

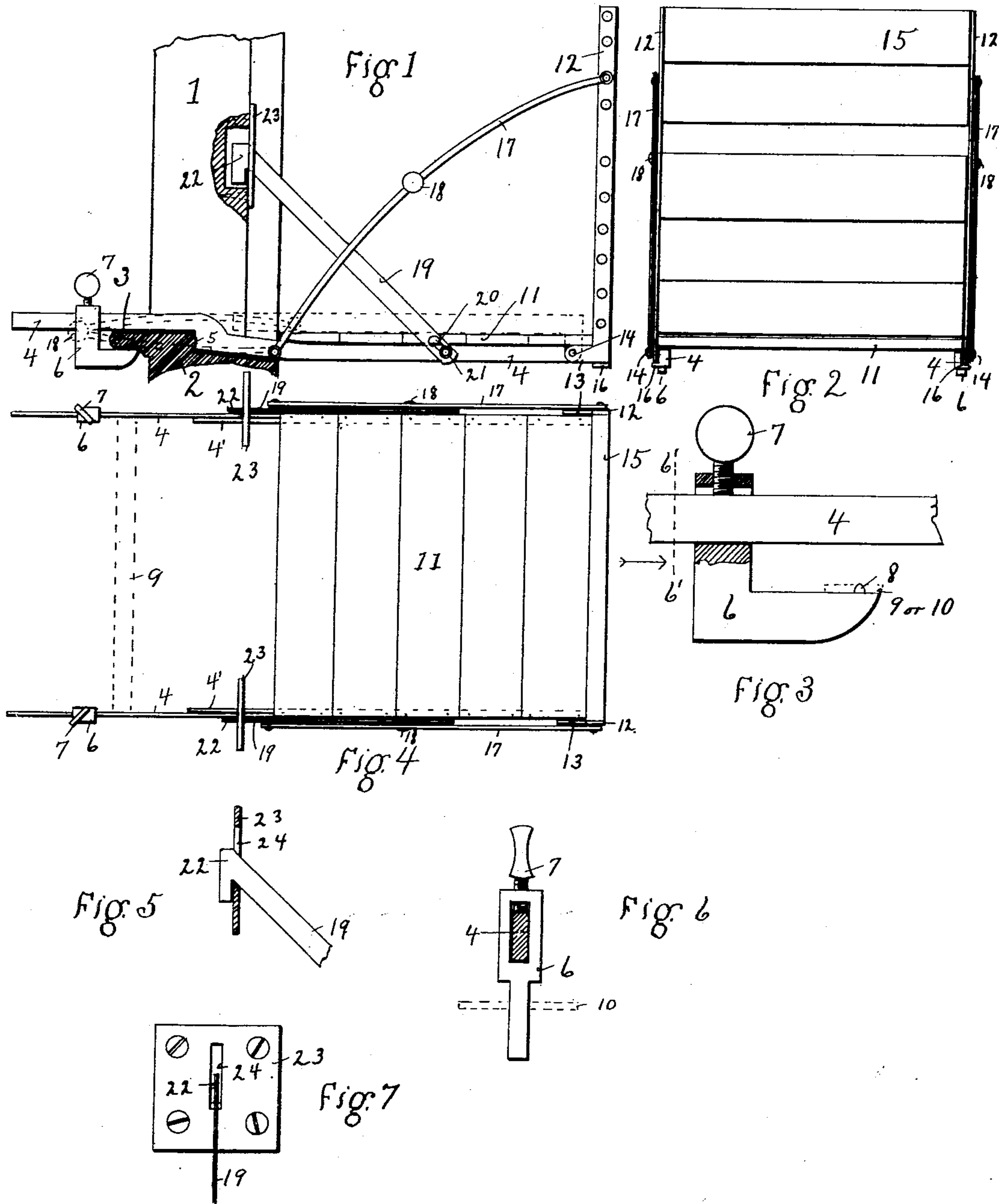
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J. R. ELLIOTT & G. L. KELLY.
PORTABLE FOLDING WINDOW SCAFFOLD.

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NO MODEL.



Witnesses

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UNITED STATES PATENT OFFICE.

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PORTABLE FOLDING WINDOW-SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 751,620, dated February 9, 1904.

Application filed April 25, 1903. Serial No. 154,235. (No model.)

To all whom it may concern:

Be it known that we, JONATHAN R. ELLIOTT and GEORGE L. KELLY, citizens of the United States of America, residing at Topeka, in the county of Shawnee and State of Kansas, have invented new and useful Improvements in Portable Folding Window-Scaffolds, of which the following is a specification.

The invention relates to folding scaffolds which may be carried from window to window and adjusted to various windows, adapted to be used when washing the outside of the windows or painting the sash and similar purposes.

The object is to provide such a device which may be easily carried from place to place and adjusted to any window by the housewife, janitor, or other person and which combines the two essential elements of lightness and strength in economical and convenient form.

The invention consists of the novel combination, arrangement, and disposition of the parts, the preferred form of the same being herein described and claimed, and shown in the accompanying drawings, forming part of this specification.

Figure 1 is a side elevation, showing the scaffold attached in place on the window-frame, parts of the jamb and the stool and sill being shown in section. Fig. 2 is an end view of the scaffold. Fig. 3 is a detail of the hook whereby the scaffold is held in place to the stool. Fig. 4 is a top or plan view. Figs. 5 and 7 are details of the additional or extra support and the plate therefor. Fig. 6 is a view through the line 6' 6', Fig. 3.

Like reference-numerals refer to like parts throughout the several views.

1 is the window-jamb, 2 the sill, and 3 the stool.

4 4 are the main supporting-rods, of iron, which may be reinforced by the additional pieces 4' 4'. The rods 4 4 have the offsets 5 to engage the outer edge of the window-stool, and the engaging face of this offset may be roughened, as shown, in order to hold it firmly in place. Each supporting-rod has a hook 6 adjustably held thereon by the thumb-screw 7, said hook being adapted to engage the under

side of the window-stool, as shown in Fig. 1, the ordinary stool being strong enough to sustain the weight of the person on the platform of the scaffold. A slight vertical motion is allowed to the hook 6, as shown in Fig. 3, so that it may be adjusted to stools of various thicknesses and held firmly thereto by the thumb-screw 7. The small projection 8 presses into the wood and helps to hold the hook firmly in place. The two hooks may be entirely separate from each other, or a rod 9 may connect them, or each may be provided with a piece 10 in order to give a greater bearing-surface. The boards 11 11, mounted on the supporting-rods 4 4, form the floor of the platform. The upright iron rods 12 12 have the elbows 13 13, respectively, by which said rods are hinged at 14 14 to the main supporting-rods 4 4, and the boards 15 15, mounted between the upright rods 12 12, constitute the outside of the platform. The lugs 16 16 on the supporting-rods 4 4 limit the outward movement of the uprights. The brace-rods 17 17 also serve to secure the upright portion and serve also as side pieces for the scaffold. They are provided with a hinge-joint at 18, so that the rear upright portion may be folded up against the horizontal platform, as indicated by the dotted outlines in Fig. 1. An additional means of securing the scaffold is found in the rods 19 19, whose lower ends are slotted, 20, to engage a button 21 on the side of the horizontal platform. The upper end is hooked, 22, to engage the plate 23 through the slot 24, the plate being screwed into the window-jamb. If the additional supporting-rods 19 19 are to be used, it is understood, of course, that plates 23 23 must be provided for each window.

By moving the hooks 6 6 along the rods 4 4 the scaffold may be applied to any width of stool, and by means of the set-screw 7 the scaffold may be applied to any thickness of stool. It is true, however, that the thickness of the stools does not vary to any considerable extent. Hence a very small play allowed to the hook will suffice to adjust it to all ordinary windows. To move or carry the scaffold from place to place, the rods 19 19 may be removed entirely, if desired, and the upright portion

may be folded over against the horizontal portion, as indicated in Fig. 1 in dotted outline.

There may be variations from the exact description shown in the drawings and described herein.

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

1. In portable folding window-scaffolds, the combination of the horizontal platform having the main supporting-rods; the means for securing the same to the window-frame; the upright portion having the upright rods 12, 12; said upright rods having the elbows 13, 13 pivoted to the outer ends of the main supporting-rods, whereby the upright portion may be folded over flatly against the horizontal platform; and the lugs 16, 16 for limiting the outward movement of the upright portion, substantially as set forth.

2. In portable folding window-scaffolds, the combination of the horizontal platform having the main supporting-rods; the means for securing the same to the window-frame; the upright portion having the upright rods 12, 12; said upright rods having the elbows 13, 13 pivoted to the outer ends of the main supporting-rods, whereby the upright portion may be folded over flatly against the horizontal platform; and the lugs 16, 16 on one set of said rods adapted to engage the other set of rods, to limit the outward movement of the upright portion.

3. In portable folding window-scaffolds, the combination of the horizontal platform having the main supporting-rods; the hooks adapted to engage the window-stool mounted on the supporting-rods and having openings therethrough larger than the supporting-rods

in cross-section, and also having set-screws to engage the supporting-rods, and said supporting-rods having the offsets 5, 5 to engage the outer edge of the window-stool, whereby the scaffold may be adapted to windows having stools of varying widths and thicknesses; the upright portion having the upright rods 12, 12; said upright rods having the elbows 13, 13 pivoted to the outer ends of the main supporting-rods, whereby the upright portion may be folded over flatly against the horizontal platform; and the lugs 16, 16 on one set of said rods adapted to engage the other set of rods, to limit the outward movement of the upright portion; all substantially as set forth.

4. In portable folding window-scaffolds, the combination of the horizontal platform having the main supporting-rods; the hooks adapted to engage the window-stool mounted on the supporting-rods and having openings therethrough larger than the supporting-rods in cross-section, and also having set-screws to engage the supporting-rods, and said supporting-rods having the offsets 5, 5 to engage the outer edge of the window-stool, whereby the scaffold may be adapted to windows having stools of varying widths and thicknesses; and the upright portion hinged to the outer end of the horizontal platform and capable of being folded over flatly against the horizontal platform; substantially as set forth.

Signed in the presence of witnesses.

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Witnesses:

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