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Patented Oct. 8, 1901.

J. A. & T. J. QUIGLEY.

REVOLVING STAND FOR PAINTING SASHES, DOORS, BLINDS, &c.

(Application filed June 10, 1897.)

(No Model.)

Fig. 1.

Fig. 2.

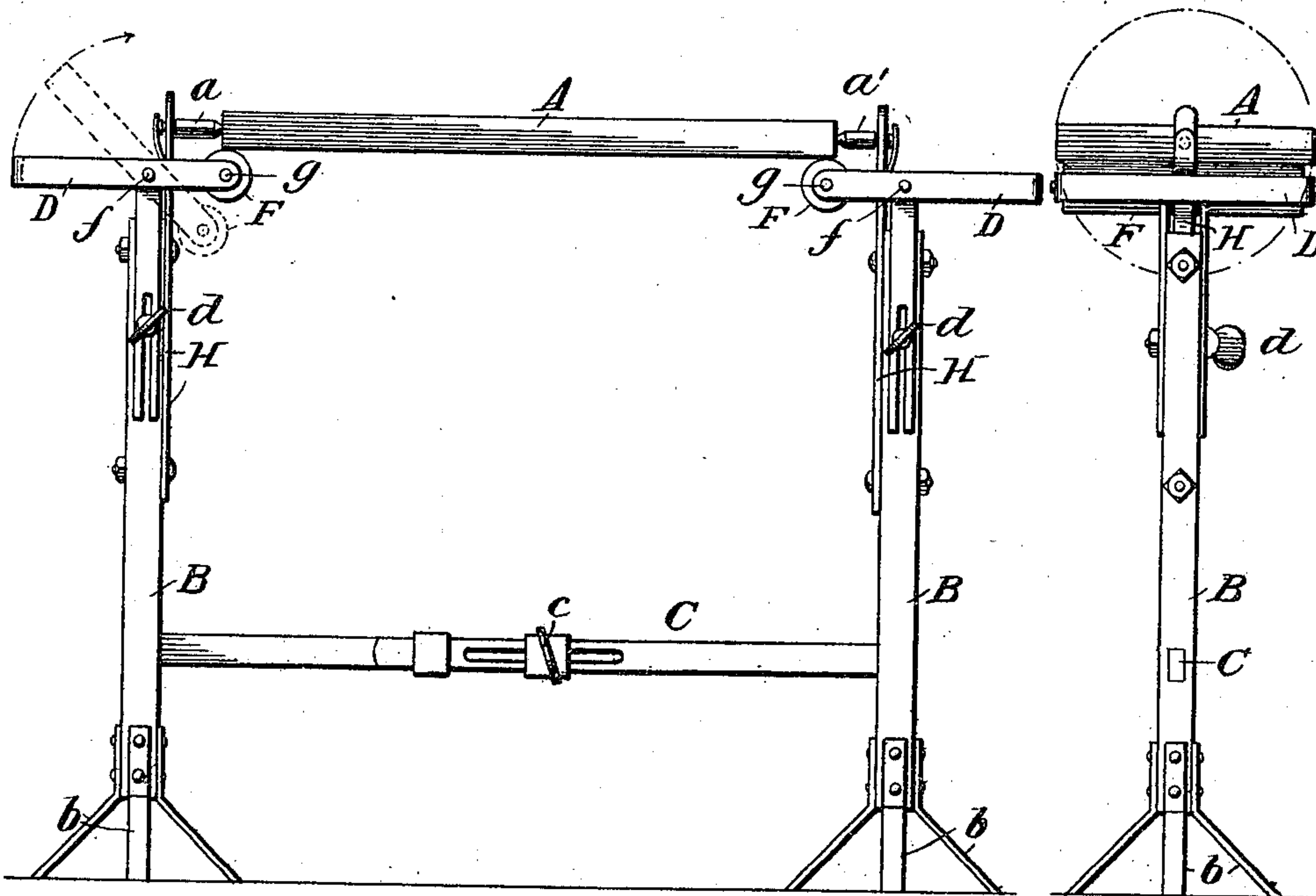
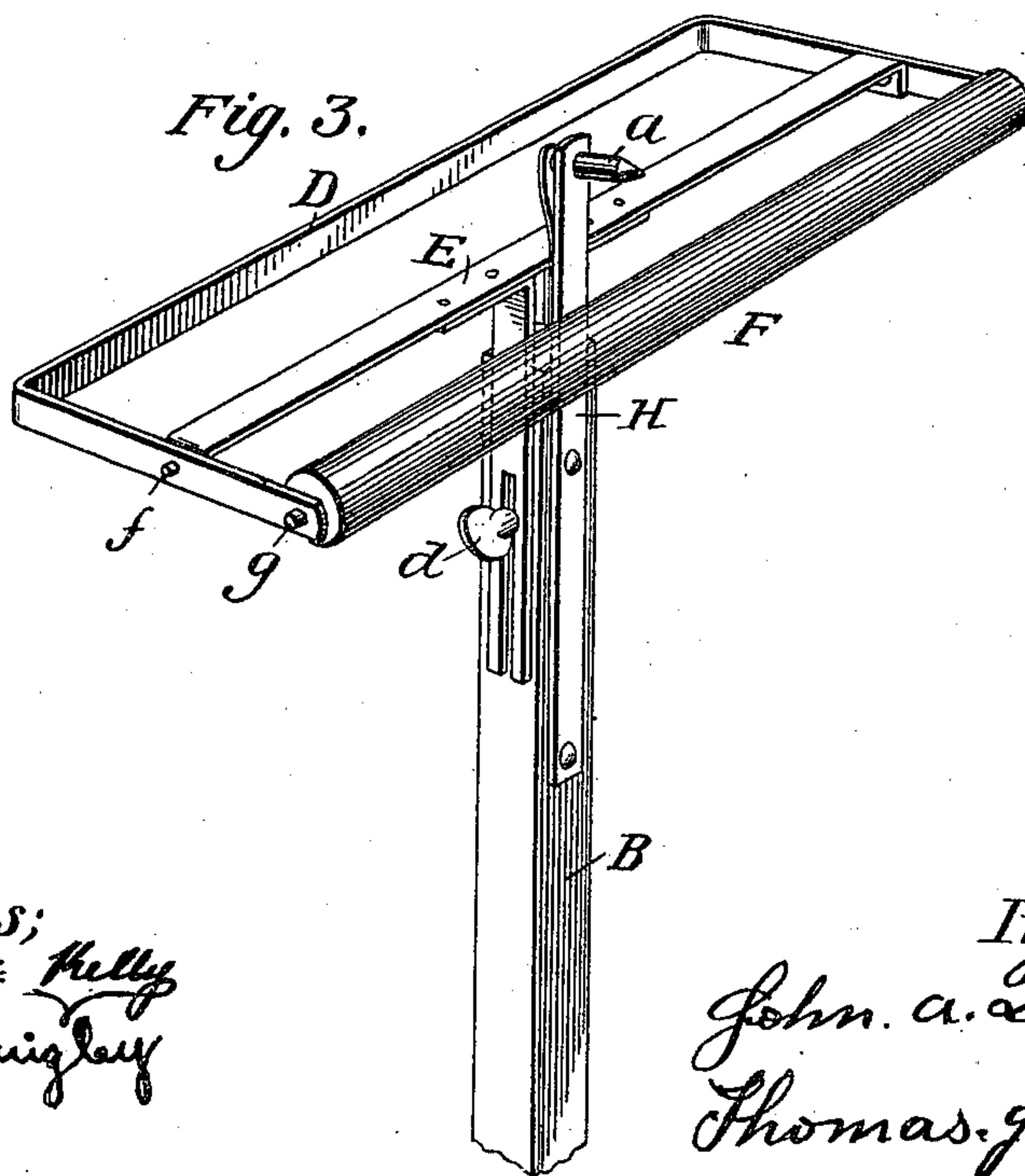


Fig. 3.



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REVOLVING STAND FOR PAINTING SASHES, DOORS, BLINDS, &c.

SPECIFICATION forming part of Letters Patent No. 684,097, dated October 8, 1901.

Application filed June 10, 1897. Serial No. 640,277. (No model.)

To all whom it may concern:

Be it known that we, JOHN A. QUIGLEY and THOMAS J. QUIGLEY, citizens of the United States, residing in the city of Brooklyn, Kings county, State of New York, have invented a new and useful Improvement for the Painting of Sashes, Doors, Blinds, and other Articles to be Painted Without Handling While Painting, of which the following is a full, clear, exact, and concise description, reference being had to the accompanying drawings, in which similar letters refer to similar parts throughout the several views.

Our invention relates to a mechanical apparatus whereby window-sashes, doors, blinds, and other articles to be painted can be painted without handling while the painting is being done.

The object of our invention is to facilitate the painting of sashes, doors, blinds, or other articles by providing a mechanical apparatus with adjustable supports which can be quickly adjusted to fit any article, the supports being provided with pivots, which enable the article to turn without requiring to be lifted or turned. The article is placed between the pivots of the supports. These supports are provided with balance-frames, in each of which is a roller. These rollers balance the article and hold it firmly in position while it is being painted, the article being clearly exposed for painting. The advantage of the rollers is that they leave no finger-marks while changing the position of the article to be painted.

In the accompanying drawings, Figure 1 is a front view, and Fig. 2 an end view, of our apparatus; and Fig. 3, a perspective of one of its parts, the balance-frame.

The same letters refer to the same parts in all the figures.

A represents the sash, door, blind, or other article in position and ready for painting. Pivot A is attached to pivot-bar H. The same is adjusted to upright support B. The pivot *a'*, spring-pivot, is attached to upright support B by vertical spring, the same being part of pivot-bar H, each pivot being located in its own balance-frame in a proper position to receive and hold sash, door, blind, or other article to be painted; B B, upright supports; *b b b b*, legs; C, extension-bars; *c*, thumb-

screw; D D, balance-frames; H H, bars to which pivots are fastened.

The mode of operation of our invention is as follows: The apparatus is adjusted to fit the article by the extension-bar C and then tightened with the thumb-screw *c*. Then the article A is placed upon the rollers F F and between the pivots *a a'*, one, *a'*, the pintle-support, of which is a vertical spring. The article A is now firmly in its place and ready for painting on one side, after which the article A is gently pressed downward, allowing it to revolve on the pivots *a a'*, as shown in Fig. 2 by the dotted line, and in revolving the article A forces the rollers F F of the balance-frame D D downward, as shown by the dotted lines in Fig. 1. When the article A passes the center, the weight of the balance-bar D forces the article A around and in position to be painted on the other side. It is then again revolved, as above described, to fully complete the painting of the article. The article A is now removed by pressing against the spring-pivot *a'*, thus releasing the article A from pivot *a*. The pivot-bars H H are adjusted to the upright supports B B and can be raised or lowered by slots and thumb-screws, and the pivot-bars can be part of balance-frame to be raised and lowered simultaneously by attaching the slotted jaws of the balance-frame to the pivot-pintle bars by means of a small channel-iron riveted to both the pintle-bar and the slotted jaws.

What we claim as new, and desire to secure by Letters Patent, is—

As a stand for holding sashes, doors, blinds, &c., suitably-supported uprights, a longitudinally-extensible cross-brace connecting the same, vertical extensions, inwardly-extending sash-pivots at the upper end thereof in combination with transversely-extending balanced frames suitably pivoted to supports adjustably secured at the upper end of said uprights, said frames normally projecting beyond the sash-pivots and with bearing-rollers for the sash, substantially as described.

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