Aug. 18, 1925. 1,550,472

F. J. TYPANSKI

WINDOW CHAIR

Filed Nov. 19, 1923

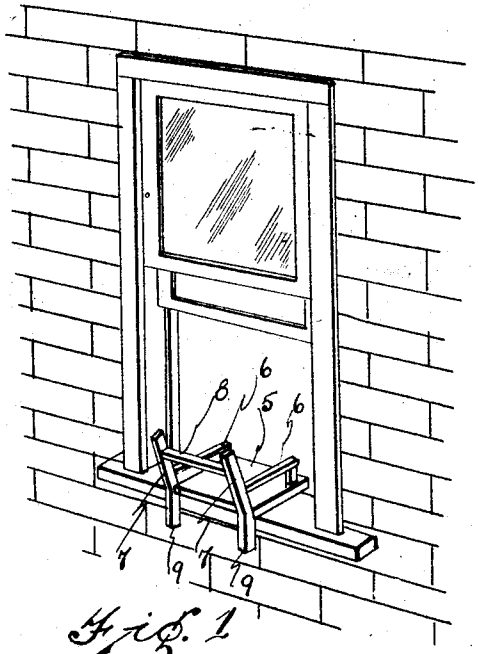


Fig. 1

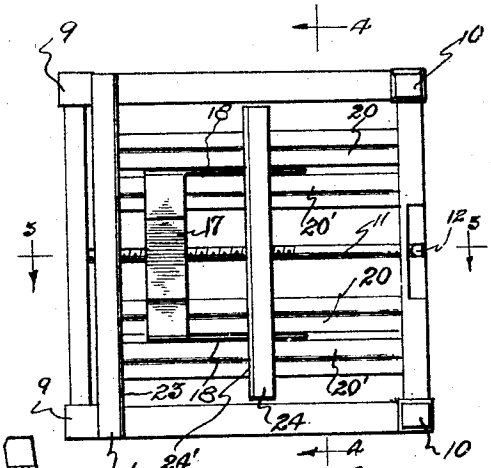


Fig. 2

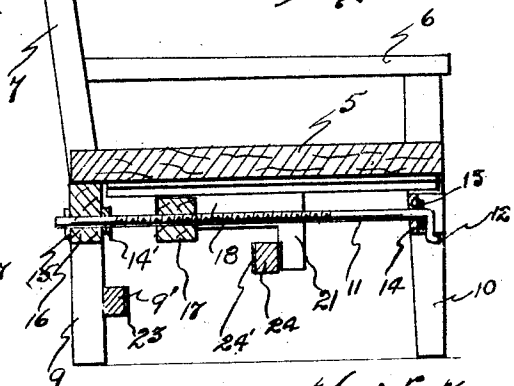


Fig. 3

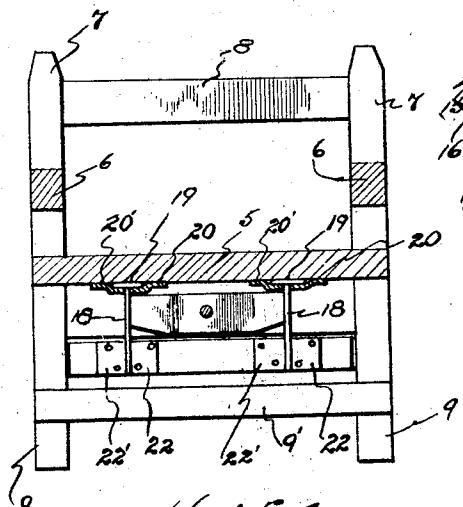


Fig. 4

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UNITED STATES PATENT OFFICE.

FRANK J. TYPANSKI, OF DETROIT, MICHIGAN.

WINDOW CHAIR.

Application filed November 19, 1923. Serial No. 675,496.

To all whom it may concern:

Be it known that I, FRANK J. TYPANSKI, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in a Window Chair, of which the following is a specification.

My invention relates to a new and useful improvement in a window chair and has for its object the provision of a chair adaptable for attachment to the sill of a window so that the operator in washing the window may be seated comfortably and safely in the chair.

Another object of the invention is the provision in a chair of this class of means for attaching the chair to window sills of varying widths.

Another object of the invention is the provision in a chair of the class mentioned of a movable engaging member having supporting members co-operating with guide members mounted on the base of the chair seat.

Other objects will appear hereinafter.

The invention consists in the combination and arrangements of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings which form a part of this specification.

Fig. 1 is a perspective view of the invention attached to a window,

Fig. 2 is a bottom plan view of the invention,

Fig. 3 is a sectional view taken substantially on line 3—3 of Fig. 2, and,

Fig. 4 is a sectional view taken substantially on line 4—4 of Fig. 2.

The invention is adapted to afford a chair for customary use in the household and at the same time to provide a scaffolding which may be attached to a window sill for use when the windows are being washed. The size and dimensions of the chair may vary depending upon the taste of the one using the chair, and casual observation of the chair will not reveal its twofold functions.

The invention in its preferred form comprises a seat 5 having the usual sidearms 6 and the back comprising uprights 7 and a cross member 8. Depending from the seat 5 are rear legs 9 connected by an engaging member or cross arm 9′. The seat is also provided with front legs 10.

A rod 11 which is threaded throughout the major portion of its length is provided at the forward end thereof with a crank 12 and a collar 13 which is adapted to engage against the surface of the cross member 14 joining the legs 10. Fixedly mounted on the rod 11, adjacent one end thereof, is a collar 14′, which is adapted to engage one side of a cross member 16 which joins the legs 9. The other side thereof being engaged by collar 15, loosely mounted upon the rod 11 and retained in place by a cotter-pin or other suitable attaching means. Mounted on the rod 11 is a nut 17, which extends transversely of the rod 11, and is attached at its ends to slidebars 18, each of which is provided at its upper end with a T 19 and at its lower end with a pair of wings 22 and 22′, which are attached in any suitable manner to a movable engaging member or crossarm 24, which is provided on one face with a yielding covering such as felt 24′. The T's 19 slidably engage in guide members 20 and 20′ which are mounted on the under surface of the seat 5. One edge of the members 20 and 20′ rests in close engagement with the under surface of the seat 5, while the other edge thereof is offset to provide a space between the members 20 and 20′ and the seat 5 in which the T 19 may engage for slidable movement. The members 20 and 20′ are spaced apart from each other to provide a space in which a member 18 may ride.

In operation the chair is placed over the window sill so that the member 9′ may engage against the outer surface of the window sill or the outer surface of the wall directly beneath the window sill. The crank 12 is then turned until the member 24 is brought into close engagement with the inner surface of the wall or the window sill. In this way the chair is clamped in position on the window, so that the party washing the windows may sit in the chair in safety and comfort. In this manner a backward toppling of the window washer from the window sill is prevented, the cross member 8 serving as a suitable support. It is to be noted that the screw arrangement whereby the clamping members are moved into operative and inoperative position permits the use of the same chair on windows of different widths. Another feature of the invention is the mounting of the clamping mem-

bers directly beneath the seat of the chair so that they are invisible when the chair is used for domestic purposes.

While I have illustrated and described the preferred form of construction, I do not wish to limit myself to the precise details of structure set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

In a chair of the class described, a stationary engaging member mounted beneath the seat of said chair; pairs of oppositely disposed spaced guide members mounted on the undersurface of said chair and having facing edges thereof spaced from the under surface of said chair; a pair of movable arms, each being provided with a T adapted for riding in the space between said guide members and said undersurface, and engaging a portion of the upper surface of said guide members; a clamping member mounted on said arms; a nut mounted on said arms; a threaded rod projected through said nut and adapted to effect movement of said nut longitudinally of said rod for moving said arms relatively to said stationary engaging member, said rod being supported for rotatable movement beneath the seat of said chair.

In testimony whereof I have signed the foregoing.

FRANK J. TYPANSKI.