

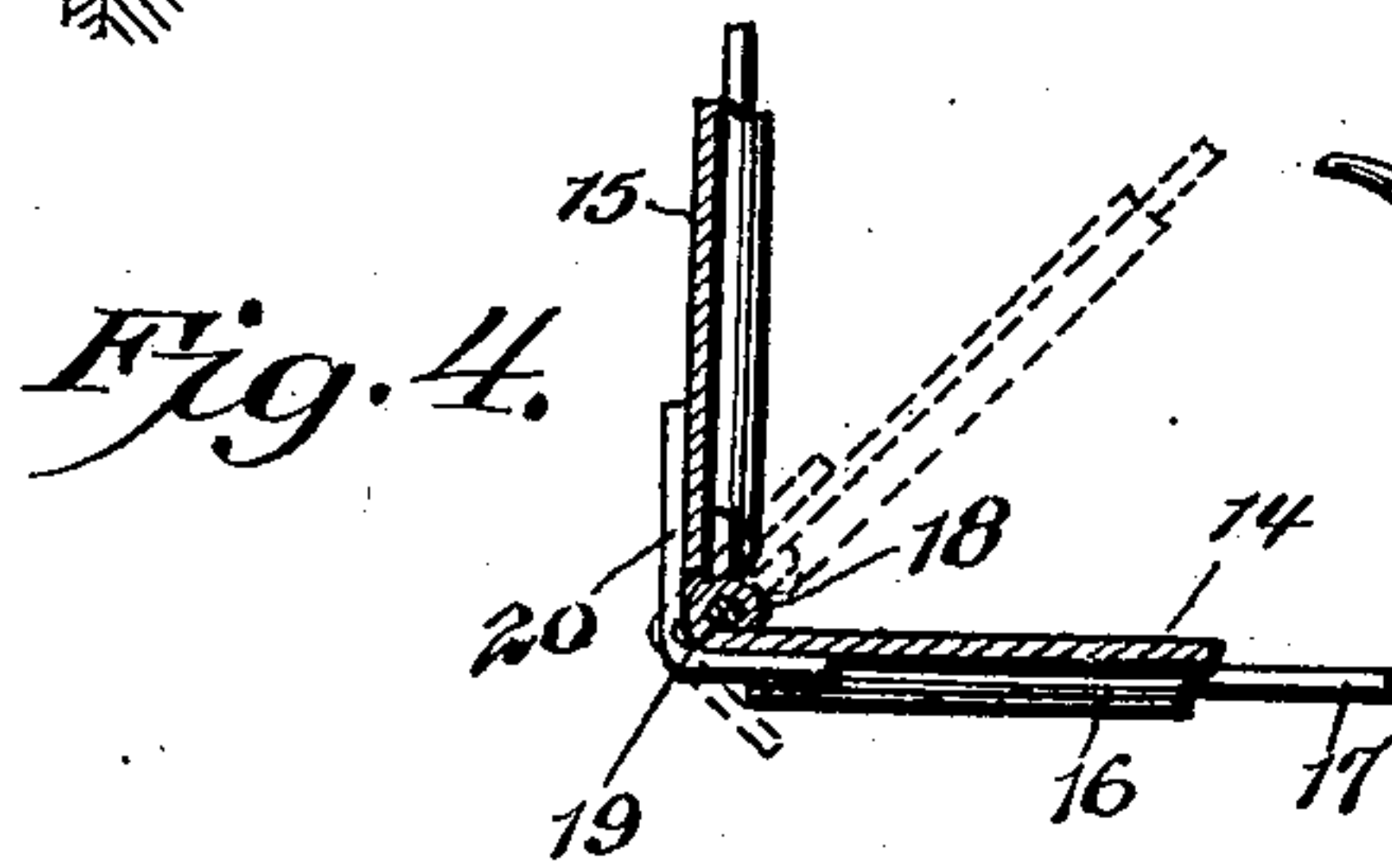
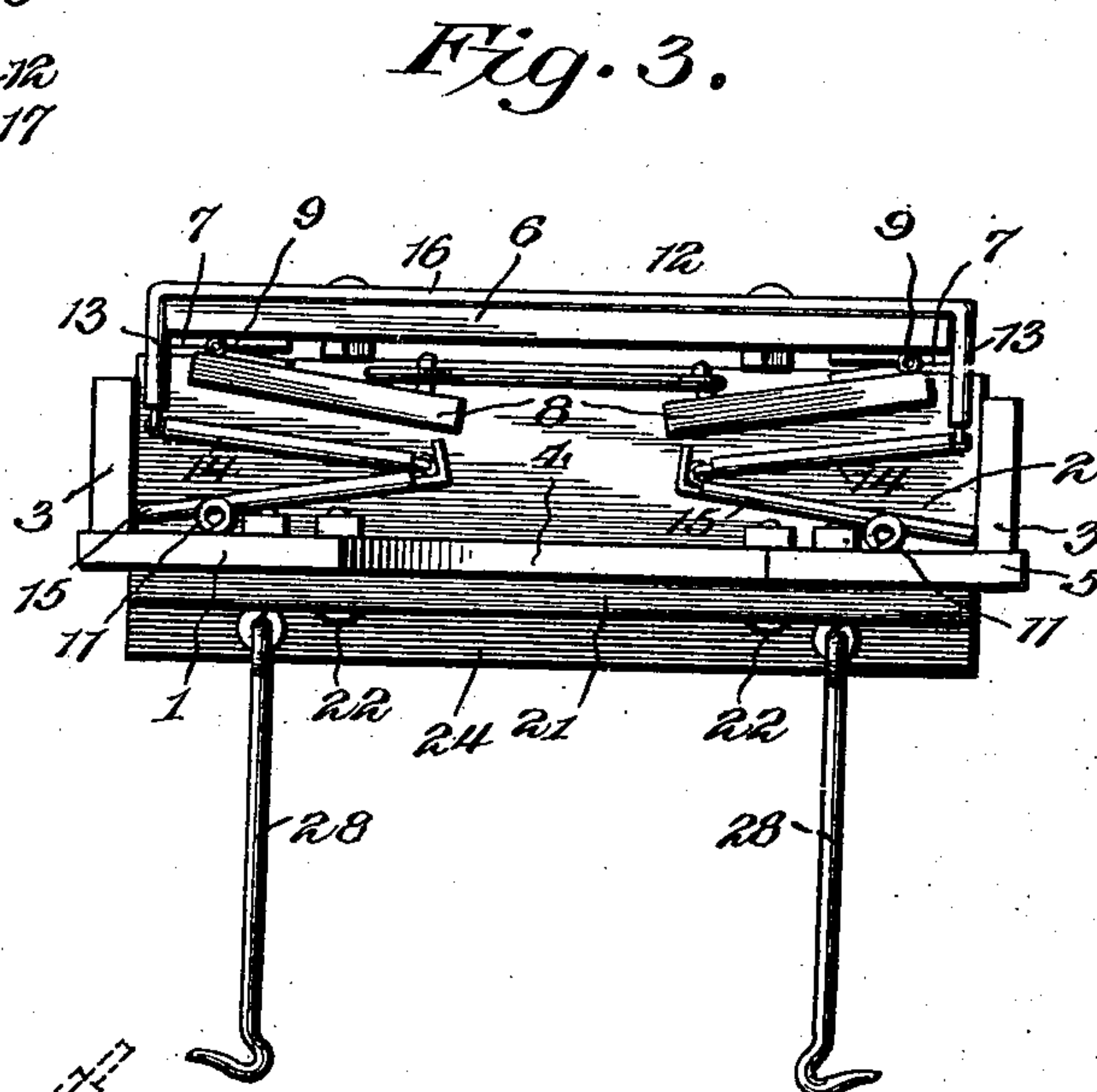
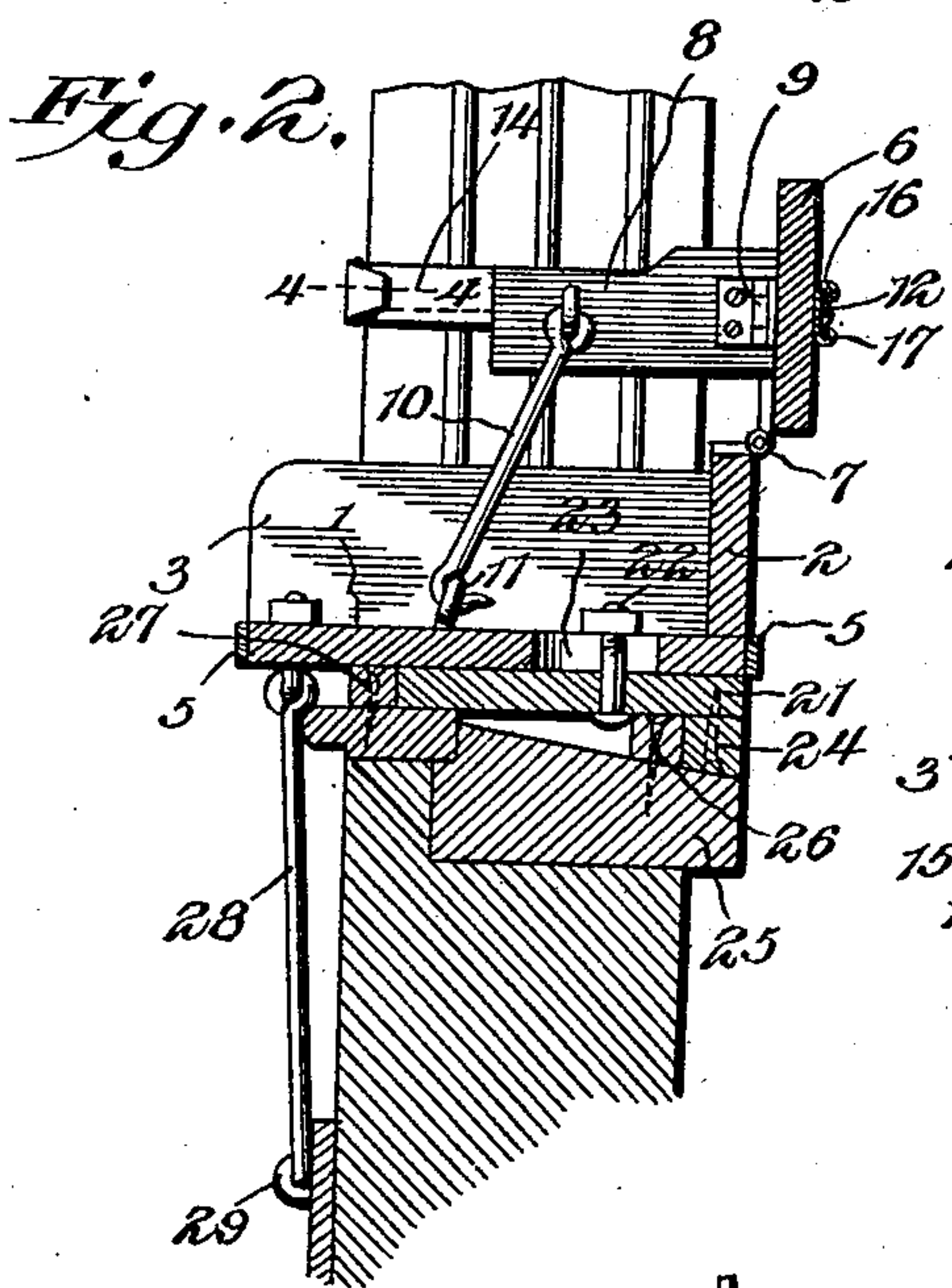
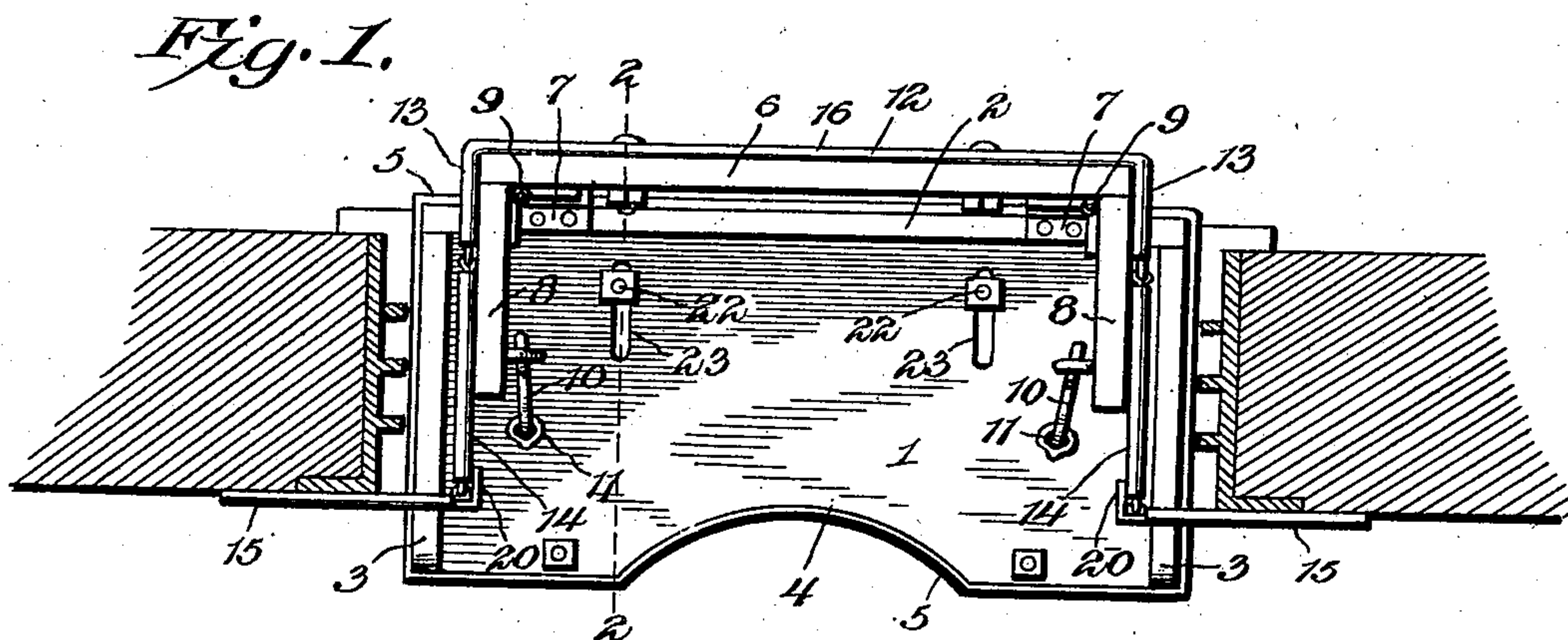
No. 710,127.

Patented Sept. 30, 1902.

L. WAGENER.
WINDOW SEAT.

(Application filed Apr. 21, 1902.)

(No Model.)



Louise Wagener, Inventor.

Witnesses
Howard W. Orr.
Hef. Shepard.

By

E. J. Siggers

Attorney

UNITED STATES PATENT OFFICE.

LOUISE WAGENER, OF JACKSONVILLE, FLORIDA.

WINDOW-SEAT.

SPECIFICATION forming part of Letters Patent No. 710,127, dated September 30, 1902.

Application filed April 21, 1902. Serial No. 104,004. (No model.)

To all whom it may concern:

Be it known that I, LOUISE WAGENER, a citizen of the United States, residing at Jacksonville, in the county of Duval and State of Florida, have invented a new and useful Window-Seat, of which the following is a specification.

This invention relates to detachable seats or platforms for application to window-sills, and has for its object to provide an improved device of this character which is arranged to be projected outwardly through a window and conveniently fastened in place, so as to form a support externally of the window for convenience in cleaning, painting, or repairing the exterior of the window.

It is furthermore designed to arrange the device so that it may be conveniently mounted in place without damaging or changing the window-frame and to provide for the convenient removal of the device when not required for use.

Another object is to have the device adjustable, so that it may be accommodated to window-sills of different widths, and finally to have it capable of being folded into compact form, so that it may be conveniently stored when not in use.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a plan view of the improved window-seat fitted to a window, the opposite sides of the window-frame being in section to illustrate the connection between the seat and the inner walls of the building. Fig. 2 is a cross-sectional view on the line 2 2 of Fig. 1. Fig. 3 is a front elevation of the device when folded. Fig. 4 is a detail sectional view on the line 4 4 of Fig. 2.

Like characters of reference designate corresponding parts in all the figures of the drawings.

In carrying out the present invention there is provided a flat base or platform 1, which is provided at its outer or rear edge with an upstanding back 2 and has upstanding sides 3. The front edge of the base or platform is recessed, as at 4, to form a reentrant portion to accommodate the legs of a person when seated upon the platform. The rigid portion of the device, formed by the platform, the back, and opposite sides, is strengthened by means of a metal band 5, which extends entirely around the device.

A foldable back section 6 is connected to the upper edge of the rigid back 2 by means of suitable hinges 7, whereby said back section may be folded over across the platform when not in use. Foldable side sections 8 are connected to opposite ends of the foldable back section by hinges 9, whereby said side sections may be folded inwardly across the inner side of the back section when not in use.

To support the foldable back section in an upright position, each of the foldable side sections is provided with a pendent swinging hook or catch 10, which is adapted to detachably engage an eye or keeper 11, carried by the top of the base or platform.

Across the outer side of the folding back is secured a broad metallic strap or band 12, which stiffens and strengthens the back and has its opposite ends bent across the ends of the back and overlapping the respective foldable sides, as indicated at 13. To each end of the strap or band a swinging strap-section or arm 14 is hinged or pivoted for convenience in folding the device, and to the outer free end of each swinging arm is hinged or pivoted another section or member 15. Each of these strap or arm sections has its longitudinal edges beaded, as at 16, to embrace a stiffening-wire 17, so as to materially increase the strength and rigidity thereof. The hinged connection between the adjacent strap-sections is preferably had by engaging the end bead portion 18 of one section with the transverse end portion 19 of the stiffening-wire of the other sections, as this is a very convenient and inexpensive form of hinge connection. As best indicated in Fig. 4 of the drawings, it will be noted that each member 15 is provided at its inner end with a stop 20, which

consists of a plate substantially right angular in cross-section secured to the inner side of the member and adapted to engage the inner side of the adjacent arm 14, so as to limit the swing of the member to a quarter-section.

As best indicated in Fig. 2 of the drawings, it will be seen that a comparatively broad flat plate 21 is secured to the under side of the base or platform by means of fastenings 22, which are preferably bolts mounted to adjustably slide in slots 23, formed transversely through the base. A strip 24 is secured to the under side of the plate and at the outer or rear edge thereof, whereby the plate 21 and the strip 24 combine to form a stepped cleat to rest upon the window-sill 25, the cleat portion 21 resting upon the elevated inner portion of the sill and the strip 24 resting upon the lower outer portion of the sill. A strip or cleat 26 is secured longitudinally across the outer portion of the sill and corresponds in thickness to the cleat 24, so as to form a support for the outer edge portion of the platform and also to form a stop against the outer side of which the cleat 24 is adapted to engage, so as to hold the device against edgewise movement in an inward direction. Another cleat 27 is secured longitudinally across the top of the inner side of the window-sill and adapted to form a stop against which the inner edge of the cleat or plate 24 is adapted to abut.

To fasten the seat in the window, a swinging hook or catch 28 is hung from the bottom of the inner portion of the platform and adapted to detachably engage an eye or keeper 29, located below the window-sill and preferably carried by the base-board or the floor of the room. After the platform has been placed upon the window-sill and the hooks or catches 28 have been engaged with the eyes or keepers 29 the foldable back section 6 is swung upwardly, and the strap-sections are then swung outwardly so as to engage the member 15 across the inner side of the window-frame, so as to anchor or fasten the device against outward displacement. It will now be understood that the members 15 are provided with stops 20, so as to hold these members at right angles to the arms and in position to properly engage the inner side of the window-frame. After the straps or braces have been engaged with the window-frame the foldable side sections are swung outwardly and fastened by means of the hooks and eyes 10 and 11, whereby the device is set up in position for use and is effectually held against looseness and displacement.

From the foregoing description it is apparent that the base or platform projects a suitable distance outwardly beyond a window-sill, so that when a person is seated upon the platform he will be located exteriorly of the window in position for conveniently cleaning, painting, or repairing the same, and the foldable back and side pieces embrace the person to form a guard therefor. It will also be noted that the window-frame is neither

changed nor damaged in any particular, that the device may be readily applied and removed without requiring any particular skill, and when removed may be folded in a compact form, so as to occupy comparatively small space when not in use.

What I claim is—

1. In a window-seat, the combination with a platform, of a foldable back hinged thereto, side pieces hinged to the back, brace connections between the side pieces and the platform, and means carried by the back for engagement with the inner side of a wall to brace the device.

2. The combination with a window-seat, of an arm and a wall-engaging member hinged to the outer end of the arm, said member being foldable in a substantially horizontal direction against the outer side of the arm and limited in its movement.

3. The combination with a window-seat, of an arm having its outer end provided with a wall-engaging member which is hinged thereto and foldable in a substantially horizontal direction against the outer side of the arm, the movement of said member being limited substantially to a quarter-swing.

4. The combination with a window-seat having a back, of an arm carried by the back and projected inwardly across the seat, and means for engagement with the inner side of a window-frame, said means being hinged to the outer end of the arm and foldable against the outer side thereof, and also limited substantially to a quarter-swing outwardly from the arm.

5. The combination with a window-seat, of an arm, means for engaging the inner side of a window-frame hinged to the outer end of the arm and foldable against the outer side thereof, and a stop device carried by the frame-engaging means and adapted to engage the arm and support said means when disposed at substantially right angles with respect to the arm.

6. The combination with a window-seat, of an arm, means hinged to the outer end of the arm for engagement with the inner side of a window-frame and foldable against the outer side of the arm, and an angular stop carried by the inner end of the said means and embracing the inner side of the joint between the same and the arm.

7. The combination with a window-seat, of a back hinged thereto, arms carried by the opposite ends of the back and normally projected inwardly across the platform, and window-frame-engaging members hinged to the outer ends of the arms to lie across the inner sides of the window-frame, and provided with means to hold the same against pivotal movements when engaged with a window-frame.

8. In a window-seat, the combination with a platform, of a back therefor, arms hinged to the opposite ends of the back and normally projected across the platform, window-frame-engaging members hinged to the free ends of

the arms and foldable against the outer sides thereof, and means for limiting the pivotal movements of the window-frame-engaging members to substantially a quarter-swing outwardly from the arms.

9. In a window-seat, the combination with a platform, of a back hinged thereto, side pieces hinged to the back, detachable fastenings between the side pieces and the platform, arms hinged to the opposite ends of the back, window-frame-engaging devices hinged to the outer ends of the arms to bear across the inner sides of a window-frame and foldable against the outer sides of the arms, and means to limit the pivotal movements of said devices to substantially quarter-swings outwardly from the arms.

10. The combination with a window-seat, of a wall-engaging brace formed in hinged sections, the outer or free section being adapted to lie across the inner side of a window-frame to brace the device when in use, each of the brace members consisting of a metal plate having its peripheral edge beaded and provided with a stiffening-wire, the end portion of one member being formed into a sleeve pivotally embracing the adjacent end portion of the stiffening-wire of the other member, and an angular stop carried by one of the members and disposed to engage the other member to limit the swing of the movable member.

11. The combination with a window-sill, of inner and outer strips secured longitudinally thereto, and a window-seat supported upon the inner strip and provided with longitudinal cleats bearing against the respective strips on the window-sill to prevent endwise displacement of the seat.

12. A window-seat having a transverse slot

in the bottom thereof, a comparatively broad cleat applied to the under side of the bottom of the seat, a narrow cleat carried by the lower side of the first-mentioned cleat and at the outer edge thereof, and a fastening carried by said first-mentioned cleat and adjustable throughout the length of the slot in the seat.

13. In a window-seat, the combination of a platform having opposite transverse slots formed therein, a comparatively broad cleat applied to the under side of the bottom and provided with upstanding bolts adjustable in the slots of the seat, a narrow cleat secured to the under side of the wide cleat, a stationary back and opposite stationary side pieces for the platform, a foldable back hinged to the stationary back, foldable side pieces hinged to the opposite ends of the foldable back, eyes carried by the platform, swinging hooks carried by the foldable side pieces for detachable engagement with the eyes, opposite window-frame-engaging braces hinged to opposite ends of the foldable back, each brace embodying hinged sections, the outer section being of a length to bear across the inner side of a window-frame, angular stops carried by the inner ends of the outer sections of the braces and adapted to bear against the other sections to limit the movement of said outer sections, and pendent fastenings carried by the inner portion of the platform.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

LOUISE WAGENER.

Witnesses:

D. H. DOIG,

J. W. ARCHIBALD.