

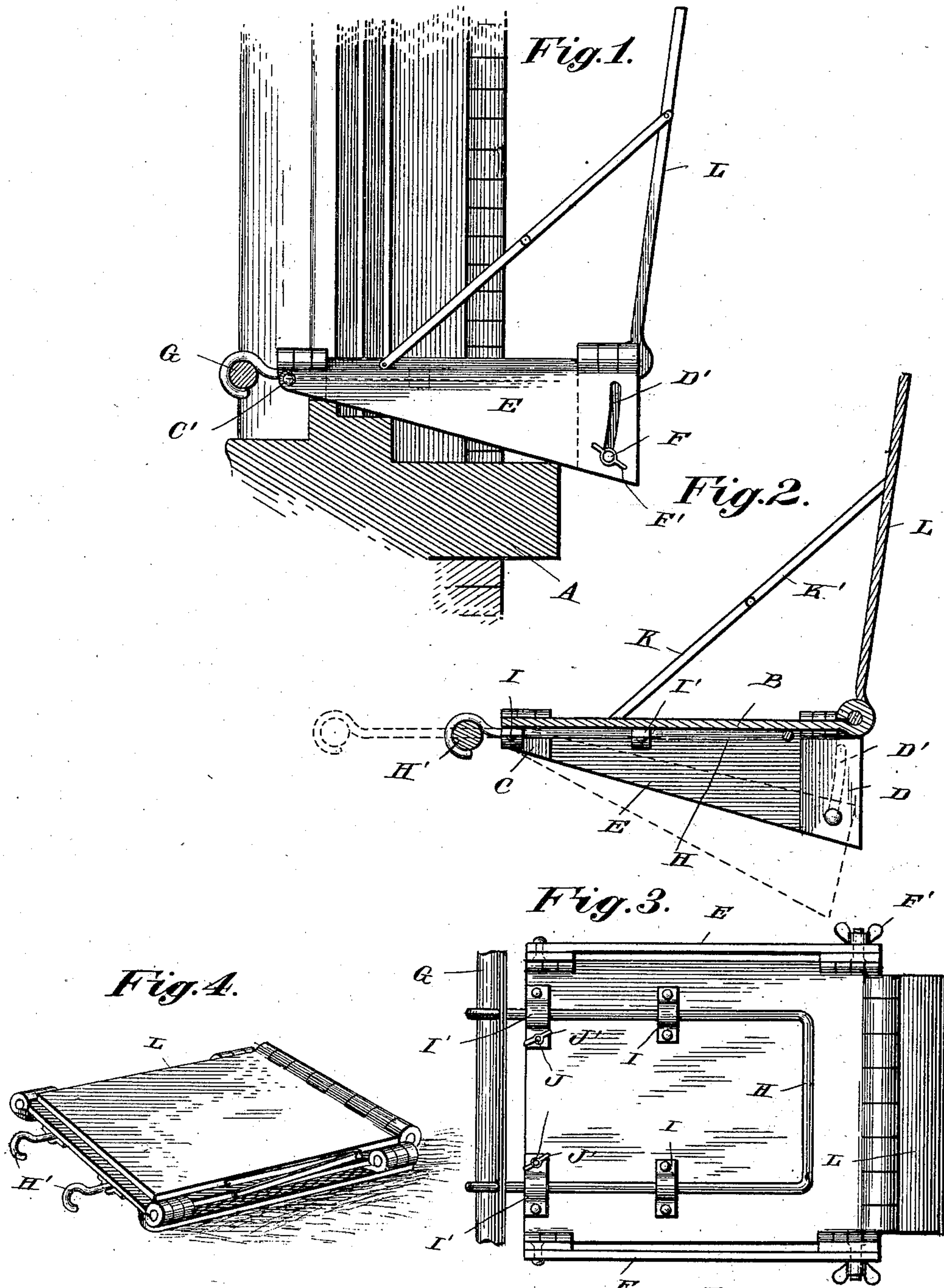
No. 656,626.

Patented Aug. 28, 1900.

P. C. CAMPBELL.
WINDOW CHAIR.

(Application filed Dec. 30, 1899.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

PETER CARMANT CAMPBELL, OF NEW YORK, N. Y.

WINDOW-CHAIR.

SPECIFICATION forming part of Letters Patent No. 656,626, dated August 28, 1900.

Application filed December 30, 1899. Serial No. 742,028. (No model.)

To all whom it may concern:

Be it known that I, PETER CARMANT CAMPBELL, a citizen of the United States, residing at New York, (Brooklyn,) in the State of New York, have invented a new and useful Safety Window-Chair, of which the following is a specification.

My invention is in the nature of a chair adapted to be removably secured in a window for the purpose of supporting a person while cleaning the outside of the window sash and glass, the object of the invention being to provide a chair of this class which shall be of simple and cheap construction, capable of being quickly and easily placed in and removed from operative position, and provided with means whereby it may be adjusted to various positions to facilitate its use and the ease, comfort, and safety of the occupant.

With this object in view my invention consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically pointed out in the appended claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming a part hereof, in which—

Figure 1 is a view in side elevation of a chair constructed in accordance with my invention in operative position in a window. Fig. 2 is a central vertical sectional view of the chair removed from the window. Fig. 3 is a bottom plan view of the chair, and Fig. 4 is a perspective view of the chair folded.

Like letters of reference mark the same parts wherever they appear in the several figures of the drawings.

Referring to the drawings, A indicates the sill of a window-frame upon which my improved chair is to rest when in position for use. Such sills are of varying constructions, and a chair adapted to set level on one sill might be inclined in either direction when placed upon another sill. In order to overcome this difficulty and to adapt my chair for use on any ordinary make of sill, I provide adjusting means as follows:

B indicates the seat of the chair, which may

be made of sheet metal or any other suitable material. Upon each side of the seat, at the front, I hinge a flap C at or near the front and a longer flap D near the rear edge of the seat. To these flaps I attach a triangular plate E on each side of the chair, said plates being pivotally connected at their front ends to the front flaps C by a pin or rivet C', arranged to permit of the plate swinging on said pins in planes at right angles to that in which the flaps move on their hinges. At their rear ends the plates E are provided with slots D', curved in the arcs of circles having the pins C' as centers, and threaded pins F, secured to flaps D', pass through said slots and receive nuts (preferably hand or thumb nuts) F' outside of the plates, whereby the plate may be held rigidly at any adjustment. By this means the plates may be adjusted on pins C' so as to bring their lower edges to any desired inclination to the seat within the range of the length of the slots D', and as the seat is supported on these plates it may be readily leveled up to suit the construction of the sill upon which it is to be supported.

G indicates a rod which will be of a suitable strength to support the chair and which is intended to be placed temporarily or permanently across the opening of the window inside the room, its ends resting against the inside of the window frame or casing G'.

H indicates a frame made of a metal rod in the form of three sides of a rectangle and secured to the bottom of the seat by means of clips or keepers I I, the former preferably secured rigidly to the seat and the latter secured rigidly at one end and removably at the other by means of bolts or threaded pins J, projected from the seat through the clips and provided with thumb-nuts J'. The clips I are arranged to permit the frame H to freely slide in them, but the clips I' are so arranged as to firmly clamp the frame when the nuts J' are turned tightly upon pins J, whereby the seat of the chair may be adjusted on the frame to increase or decrease its length from the front to rear and firmly secured in such adjustment. The frame H is provided at its inner end with hooks H' to engage over the rod G to support the chair in position.

K K' indicate links pivoted together at their meeting ends and to the chair-seat B

and a hinged back L at their outer ends, whereby the back is supported in its upright position and permitted to fold down upon the seat when desired.

5 By means of the construction described the chair may be secured rigidly in position with a securely-supported back. The seat may be lengthened or shortened and may be leveled upon any ordinary sill. All of the parts may
10 be folded against the seat, as shown in Fig. 4, thus decreasing its bulk very materially for purposes of storage or transportation.

While I have illustrated and described what I consider to be the best means now known
15 to me for carrying out my invention, I do not wish to be understood as restricting myself to the exact forms shown, as many slight changes therein or variations therefrom might suggest themselves to the ordinary mechanic
20 all of which would be clearly included within the limit and scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

25 1. In a window-chair, the combination with the seat, of supporting-plates pivotally secured to the sides thereof at its front end, and adjustably secured thereto at its rear end, substantially as described.

30 2. In a window-chair, the combination with

the seat, of flaps hinged to the sides thereof at its front and rear ends, and supporting-plates pivotally secured to the front flaps and adjustably secured to the rear flaps, substantially as described.

35 3. In a window-chair, the combination with the seat, of front and rear flaps hinged to its sides, supporting-plates pivoted to the front flaps and provided with curved slots near their rear ends, bolts projecting from the rear flaps
40 through said slots, and securing-nuts, substantially as described.

4. In a window-chair, the combination with the seat of supporting-plates pivotally connected to the sides thereof to permit of their
45 folding under the seat, and pivoted at their front ends to permit of their pivotal movement in planes at right angles to those of the folding movement, substantially as described.

5. A window-chair provided with a seat adjustable in length and folding adjustable side
50 supporting-plates, substantially as described.

6. A window-chair provided with a folding back, a seat adjustable in length, and folding side supporting-plates adjustable to level up
55 the seat, substantially as described.

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Witnesses:

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