

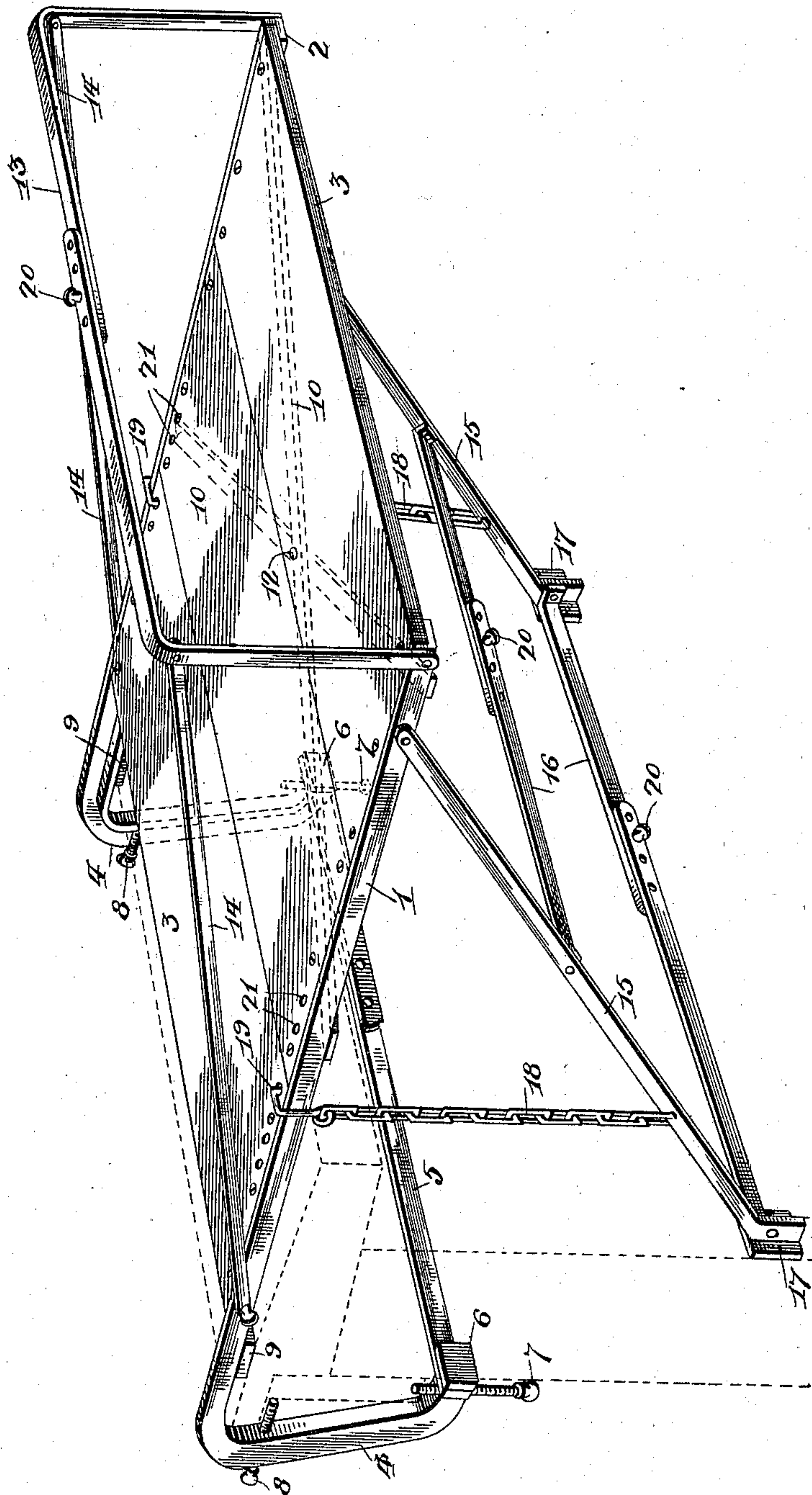
No. 625,813.

Patented May 30, 1899.

W. C. STULL.  
FOLDING WINDOW SCAFFOLD.

(Application filed Mar. 8, 1899.)

(No Model.)



Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM CLINGING STULL, OF NEW WHATCOM, WASHINGTON.

## FOLDING WINDOW-SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 625,813, dated May 30, 1899.

Application filed March 8, 1899. Serial No. 708,263. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM CLINGING STULL, a citizen of the United States, residing at New Whatcom, in the county of Whatcom and State of Washington, have invented certain new and useful Improvements in Folding Window-Scaffolds; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to scaffolds and brackets, and more particularly to that class of adjustable folding scaffolds employed in cleaning and painting windows and the like; and the object is to provide a simple, convenient, strong, light, and safe device of this character.

To this end the invention consists in the construction, combination, and arrangement of the several parts of the invention, as will be hereinafter fully described, and particularly pointed out in the appended claims.

The figure is a perspective view of my improved collapsible scaffold as it appears in use, the window-sill and wall being shown in dotted lines.

In said drawing, 1 and 2 denote the end rails, preferably made of angle-iron, the horizontal portions of which receive the platform-boards 3, and the inner ends of said rails terminate in downwardly-extending clamp-brackets 4 4, which are connected by an adjustable bar 5, and the inner faces of the ends of this bar are provided with rubber buffers 6 6, while the contiguous ends of said brackets are provided with clamp-screws 7 7, and similar screws 8 8 are secured in the upper ends of said brackets 4 4, as shown. Buffers 9 9 are also fixed to the under side of the inner ends of the side rails where they come in contact with the sills.

10 10 denote cross-braces centrally connected by a pivot-bolt 12, and their outer ends are adjustably secured by suitable bolts in the lateral flanges of the end rails 1 and 2.

13 designates a longitudinally-adjustable railing having its vertical ends secured to the side rails, and 14 14 denote braces which connect the outer ends of the railing and the side rails.

15 15 denote depending diagonal braces ex-

tending downwardly and inwardly from the outer ends of the side rails and are connected by the adjustable bars 16 16, the inner faces of the outer ends of the lower bar 16 being provided with buffers 17 17, and the lower ends of these diagonal braces are adjustably connected to the side rails by the adjustable vertical chains 18 18 and the removable hooks 19 19, engaging suitable holes 21 21 in the platform-boards 3 and the horizontal portions of the end rails 1 and 2. The various parts are removably or detachably connected by the thumb-screws 20 20 for conveniently adapting the device for different-sized windows and also for conveniently collapsing the same when not in use.

The device as constructed is very light and strong and absolutely safe against accidental displacement when properly adjusted, and it will be fully appreciated and understood without further description.

It will be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent of the United States, is—

1. An adjustable collapsible scaffold, comprising the angle-iron end rails 1 and 2, formed with the clamping-arms 4 4 and connected by the adjustable bar 5, the thumb-screws 7 and 8 mounted in said arms, the adjustable cross-braces 10 10 connecting said side rails, the adjustable railing 13 connected to the side rails, and the lateral braces 14 14 connecting said railing and side rails, the diagonal braces 15 15 pivoted at their upper ends to said side rails, and the adjustable bar 16 connecting the lower ends of said diagonal braces, and the adjustable vertical chains 18 18 attached to the diagonal braces 15, and the hooks 19 19 loosely attached to the free ends of the chains 18 18, and engaging the end rails 1 and 2 through any of the holes 21, substantially as described.

2. An adjustable platform comprising the angle-iron end rails 1 and 2, formed with the clamping-arms 4 4, having thumb-screws 7 and 8 in said arms, and connected by the adjustable bar 5, and the cross-braces 10 10 cen-



trally connected by a pivot-bolt 12 connecting said side rails, substantially as and for the purpose set forth.

3. An adjustable platform comprising the  
5 angle-iron end rails 1 and 2 provided with rubber buffers on the inner surface thereof, and formed with the clamping-arms 4 4, having thumb-screws 7 and 8 in said arms, and connected by the adjustable bar 5 provided  
10 with rubber buffers 6, centrally-pivoted cross-braces 10 10 connecting said side rails, the platform-boards 3, in combination with the adjustable railing 13 pivotally connected to said side rails, and the lateral braces 14 14  
15 connecting said railing and side rails, substantially as and for the purpose specified.

4. An adjustable collapsible scaffold consisting of a platform comprising the angle-iron end rails 1 and 2, the clamping-arms 4 4 formed  
20 thereon, the thumb-screws 7 and 8 in said clamping-arms, the rubber buffers 6 6 and 9 9,

the adjustable bar 5, the adjustable centrally-pivoted cross-braces 10 10, the platform-boards 3, the adjustable railing 13, the lateral braces 14 14 connecting said railing and side rails, 25 in combination with the diagonal braces 15 15 formed at their lower ends into brackets carrying rubber buffers 17 17, and pivoted at their upper ends to said side rails, and the adjustable bars 16 16 connecting said diagonal 30 braces, and the adjustable chains 18 18, and the removable hooks 19 19, connecting said diagonal braces 15 15 and the side rails 1 and 2 through the series of holes 21 21, as herein shown and described. 35

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM CLINGING STULL.

Witnesses:

C. A. HORST,

M. PALMTAG.