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S. M. MOATS

2,560,122

WINDOW SCAFFOLD

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Fig. 1.

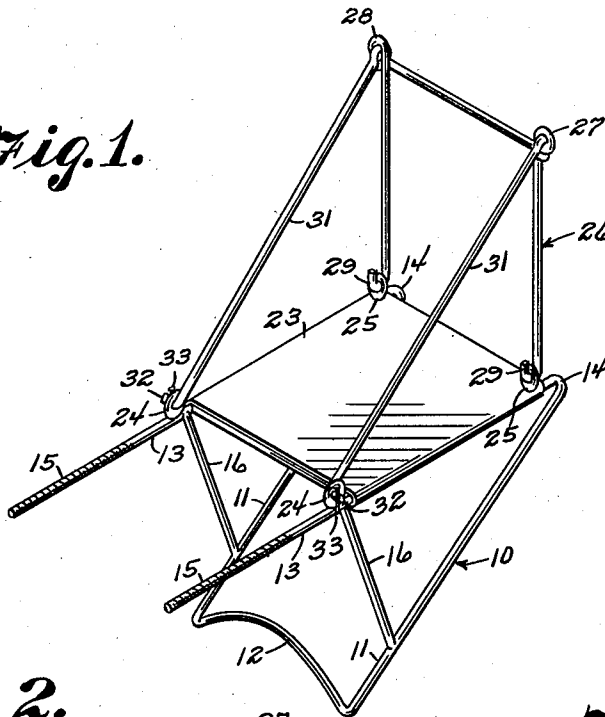


Fig. 2.

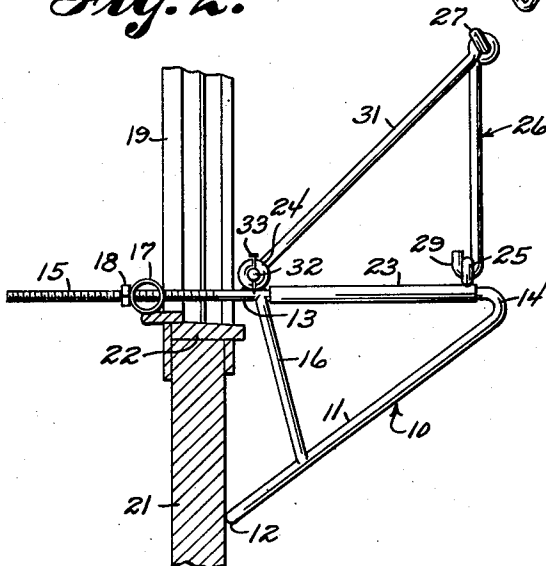
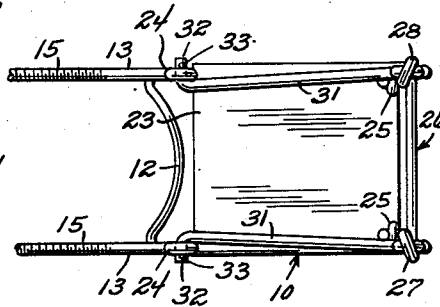


Fig. 3.



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WINDOW SCAFFOLD

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1 Claim. (Cl. 304—27)

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This invention relates to window scaffolds and more particularly to a back rail therefor.

It is an object of the present invention to provide a window scaffold with a back rail which can be detached from the window scaffold when the window scaffold is to be stored and which can be folded to consume little space.

Other objects of the present invention are to provide a combined window scaffold and back rail which is of simple construction, easy to install on the window, has minimum parts, formed of rod or pipe, inexpensive to manufacture and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a perspective view of the window scaffold with the back rail attached thereto.

Fig. 2 is a side elevational view of the scaffold with the back rail thereon and the scaffold assembled within a window opening.

Fig. 3 is a top plan view of the combined scaffold and back rail.

Referring now to the figures, 10 represents a window scaffold formed of a continuous rod or pipe bent into U-shape as indicated at 11 having a closed portion 12 and legs 13 bent back at 14 and threaded on their free ends as indicated at 15. The bent back portions of the legs are braced against portions of the legs adjacent the closed end portion 12 by braces 16 welded to the leg portion at the points of their connection therewith.

A long pipe 17 is extended onto the threaded portions of the legs and retained in place by nuts 18. This pipe engages the inner face of the window frame 19 while the closed end portion 12 engages with the exterior of building wall 21 below window sill 22.

A seat formation 23 is connected between bent portions 13 of the scaffold legs. On these bent portions 13 and extending through the seat 23 are welded at opposite legs, two longitudinally spaced eyes 24 and 25. The eyes 25 receive a U-shaped back rail member 26 having laterally spaced loops 27 and 28 on its upper end and hook formations 29 adapted to enter the eyes 25 to be retained thereby at the rear of the window scaffold. At each side of the member 26 and attached to the respective loops 27 and 28 are braces 31 having outwardly bent ends 32 adapted to extend through the eyes 24 and be secured therein by cotter pins 33. The back rail thus comprises the U-shaped member 26 and the braces 31. By detaching the bent end

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32 of the braces 31 from the eyes 24 and the hook formations on the leg portions of the U-shaped member 26 from the eyes 25, the entire back rail can be removed from the window seat and the braces 31 folded upon the member 26.

The window scaffold can be easily pulled into the window when not being used without the disengagement of any of the parts. The back rail parts when removed from the window scaffold can be folded together and will consume little space. This back rail will form protection for the person using the scaffold and as a back rest against which the person may lean while working on the window. This back rail makes the window scaffold a safe device. The user of the scaffold cannot now fall backward from the scaffold.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

I claim:

A window scaffold comprising a continuous rod bent into a U-shaped member having a closed portion and leg portions, each of said leg portions being bent to form a pair of parallel V-shaped portions having a top leg portion and a bottom leg part, a brace member extending between and secured to the leg parts of each leg portion, means adapted to secure the top leg parts to the inner side of a window frame, longitudinally spaced front and rear eye formations on each top leg part, a U-shaped back rest having leg portions with detachable hook formations engaged in the rear eye formations of the top leg parts brace members each having an eye end and a bent end, said U-shaped back rest having loops laterally spaced from one another at its upper end, said brace members extending respectively from the said detachable engagements of their bent ends with the front eye formations to hinged engagement with the loops on said U-shaped back rest by means of their eye ends, and a seat on the top leg parts.

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REFERENCES CITED

The following references are of record in the file of this patent:

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