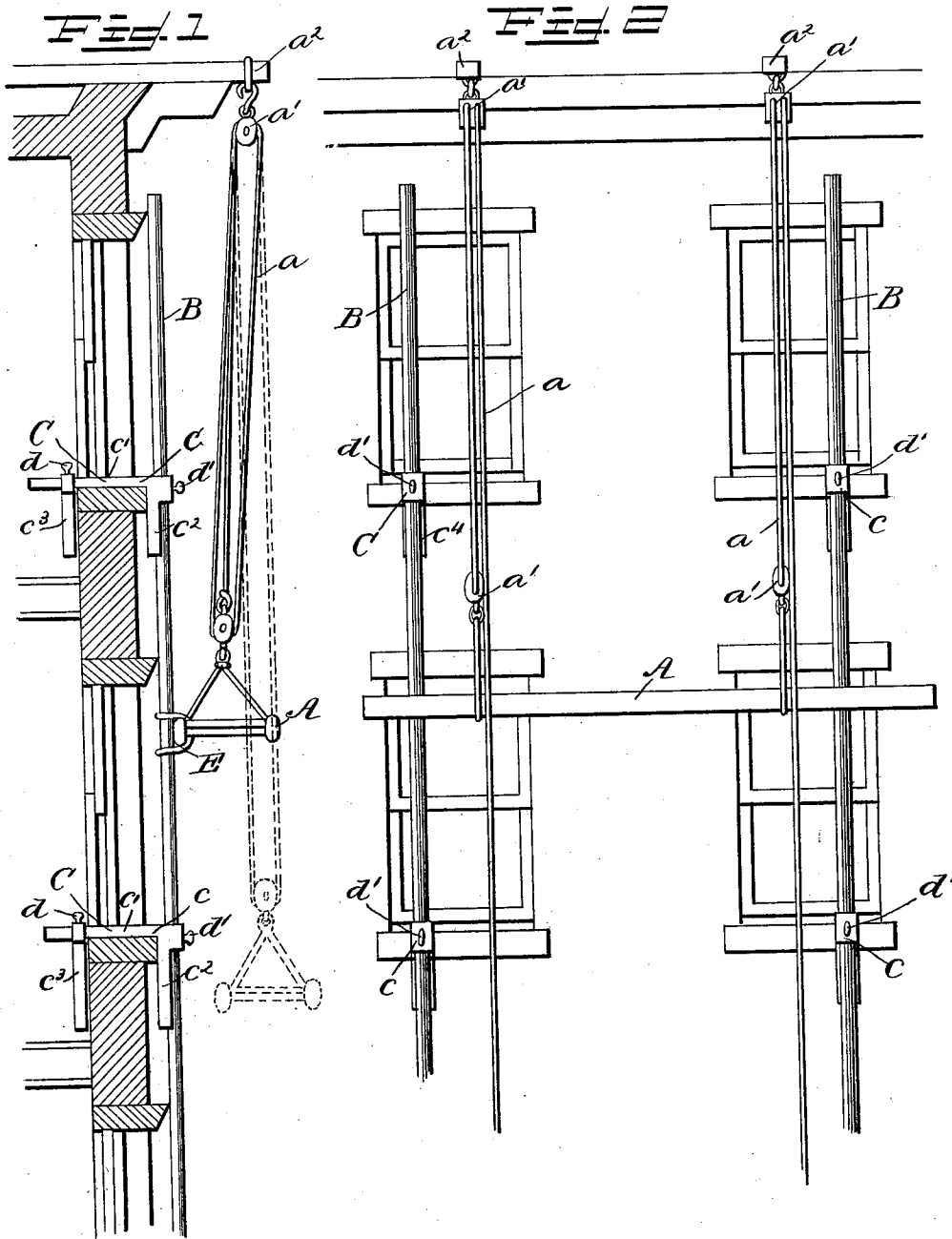


(No Model.)

H. NEDDERMANN.
PAINTER'S SCAFFOLDING.

No. 593,677.

Patented Nov. 16, 1897.



WITNESSES:

C. E. King
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INVENTOR

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UNITED STATES PATENT OFFICE.

HENRY NEDDERMANN, OF NEW YORK, N. Y., ASSIGNOR TO BERTHA NEDDERMANN, OF SAME PLACE.

PAINTER'S SCAFFOLDING.

SPECIFICATION forming part of Letters Patent No. 593,677, dated November 16, 1897.

Application filed March 11, 1897. Serial No. 627,013. (No model.)

To all whom it may concern:

Be it known that I, HENRY NEDDERMANN, a citizen of the United States, and a resident of New York city, county of New York, and State of New York, have invented certain new and useful Improvements in Painters' Scaffolding, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which
10 similar letters of reference indicate corresponding parts.

This invention relates to that class of painters' scaffolding which embodies a suspended ladder or platform adapted to be adjusted vertically.

The object of my invention is to provide a simple and improved scaffolding of this character which can be effectively and safely locked in position at any desired point, where-
20 by positive position and the safety of the workingman is insured.

In the drawings, Figure 1 is an end elevation showing my improved adjustable scaffolding apparatus in position upon a building.
25 Fig. 2 is a corresponding front elevation.

Referring to the drawings, A designates the ladder or platform, which is suspended upon ropes *a* and pulleys *a'*, depending from top supporting beams or brackets *a''*. The foregoing mechanism may be of any usual or adapted construction and mounted in any ordinary manner.

B designates guide-rods comprised in my invention, which are adapted to be secured in vertical position with relation to the front or base of the building and are arranged in parallel position, as shown in Fig. 2, and mounted with respect to the ends of the ladder or platform A. The vertical guide-rods B are carried upon brackets C, adapted to be secured in the window-openings of the building, preferably upon the base or sill. These brackets embody a right-angular main portion *c*, the arms of which, *c'* and *c''*, respectively bear upon the top or outer edge of the window-sill. The top arm *c'* projects inwardly at the window-opening, and upon its inner end is mounted a downwardly-extending arm *c'''*, adapted to bear against the inner edge or face of the window-sill. The bracket is thus securely mounted in position upon the window-sill and embraces both the outer and inner

faces of the same, so that accidental displacement or movement in either direction is obviated. The inner retaining-arm *c'''* is adjustably mounted upon the top arm *c'* to adapt the device for effective use in connection with the various sizes of sills, this adjustable connection being preferably formed by having the arm *c'''* in sliding connection with the arm *c'* and provided with a set-screw *d*, by which it may be secured in adjusted position. The vertical guide-rods B are preferably cylindrical and pass through a corresponding opening in the front arms *c''* or front portion of the retaining-bracket C and are vertically adjustable therein by means of the set-screw *d'*. The front face of the outer arm *c''* of the supporting-bracket is preferably provided with a concaved channel *c'''*, within which rests the vertical guide-rod B, by which construction a braced and more secure connection is formed.

In the operation of the apparatus the ladder or platform A may be vertically adjusted by means of the suspending-rope *a*, as desired, and when in the desired relative position it may be secured or fastened to the guide-rods B by means of a rope or loop E at any point upon said rods to safely and effectively retain it in its adjusted position.

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

1. In a scaffolding of the class described, the combination, with the ladder or platform suspended upon ropes, of the vertical guide-rods mounted with relation to the front of the building or other surface, the supporting-brackets carrying said guide-rods and embodying the right-angular main portion having the top arm and downwardly-projecting outer arm and the downwardly-extending inner arm adjustably mounted upon the top arm, and means for connecting the suspended ladder or platform with the guide-rods, substantially as and for the purpose set forth.

2. An improved scaffolding of the class described, comprising the supporting-brackets adapted to be secured upon the sills of the window-openings of a building and embodying a right-angular main portion having the inwardly-projecting top arm and the downwardly-extending outer arm and the downwardly-extending inner arm adjustably

mounted upon said top arm, and vertical
guide-rods mounted with relation to the front
of the building and adjustably connected
with the outer portion of the supporting-
5 brackets, in combination with a suspended
ladder or platform having a vertical adjust-
ment with relation to said guide-rods, and
means for connecting the platform and rods,
substantially as and for the purpose set forth.
10 3. An improved scaffolding of the class de-
scribed, comprising the supporting-brackets
adapted to be secured to the sills of the win-
dow-openings of a building and embodying
the right-angular main portion having the
15 inwardly-extending top arm and downwardly-
projecting outer arm and the downwardly-
extending inner arm having a sliding connec-
tion upon the top arm and provided with the
adjusting set-screw, the outer portion of said

bracket having a vertical opening, and ver- 20
tical guide-rods mounted with relation to the
front of the building and passing through the
openings in said brackets and adjustable in
the latter by means of a set-screw, in combi-
25 nation with a suspended ladder or platform
having a vertical movement with relation to
said vertical guide-rods, and means for con-
necting the platform and rods, substantially
as and for the purpose set forth.

In testimony that I claim the foregoing as 30
my invention I have signed my name, in pres-
ence of two witnesses, this 9th day of March,
1897.

HENRY NEDDERMANN.

Witnesses:

C. SEDGWICK,

M. G. MACLEAN.