:

This invention relates to the arrangement of a series of vertical posts or bracket-pieces against the walls of the store in which rolls of carpet having central gudgeons are supported, so as to enable the ready inspection of the carpet by simply drawing out or unrolling its free end. The carpet is again rolled up by turning the roll by hand.

This invention consists, first, in vertical posts having bearings for gudgeons of rolls of carpets, combined with a balcony; second, in the construction of the gudgeon-shaft to admit of its application by forcing it axially through the roll of carpet. In this the gudgeon, which is hollow, is provided at one end with a removable point, to which is attached a wire passing up through the gudgeon so as to be held by the operator, so that, in case the conical point becomes caught in the carpet and cannot be forced any farther, it can be withdrawn by the wire after the gudgeon-pipe has been drawn out.

In the drawings, Figure 1 is a sectional elevation. Fig. 2 is a section of the gudgeon. Fig. 3 is a detail perspective view of the bracket or post. Fig. 4 is a section through the post or bracket.

A is a series of vertical posts or brackets arranged against the walls of a carpet store-room. These posts are formed with bearings $a\ a'$, which may be cut into the posts, as shown at a , or be in the form of brackets, as shown at a' . In either case the bearings are divided by a central web or pin, a^2 , so as to prevent any end movement of the gudgeons of the contiguous rolls of carpets B, which are supported in said bearing. The posts A extend

the whole height of the room; and to enable easy access to the top rolls of carpet I have arranged a balcony, C, at mid-height, having a suitable railing, over which the carpet to be shown may be let down. Access is gained to said balcony by hinged steps D, which are properly counterpoised, and which may be folded up out of the way, as shown, when not required for use. The position of the steps when down is shown in dotted lines. At their lower ends the posts A are cut away, so as to form a recess against the wall for the reception of a roll of oil-cloth, F, as shown. G is the hollow gudgeon, by which the roll of carpet is supported in the bearings $a\ a'$. H is a conical plug having a reduced neck or shank, h , to which is attached a cord or wire, h' .

When it is required to pass the gudgeon G through the roll of carpet, the plug H is introduced into one end of the gudgeon G, with the wire h' passing up through said gudgeon, as shown in Fig. 2. The gudgeon is then pushed through the center of the roll of carpet, and should it accidentally become jammed in the carpet, so that it cannot be pushed any farther, the gudgeon is withdrawn, and then the conical plug H is pulled out by means of its wire h' .

I claim as my invention—

1. The vertical posts A, having bearings a for the gudgeons of rolls of carpet, in combination with the balcony C, as and for the purpose set forth.

2. The hollow gudgeon G, in combination with the removable conical point H, substantially as and for the purpose set forth.

3. The hollow gudgeon G, in combination with the conical point H, having reduced neck h , and wire or cord h' , as set forth.

JOSEPH CRAWSHAW, JR.

Witnesses:

SAML. KNIGHT,
ROBERT BURNS.