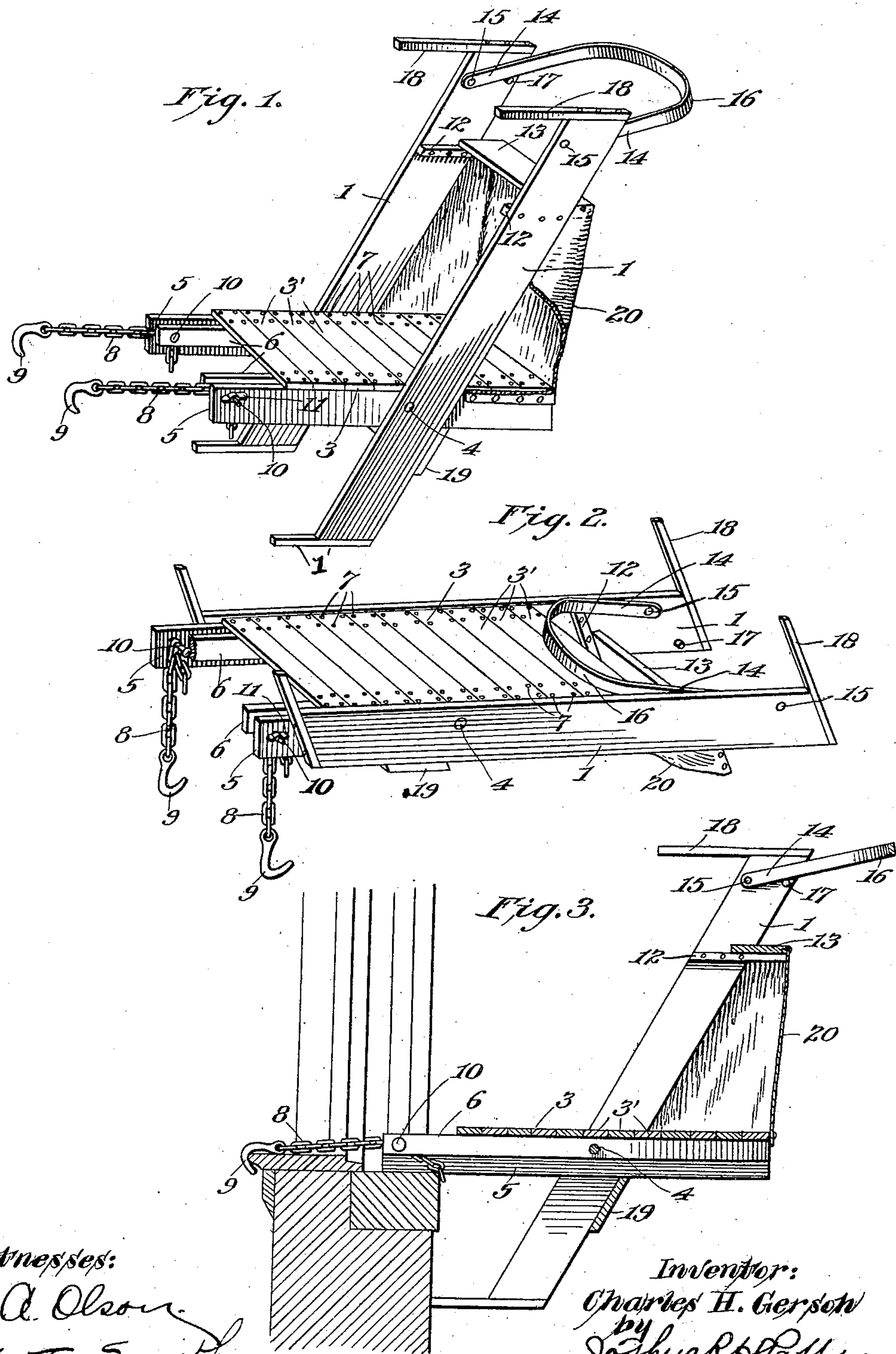


C. H. GERSCH.
WINDOW SCAFFOLD.
APPLICATION FILED SEPT. 28, 1908.

917,046.

Patented Apr. 6, 1909.



Witnesses:
A. A. Olson
W. C. Smith

Inventor:
Charles H. Gersch
by
Joshua R. Potts.
Atty.

UNITED STATES PATENT OFFICE.

CHARLES H. GERSCH, OF CHICAGO, ILLINOIS.

WINDOW-SCAFFOLD.

No. 917,046.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed September 28, 1908. Serial No. 454,997.

To all whom it may concern:

Be it known that I, CHARLES H. GERSCH, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Window-Scaffolds, of which the following is a specification.

My invention relates to scaffolds and more specifically to that class of the same adapted to be applied to a window-casing.

The object of my invention is to provide a device of the character mentioned which may be readily and quickly applied to or removed from a window-casing, and one which, when arranged in position, will be adapted to support a person so as to facilitate readily cleaning the window-panes, for painting and for other purposes.

A further object of my invention is to provide a device of the class mentioned which when not in use may be folded into a compact form for storing or transportation.

A further object of my invention is to provide a device of the class mentioned which will be strong and durable, simple of construction, hence, of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view, my invention consists in a scaffold characterized as above mentioned, and in certain details of construction and arrangement of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a perspective view of my device in its preferred form, showing the position the different parts assume when the device is in use, a portion of the device being broken away so as to better illustrate its construction, Fig. 2 is a perspective view thereof showing the same in folded position, a portion of the same being broken away so as to better illustrate its construction, and Fig. 3 is a vertical longitudinal section of the same showing how it is applied to a window-casing, the latter also being shown in section.

Referring now to the drawings, 1 indicates parallel braces or supporting members, the same, when the device is in use, being obliquely disposed. Pivotally secured to and between said braces close to the inner

edges thereof, for a reason that will be obvious from the following, and at a little distance below the center of the same, is a platform 3, said platform being constructed in any suitable manner but preferably as I have shown in the drawings, of transversely extending members 3'. Said pivotal connection as above stated is preferably facilitated by means of a tie-bolt 4, said bolt extending through the braces 1 and two pairs of parallel supporting arms of said platform 3 at substantially the middle of the latter, 5 and 6 indicating respectively, the outer and inner members of said pairs of supporting arms. Said supporting members 5 and 6 are preferably spaced apart slightly, as clearly shown in Figs. 1 and 2, making the platform 3, the members 3' of which are secured to said members 5 and 6 by means of nails or screws 7, more rigid and for other reasons which it will be obvious as the description proceeds. Secured to the inner ends of said platform supporting arms are chains 8 of any ordinary or preferred form. The outer extremities of said chains are supplied with metal hooks 9 of any suitable form, said hooks being adapted when the device is positioned outside of a window to engage the inwardly projecting edge of the window-casing, hence, acting as a means of supporting the device.

In order to provide for the attachment of my device to window-casings of various thicknesses, I supply each of the inner ends of the pairs of platform supporting arms 5 and 6 close to the extremities thereof with a transversely extending bolt 10, said bolts resting loosely in said end portions of said members, the same being held in position by thumb-nuts 11 threaded thereon. Said bolts are adapted to engage or rest in links of the chains 8, the latter being positioned upon said bolts between said members 5 and 6. By this provision it is obvious that the links of the supporting portions of the chains 8 may be regulated at will, hence, facilitating adjusting my device to a window-casing of any width within ordinary range.

Resting upon, that is, secured to supporting arms 12, the latter being suitably secured as by nails, or screws in a horizontal plane to the inside surfaces of the upper portion of said brace members 1, is a seat 13, the latter preferably projecting slightly beyond the outer edge of said brace members 1 as shown for obvious reasons. Having its end

portions 14 pivotally secured as at 15 to the upper end portions of said brace members 1, say about 6 or 8 inches above the seat 13 is a substantially semi-circular band 5 16. Said band is formed of either wood or metal and is supported in slightly obliquely extending positions by resting upon stops 17 provided upon the inner surfaces of the brace members 1 for that purpose, said member 10 16 acting as a backing against which the device user may lean when working. 18 indicate guard rails which are preferably formed of wood, the same are secured to the horizontally extending upper edges of the 15 brace members 1 and project inwardly any suitable distance therefrom.

When the device is attached to a window the inner end portions of the platform supporting arms 5 rest upon the window sill, 20 the lower extremities of the brace members 1 which are provided with inwardly projecting rods 1' contacting the wall of the building. In order to firmly and rigidly hold the platform and the brace members 25 1 in position with relation to each other when the device is in use, and further in order to rigidly connect and space apart said brace members at their lower extremities, I provide a cross-piece 19, the same being suitably secured as by nails or screws at either 30 of its extremities to the outer edges of the brace members 1. Said member 19 is so positioned that when the device is in position for use, the upper edge of said member will 35 abut the under edges of the platform supporting arms 5, obviously serving as before stated to keep said platform and brace members in fixed position with relation to each other.

40 In order to shield the skirts of a woman against the wind when using the device I may provide the same with a flexible shield 20 preferably of canvas, the upper edge of the same being tacked to the outer edge 45 portion of the seat member 13 and the lower edge of the same being tacked to the outer edge of the platform members 3' as clearly shown in Fig. 1. However the last-mentioned provision is not an essential element 50 of my invention, but may be employed if desired.

It is obvious that when not in use the platform 3 and backing member 16 may be folded together, in which case the scaffold 55 will be in a compact form as shown in Fig. 2 for the purpose of storing or transporting the same.

While I have shown what I deem to be the preferable form of my device I do not wish 60 to be limited thereto as there might be many changes made in the details of construction and arrangements of parts without departing from the spirit of my invention. I also wish it understood though I have designed 65 my apparatus for the special purpose of at-

taching the same to a window-casing I may use it at any other place to which it is applicable.

Having described my invention what I claim as new and desire to secure by Letters 70 Patent, is:

1. In a scaffold of the class described, consisting of parallel obliquely disposed brace members, a platform pivotally secured thereto, a seat and backing member secured 75 to said brace members at the upper end portions thereof, and means provided at the inner end portions of platform supporting members for attaching the scaffold to the inwardly projecting edge of a window-casing, 80 substantially as described.

2. In a scaffold of the class described, consisting of parallel obliquely disposed brace members, a horizontally disposed platform pivotally secured at substantially its middle 85 to and between said brace members at a point below the middle thereof, said pivotal connection comprising a tie-bolt extending through said brace and the platform supporting arms, a seat and backing members 90 secured to said brace members at the upper end portions thereof, and means provided at the inner end portions of said platform supporting members for attaching the scaffold to the inwardly projecting edge of a win- 95 dow-casing, substantially as described.

3. In a scaffold of the class described consisting of parallel obliquely disposed brace members, a horizontally disposed platform pivotally secured thereto, said platform be- 100 ing arranged and fixed upon pairs of supporting arms, the members of the pairs of said supporting arms being so positioned as to form an interval between said pairs, a bolt transversely disposed and loosely resting in 105 the inner end portions of each of the pairs of said supporting arms, a thumb-nut threaded upon said bolt, and chains the links of the same being adapted to be positioned between said supporting arm members and to receive 110 said bolt, each of said chains being provided with a hook at the outer extremity thereof, substantially as and for the purpose specified.

4. In a scaffold of the class described, con- 115 sisting of parallel obliquely disposed brace members, a horizontally disposed platform pivotally secured to and between said brace members, a seat, said seat being fixed to horizontally disposed supports, said sup- 120 ports being fixed to said brace members at the upper end portions thereof, a back member formed of a substantially circular band, the ends of said band being pivotally secured to the upper end portions of the brace mem- 125 bers, means for holding said band in an outwardly and upwardly position, substantially as and for the purpose specified.

5. In a scaffold of the class described consisting of parallel obliquely disposed brace 130

members, a platform pivotally secured to
and between said brace members, a hori-
zontally disposed cross-piece fixed to said
brace members upon the outer edges thereof
5 and extending between the same, said cross
piece being so positioned that when the de-
vice is in position for use the outer end por-
tion of the platform will abut the upper
edge thereof, substantially as and for the
10 purpose specified.

6. In a scaffold of the class described, con-
sisting of parallel obliquely disposed brace
members, a platform pivotally secured to
and between said brace members, a seat sup-
15 ported between said brace members at the

upper end portions thereof, and a piece of
flexible material, the upper and lower edges
of the same being respectively secured to the
outer edges of said seat member and said
platform, said material being adapted to act 20
as a wind-shield, substantially as and for the
purpose specified.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

CHARLES H. GERSCH.

Witnesses:

ANNA L. EKVALL,
JANET E. HOGAN.