

(Model.)

Z. WALKER & J. M. SMITH.

ADJUSTABLE FLOWER STAND.

No. 341,191.

Patented May 4, 1886.

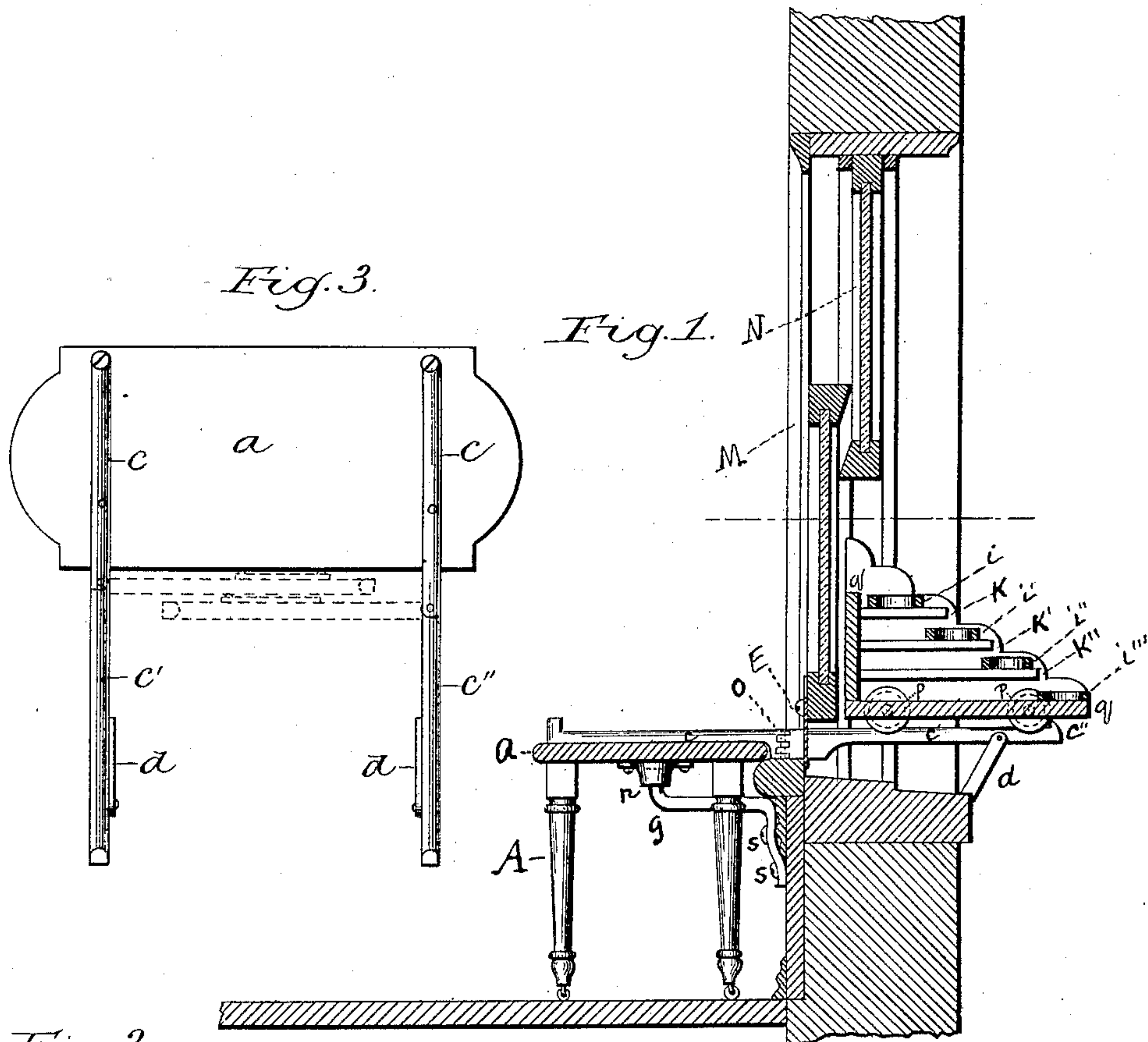
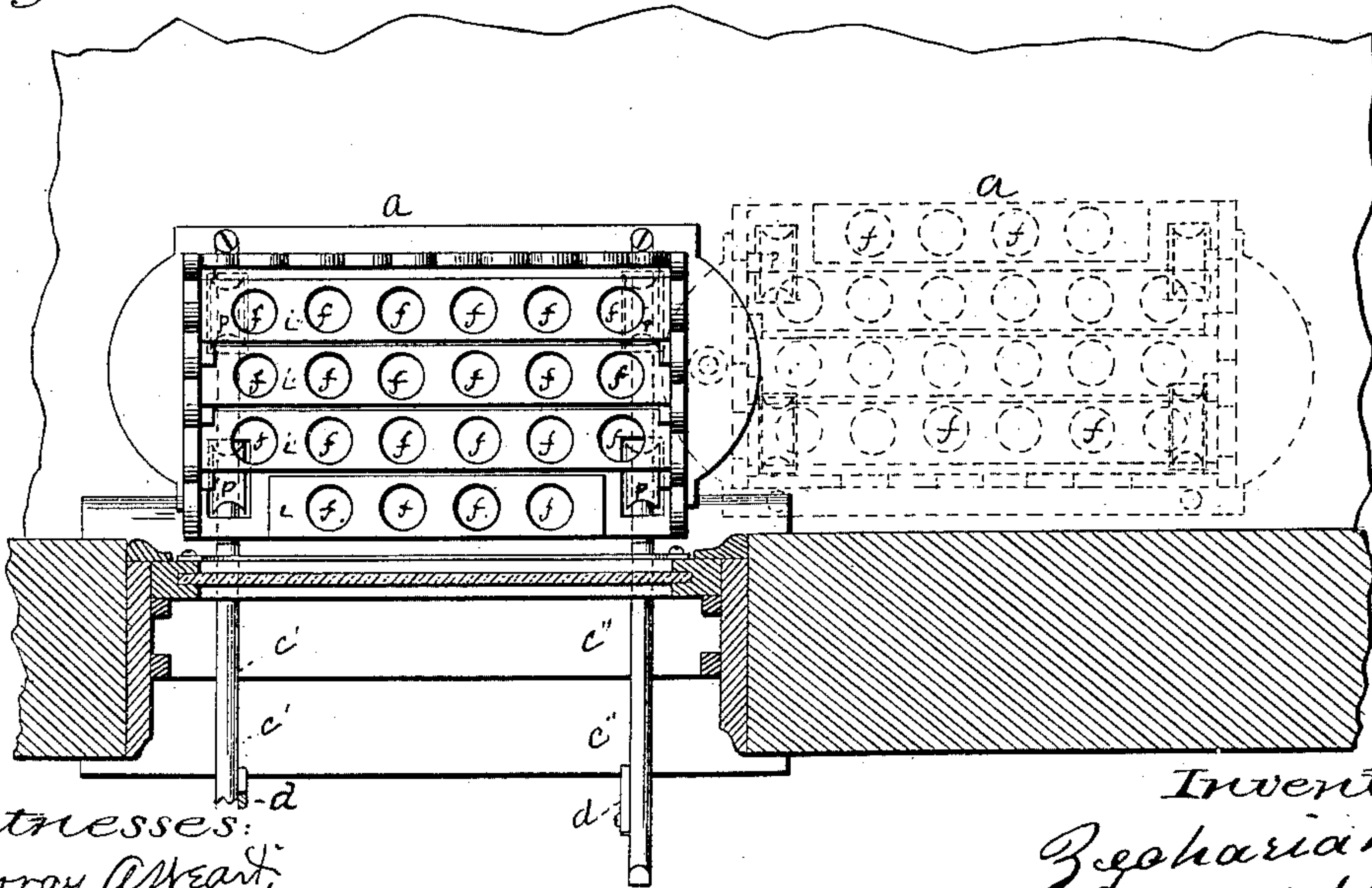


Fig. 2.



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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE FLOWER-STAND.

SPECIFICATION forming part of Letters Patent No. 341,191, dated May 4, 1886.

Application filed July 29, 1885. Serial No. 173,000. (Model.)

*To all whom it may concern:*

Be it known that we, ZECHARIAH WALKER and JONAS M. SMITH, citizens of the United States, residing at Trenton, in the county of Mercer and State of New Jersey, have invented new and useful Improvements in Adjustable Flower-Stands, of which the following is a specification, reference being had to the drawings accompanying this specification.

Our invention relates to improvements in flower-stands, by which plants may be by a simple and inexpensive device projected from the inside of the room and out of a window beyond, for the purpose of giving the plants air, light, and water, and by means of which the shelves containing plants may be readily withdrawn within the room and placed in a convenient position beside the window, thus obviating all lifting, and securing an inexpensive and ready means for changing the position of the plants.

Figure 1 is a vertical sectional view of our improved flower-stand, with the shelf-rack for sustaining the shelves that contain the plants run off the stand upon the adjustable track and outside of the window; Fig. 2, a top plan view of the flower-stand within the room, with the shelf-rack resting on the stand, and also shows in dotted lines the stand and contents removed from immediately in front of the window by revolution upon its supporting-bracket or pivot to another position within the room; and Fig. 3 is a plan view of the stand and tracks.

In Fig. 1 is shown the window, with the shelf-rack *q* run out of the room from the stand *a* upon the folding tracks *c' c''*. The shelf-rack is a window frame-work resting upon four grooved wheels, *p p p p*. Each end of the shelf-rack is provided with supports *k k' k''*, three in number, and of unequal lengths, as shown in this figure. Upon these supports the shelves containing the plants are placed, the ends of the shelves in the figure being marked *i i' i'' i'''*. The lowest shelf rests upon the outside of the base of the frame-work of the shelf-rack *q*, and is so arranged as not to interfere with the action of the grooved wheels *p p p p*.

*n* represents the upper window-sash; *m*, the lower; *a*, the stand; *c c' c''*, the tracks. The

tracks *c* are fastened securely to the stand by means of screws.

*o* is a double hinged joint in the track, by means of which the tracks *c' c''* are hinged to the tracks *c c*, and may be folded up close to the side of the stand *a* when not in use in supporting the shelf-rack.

*d* is the support to the tracks *c' c''*, and consists of a piece of metal—iron or brass—attached to the tracks *c' c''* by means of a screw, and fastened sufficiently tight to prevent its changing its position by its own weight. This support is provided with a notch at its free end to fit the window-ledge. When not required for service, it may be folded close to the tracks *c' c''*, like the blade of a knife.

*g* is the bracket that supports the stand. This bracket is fastened by means of screws *s s* to the wood-work beneath the window-frame. Upon the under side of the stand is screwed a socket, *r*, and into this the bracket fits, and upon this bracket the stand revolves when desired.

*e* is the splash-drop. This consists of a small thin strip of metal, and is attached to the lower part of the lower sash by means of two screws. The eyes through which these screws pass in the splash-drop consist of long and narrow openings, giving play up and down to the splash-drop to the extent of the length of these eyes, so that when the window-sash rests upon the extended tracks *c' c''* the splash-drop falls of its own weight and covers the opening left by reason of the window's interception of the tracks, and prevents the entrance of rain, dust, or wind.

Fig. 2 shows the stand *a*, the shelf-rack *q*, and the four shelves *i i' i'' i'''*. These shelves are provided with openings *f f f f*, which serve as receptacles for the pots for flowers. In this figure is also shown the top view of the tracks *c' c''* and the supports *d d* to the tracks.

The dotted figure represents the stand *a* after it has been shifted from the window by revolution upon the bracket.

In operating our device we first bring the stand *a* supporting the shelf-rack around upon the axis of the bracket *g* to a position in front of the window, as shown in Fig. 2. The lower sash is raised, the tracks *c' c''* are unfolded and extended. The supports *d d* are pushed from their positions and adjusted to



the window-ledge. (See Fig. 1.) The shelf-rack and contents are run forward upon the tracks  $c' c''$  to a position outside of the window. The splash-drop  $e$  falls behind the sash when the lower sash is lowered, and covers the space left open on account of the tracks. The reverse of this occurs when the plants are to be housed. The lugs at the free ends of the tracks  $c' c''$ , which prevent the shelf-rack from running off, are but a continuation of the tracks curved upward so as to fit the outer circumference or groove of the wheels.

What we claim as our invention is—

1. The combination, with the stand  $a$ , of the tracks  $c$ , secured thereon, and the tracks  $c' c''$ , hinged to the tracks  $c$ , and having at their free ends the supports  $d$ , substantially as described, for the purpose specified.

2. The combination, with the stand  $a$ , of the tracks  $c$ , secured thereon, the folding tracks hinged to the ends of said tracks  $c$ , and the shelf-bracket having rollers engaging said tracks  $s$ , substantially as set forth.

3. In combination with the bracket  $g$ , secured to the wood-work beneath the window-frame, the stand  $a$ , having a socket on its under side engaging with said bracket, the fixed tracks secured on the top of said stand, the folding tracks hinged to said fixed tracks and provided at their free ends with supports

to rest against the window-sill, and a shelf-bracket for holding the flower-pots movable upon said tracks, substantially as set forth.

4. In combination with the swinging stand, the two fixed tracks thereon, each having a lug on its end, the folding tracks hinged to said fixed tracks and each provided with a lug at its free end, and a flower-pot support provided with grooved wheels, substantially as set forth.

5. In combination with the swinging table and the fixed and folding tracks, the hereint described shelf-bracket or flower-pot support, provided with wheels for engaging the tracks and with the series of shelves, each having openings for the reception of flower-pots, substantially as set forth.

6. In combination with the bracket  $g$ , secured to the wood-work beneath the window, the stand  $a$ , having socket  $r$ , the fixed tracks  $c c'$ , folding tracks  $c' c''$ , supports  $d d'$ , and movable flower-pot support provided with rollers for engaging the tracks, and with the series of shelves for the flower-pots, substantially as set forth.

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In presence of—

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