Dec. 17, 1935. E. MIKSOVIC 2,024,940

WINDOW SCAFFOLD

Filed May 9, 1935

Fig. 1.

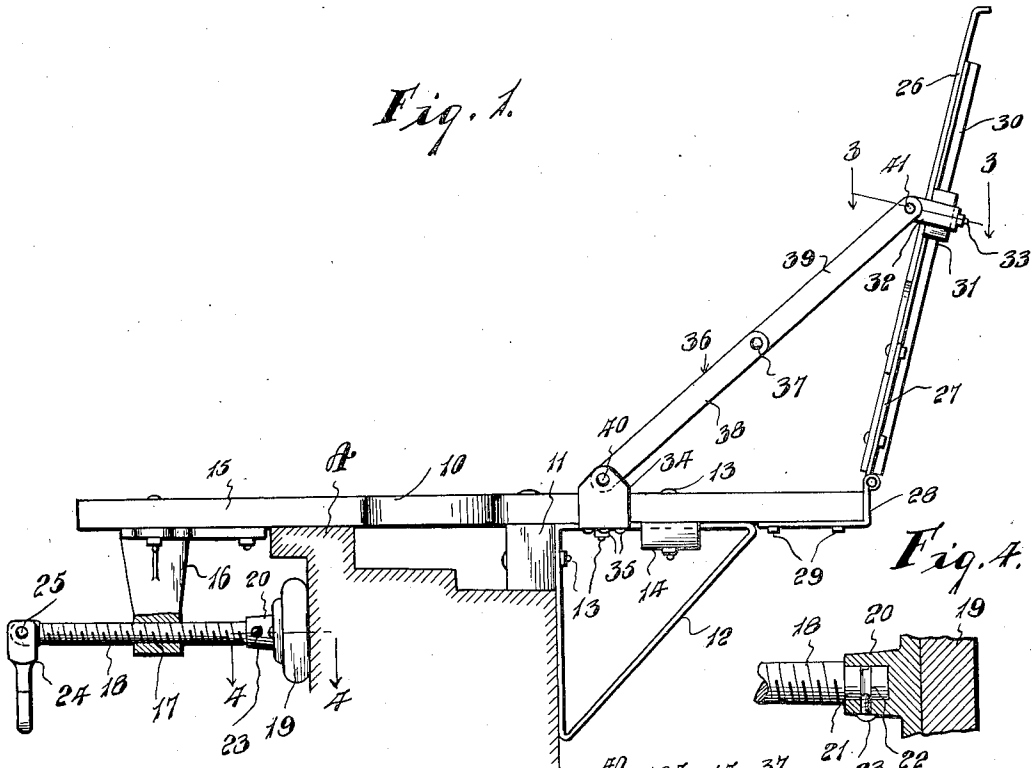


Fig. 4.

Fig. 2.

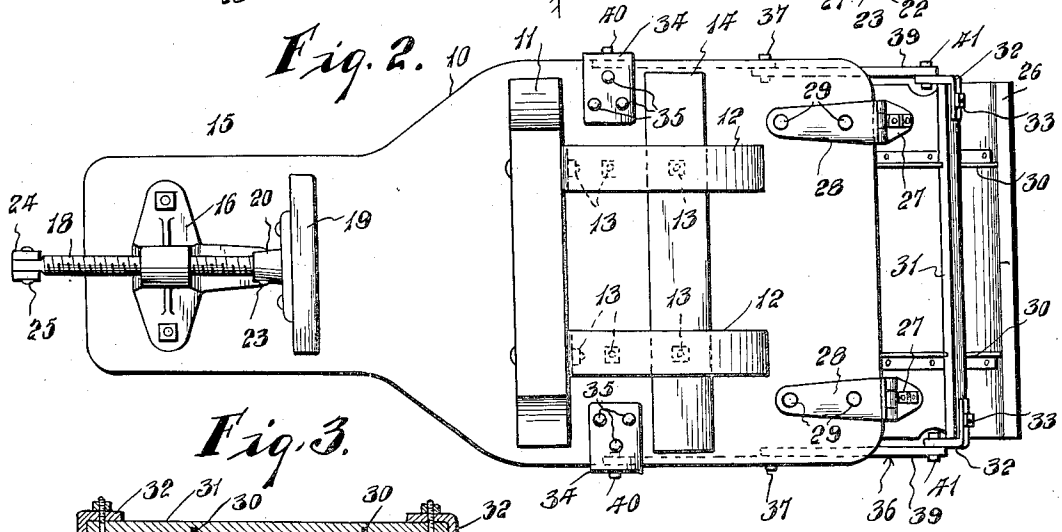
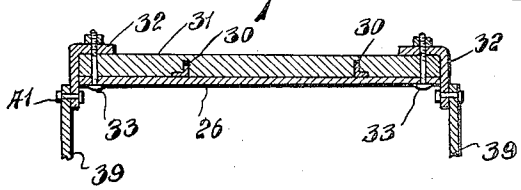


Fig. 3.



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WINDOW SCAFFOLD

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Application May 9, 1935, Serial No. 20,681

2 Claims. (Cl. 304—27)

The invention relates to window scaffolds and particularly to that type of scaffold that provides a safety device for window-washing, painting, etc., and has for its principal object the provision of a scaffold that is quickly placed in position for use and when removed may be folded into a compact form for transportation and storage.

A further object of the invention is the provision of a device of the character stated that includes a platform portion having fixed brace means adjacent the one end thereof and an adjustable bracing means adjacent to the other end thereof, the platform portion being adapted to be mounted on a window sill and to be clamped securely in position thereon by said brace means, and having a back supporting plate hingedly secured to that portion of the scaffold that projects outside of the window when in position that folds on the platform portion when not in use, and held in an upright position by means of articulated side braces that connect the platform and the plate.

The invention will be described in detail hereinafter and will be found illustrated in the accompanying drawing, in which

Figure 1 is a side view of the window scaffold showing it in position on a window sill, shown diagrammatically,

Figure 2 is a bottom plan view,

Figure 3 is a transverse sectional view on a plane indicated by the line 3—3 of Figure 1, and

Figure 4 is a sectional detail on a plane indicated by the line 4—4 of Figure 1.

In the drawing similar reference characters are used to designate corresponding parts in all the views.

The improved window scaffold has a platform portion 10 that is preferably made of wood or other fibrous material and adapted to rest on a window sill A. Secured transversely of the platform member 10 is a wide batten 11 that seats on the outer portion of the window sill so as to support the platform in substantially horizontal position. 12 designates triangular brace members secured to the under side of the platform 10 and to the outer side of the batten 11 by means of bolts 13, and 14 designates a cleat secured across said triangular brace members 12 and to the under side of the platform 10.

The portion of the platform 10 that extends into the room when in position is reduced as shown at 15 and to the under side of said reduced portion adjacent to the end thereof is a bracket member 16 having a threaded tubular supporting member 17 in which is mounted a threaded rod or shaft 18 and having a cross-head 19 swivelly secured thereto in a socket 20 secured to said cross-head, the shaft 18 having a reduced portion 21 mounted in said socket member and provided with a circumferential groove 22 to receive a pin 23 to hold the rod or shaft 18 in its position in the socket member and permit rotation of the cross-head thereon. The other end of the rod or shaft 18 has a crank handle 24 pivotally secured thereto as shown at 25 for conveniently turning the rod or shaft 18. It will be understood that the platform member 10 is held in its position on the window sill by the wall of the building and the window frame being clamped between the members 12 and the cross-head 19 that is moved into clamping position by turning the rod or shaft 18.

The portion of the platform member 10 that extends outside of the window when in position is provided with a back rest plate 26 that has hinge members 27 secured thereto and are pivotally engaged with hinge members 28 secured to the platform member 10 by means of bolts 29, said hinge members 28 being formed angular as shown to engage the bottom and the outer end of the platform. Secured to the rear side of the back plate 26 are strengthening members 30 preferably of angle bars and a transverse cleat 31 secured over said angle bars. Secured to the cleat 31 in the ends thereof are angular formed ears 32, said ears being secured to the cleat 31 and the plate 26 by means of bolts 33. Secured to opposite sides of the platform 10 are angular-shaped ears 34 that are secured to the platform by means of bolts 35. 36 designates an articulated brace member having adjacent ends pivotally secured together as shown at 37, the pivotally secured members being designated respectively, 38 and 39, and having their free ends pivotally secured as shown at 40 and 41 respectively, to the ears 34 and 32, respectively. This construction admits of the back plate being supported in an upright position as shown in Figure 1, and admits also of the back plate being folded against the platform 10 with the braces 36 in folded position for convenience in transportation and storage of the window scaffold.

What is claimed is:—

1. A window scaffold, comprising a platform member adapted to rest on a window sill, a transverse batten secured to the under side of said member to rest on the outer portion of the window sill, right angled triangular members secured to the platform and batten outwardly of

the batten relatively to the window sill when the platform is in position thereon and adapted to engage the outer edge of the window sill, a back pivoted to the platform, articulate brace means for said platform connected to the back and to the platform relatively close to and forwardly of said batten, a bracket secured to the other end of the platform and having a threaded eye, a threaded rod mounted in said eye, and a cross-head swivelly mounted on an end of said rod and adapted to engage under the window sill inwardly of the window.

2. A window scaffold, comprising a platform member adapted to be supported on a window sill, means to secure the platform to the window sill including a securing batten on the under surface of said platform member, hinge members secured to the platform, a back supporting plate, hinge members secured thereto and engaging the first mentioned hinge members, angular ears secured to opposite side edges and lower surface of the platform forwardly of and relatively close to said batten, angular ears secured to the aforementioned plate, and articulated brace members terminally pivoted to said ears.

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