June 6, 1933. J. MARTIN 1,912,947

PORTABLE SCAFFOLDING

Filed Jan. 13, 1930

Fig. 1.

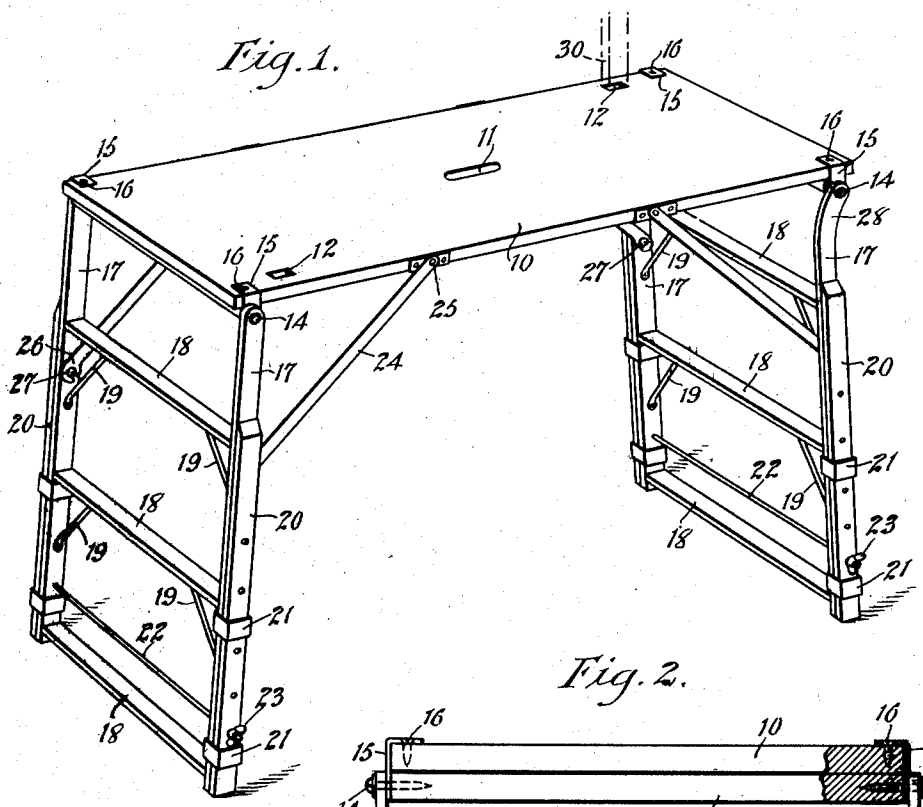


Fig. 2.

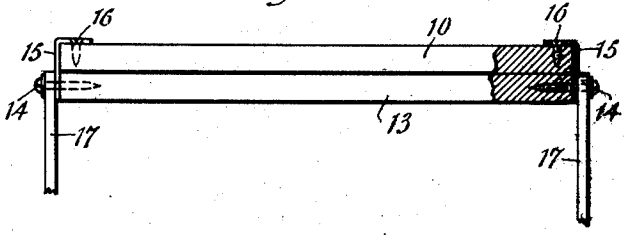


Fig. 3.

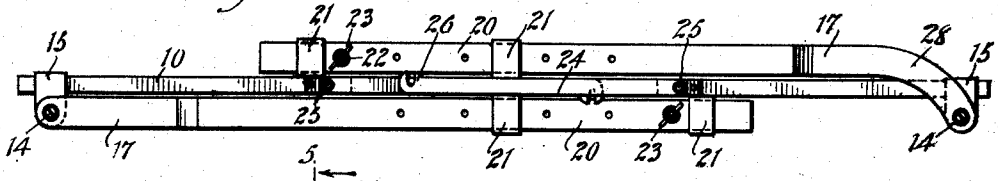


Fig. 4.

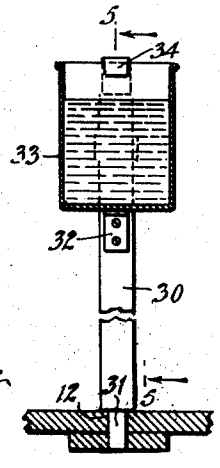
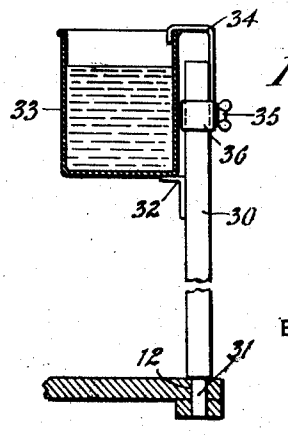


Fig. 5.



WITNESSES

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PORTABLE SCAFFOLDING

Application filed January 13, 1930. Serial No. 420,522.

This invention relates to portable scaffolding.

It is among the objects of the present invention to provide a novel and improved foldable scaffolding particularly designed for painters' use or the like.

It is a further object of the present invention to provide in a portable and foldable scaffolding, improved extensible leg members which are telescopically arranged to provide for controlling the height of the scaffolding platform.

A further object of the present invention is to provide in a foldable scaffolding, improved legs having pivotal connecting means whereby in folded position one of the leg structures will lie over the platform while the other leg structure will lie under the platform, thus to provide for the compact folding of the scaffolding when in portable position.

A further object of the present invention is to provide a portable scaffolding including an apertured platform adapted to receive a novel receptacle support.

A still further object of the present invention is to provide a novel and improved receptacle support adapted for receiving a paint can or the like and for supporting it from a scaffolding platform.

Further objects and features of the present invention include the novel and improved combination and interrelation of parts, whereby the whole forms a simple and efficient structure particularly designed to meet the demands of economic manufacture.

Other objects of the present invention will be apparent from a consideration of the following specification taken in conjunction with the accompanying drawing, in which

Figure 1 is a perspective view of one form of the present invention in unfolded supporting position;

Fig. 2 is a detail end elevation partly in section;

Fig. 3 is a side elevation of the scaffolding in folded portable position;

Fig. 4 is a detail view of the receptacle support showing the receptacle in section, and

Fig. 5 is a view taken on lines 5—5 of Fig. 4.

Referring more particularly to the drawing, it will be seen that the scaffolding includes a supporting platform 10, the center of which is provided with a hand-hold aperture 11 adapted to receive the hand for carrying the scaffolding when in folded position. The platform is further provided with receiving apertures 12 in diametrically opposite corners, which are adapted to receive the lower extremitv of the receptacle support, as will be hereinafter described. At each end of the platform, there is provided a transverse reinforcing strip 13, the ends of which receive the pivoting screws 14 of the leg assemblies. For reinforcing the end structure of the platform and for assisting in the securement of the reinforcing strips 13 with the platform, there are provided substantially L-shaped metallic brackets 15, the upper angular portion of which extends over the platform and is secured thereto by screws or equivalent securing means 16. The lower ends of the brackets are apertured to respectively receive therethrough the pivoting screws 14, to thus provide metallic bearing surfaces for the inner faces of the leg assemblies.

The supporting structure or leg assemblies of the scaffolding are substantially alike for each leg and include leg members 17 pivotally associated with the platform through the pivoting screws 14. The leg assemblies constitute ladders by the provision of steps 18 extending therebetween, the steps being preferably braced by angularly extending brace members 19 or their equivalent. Each leg of the supporting structure further includes a movable extension 20, which extensions are telescopically received through bracing and securing rings 21, the extensions 20 being arranged for securement in their adjusted position by cross tie bolts 22, the extremities of which pass through registering apertures in the leg and extension. The extremities of the tie bolts 22 are provided with removable nuts 23, which for adjustment may be removed to allow the withdrawal of the bolts 22, whereby the extension may be moved to cause the

registration of a different aperture with the aperture of the leg, thus to adjust the projection of the extension beyond the leg to vary the height of the platform.

For securing the leg assembly in angular relation with respect to the platform for supporting the platform, pivoted latches 24 are provided pivotally associated with the platform as at 25, their opposite free ends being provided with hooks 26, which are adapted to engage projections 27 on the inner face of the legs, thus to retain the legs in their angular supporting relation with respect to the platform.

For permitting the folding of the leg assemblies parallel to the platform without interference therebetween, it will be seen that the legs of one of the assemblies terminate at their upper end in curved portions, as at 28. The arrangement is such, as shown in Fig. 3, that the leg assembly, including the legs having curved portions, is adapted to fold upwardly and over the upper surface of the platform 10, while the opposite leg assembly, the legs of which are straight, folds parallel to the platform on its lower side, whereby the whole may be folded in a compact manner to be carried.

Referring more particularly to Figs. 4 and 5 of the drawing, it will be seen that the invention includes a novel receptacle support. The support includes a standard 30, the lower end of which is reduced as at 31, to be received within the receptacle apertures 12 of the platform 10; the arrangement being such that the receiving apertures support the standard in rigid vertical position. If desired, the reinforcing strips 13 may be extended, as shown, to provide a continuation of the receiving apertures 12 to more firmly retain the standard in position. Intermediate the ends of the standard 30, a supporting bracket 32 is suitably positioned and is adapted to receive the bottom of a receptacle 33, the upper edge of the receptacle being secured by a downwardly-extending terminal of a bracket 34, slidably positioned on the standard 30, its securement in adjusted position being provided for by a screw 35 in combination with a standard-encircling ring 36. The arrangement is such that a paint can or the like may be rested upon the bracket 32 and secured against standard by the terminal of the adjustable bracket 34. When it is desired to remove the receptacle, the bracket 34 is raised, thus disengaging the upper end of the receptacle, whereby it may be moved from the bracket 32.

From the foregoing, it will readily be seen that the present invention provides a novel, simple and improved foldable and adjustable scaffolding, in combination with an improved receptacle support. It will be understood that the present invention is not confined to the structural details herein illustrated, but that numerous changes, modifications and the full use of equivalents may be resorted to without departing from the spirit or scope of the invention as outlined in the appended claims.

What is claimed is:

1. A portable and adjustable scaffolding including a platform, leg assemblies including telescopically arranged extensions movable to project beyond the extremities of the legs of said assembly to increase the height of said platform, the extremities of said platform having transverse members, pivots on said transverse members, said leg assemblies including legs, the upper extremities of which are pivotally connected with said pivots, and brackets arranged to overlie the platform and to extend across the ends of said transverse members, whereby said pivots will extend through said brackets to unite said platform and transverse members.

2. A portable scaffolding including a platform, leg assemblies for the platform, transverse members respectively secured to the opposite ends of the platform on the under side thereof, pivots on the transverse members, and brackets secured to the platform and overlying the ends of the transverse members respectively and through which the pivots extend respectively, the upper extremities of said leg assemblies being pivotally connected with said pivots respectively for the movement of the assemblies to folded and supporting positions in relation to the platform.

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