(No Model.)

S. G. DEAN.

WINDOW BRACKET.

No. 598,860. Patented Feb. 8, 1898.

Fig. 1

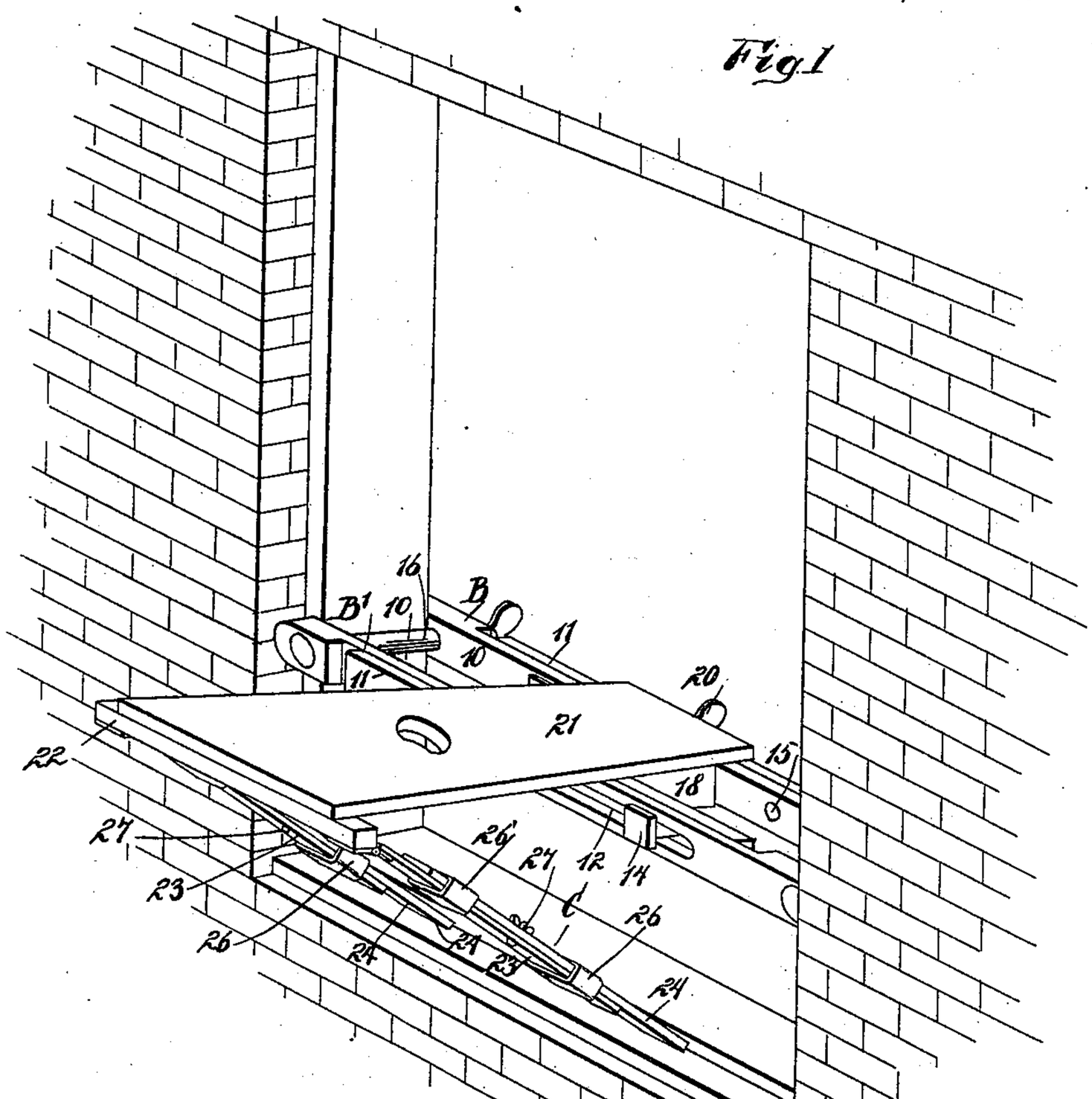


Fig. 2

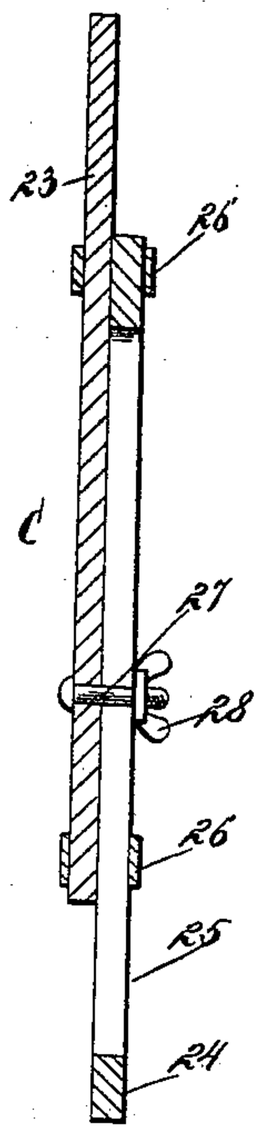
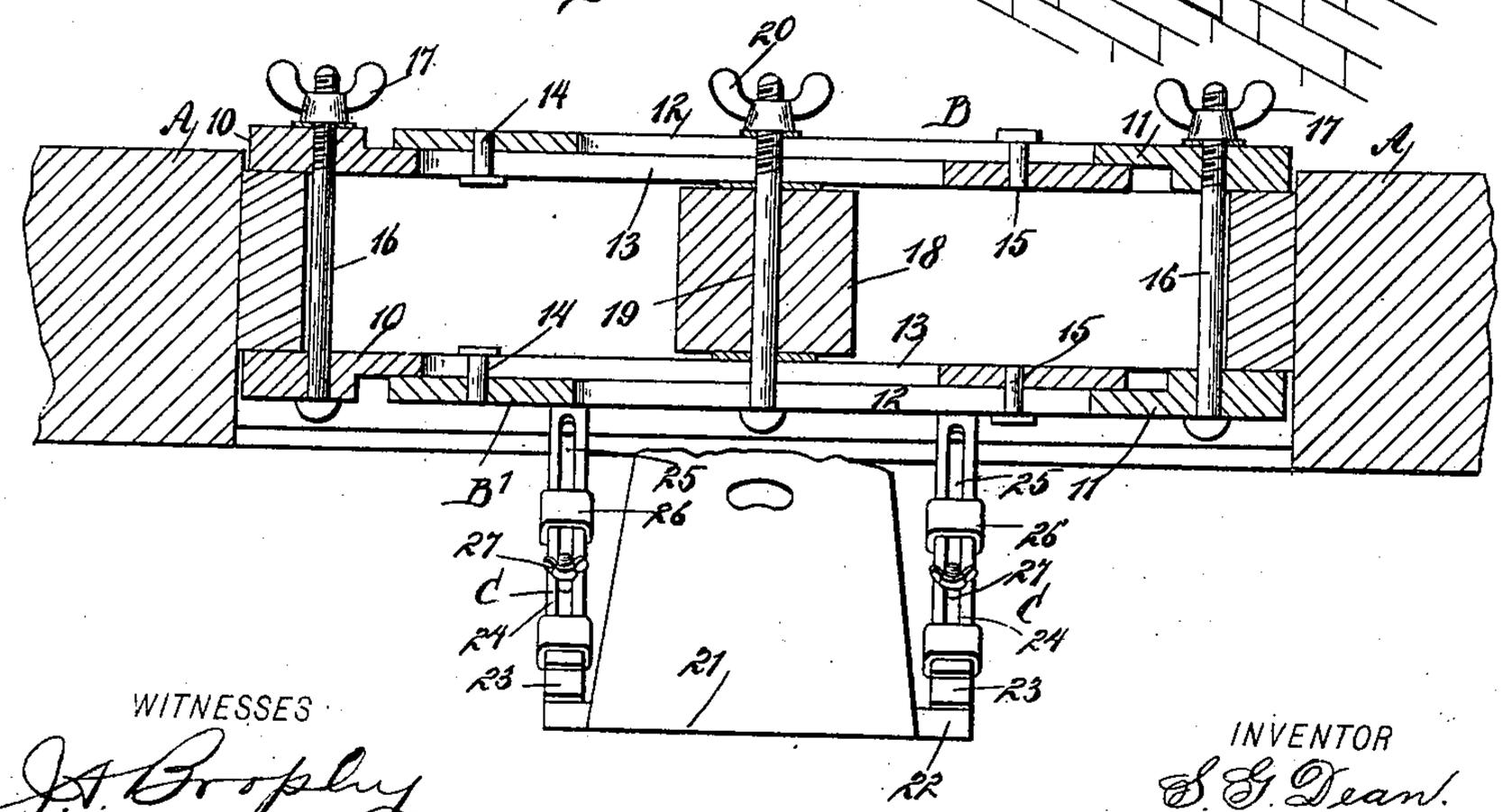


Fig. 3



WITNESSES

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SILAS G. DEAN, OF NORFOLK, NEBRASKA.

WINDOW-BRACKET.

SPECIFICATION forming part of Letters Patent No. 598,860, dated February 8, 1898.

Application filed November 2, 1897. Serial No. 657,139. (No model.)

To all whom it may concern:

Be it known that I, SILAS G. DEAN, of Norfolk, in the county of Madison and State of Nebraska, have invented a new and Improved Window-Bracket, of which the following is a full, clear, and exact description.

The object of my invention is to provide a window-bracket capable of being used as a scaffolding or which may be used as a support for persons cleaning windows, the device being so constructed that it may be adjusted to windows or similar openings of different sizes and expeditiously, conveniently, and safely secured to the casing of such openings.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improved window-bracket in position. Fig. 2 is a vertical section through one of the supporting-legs of the said bracket; and Fig. 3 is a horizontal section through the window-bracket and a window-casing to which it is secured, a portion of the platform of the bracket being shown in plan view.

The body portion of the device consists of two binding-strips B and B′. The binding-strips are alike in construction, and each comprises two members 10 and 11, which members are constructed to slide one upon the other, the end portions of each member being practically of the same thickness as the combined thickness of the portions of the members that have movement one on the other. The outermost member 11 is provided with a longitudinal slot 12 and the innermost member with a corresponding slot 13. Guide-pins 14 are secured to the solid portion of the outermost member 11 of the binding-strips, extending through the slots 13 in the innermost members, and other guide-pins 15 are secured to the solid portion of the innermost portions of the binding-strips, extending out through the slotted portion of the outermost members, as best shown in Fig. 3, so that the members of the binding-strips have guided movement one on the other.

Clamping-screws 16 extend through the end portions of the strips, connecting the members 10 at one end of the binding-strips and the members 11 at the opposite ends of said binding-strips, and each clamping-screw is preferably provided with a thumb-nut 17 or the equivalent thereof. A block 18 is mounted to slide between the opposing binding-strips, and a clamping-screw 19 is passed through the said block and likewise through the slots 12 and 13 in the binding-strips, the central clamping-screw being likewise provided with a thumb-nut 20. The thumb-nuts of all of the binding-screws are preferably located at the inner face of the binding-strip that is to be within the room or compartment.

A platform or a chair 21 is secured upon the block 18, being carried thereby, and at the outer end of the platform, which end is carried beyond the outer binding-strip, a cross-bar 22 is preferably secured, and legs C are hinged or similarly secured to this cross-bar, although the said legs may be connected directly to the platform, if desired. The legs C are adjustable and are preferably constructed, as shown in Fig. 2, of two members 23 and 24, the members being held to slide one upon the other, the members 24 being made to pass through guides 26, secured to the members 23. The member 24, which is usually the inner member of a leg, is provided with a longitudinal slot 25, and a binding or clamping screw 27 is passed through the said slot and through the solid member 23 of a leg, the binding-screw being provided with a suitable nut 28, whereby the legs may be lengthened or shortened and firmly held in adjusted position.

The bracket is especially adapted for attachment to the casings of windows and similar openings. The binding-strips B engage with the inner edges of the casing and the binding-strips B′ with the outer edges of the casing, while the legs C rest upon the window sill or ledge at the outer portion of the opening, as shown in Fig. 1. It is evident that a window-bracket constructed as described may be adjusted to any width of casing by reason of the members of the binding-strips sliding one upon the other, and that when the proper adjustment of the binding-strips is obtained

they may be clamped firmly to the casing through the medium of the screws 16. It is further evident that the platform 21 does not depend entirely for its support upon the binding-strips, since the adjustable legs C serve to support or sustain the outer end portion of the platform.

The device is exceedingly simple, economic, and durable in its construction and safe in its application. In the drawings the platform is shown with an opening made therein, which is adapted to receive the fingers of the hand of a person carrying the device.

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

1. In a window-bracket, a body portion consisting of binding-strips constructed in adjustable sections, clamping devices connecting the binding-strips, a platform adjustably supported by the said binding-strips, an adjustable support hinged to the outer end of the platform and a locking device for said platform, as set forth.

2. In a window-bracket, the combination, with parallel binding-strips each constructed of two members mounted to slide one upon the other, and clamping devices connecting the end portions of the binding-strips, of a platform mounted to slide in the said binding-strips, a locking device for the platform, and adjustable supports for the outer end of the said platform, substantially as described.

3. In a window-bracket, the combination, with binding-strips, each comprising two members constructed to slide one upon the other, the members of the binding-strips being provided with registering longitudinal openings and guide devices, and clamping-screws connecting the end portions of the said binding-strips, of a block held to slide between the binding-strips, a clamping-screw for the block passed through the slots of the binding-strips, a platform carried by the said block, and legs attached to the outer end portion of the said platform, the said legs being constructed in sections mounted to slide one upon the other, guides for the said sliding sections of the legs, and locking devices for the sections of the legs, as and for the purpose set forth.

SILAS G. DEAN.

Witnesses:
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