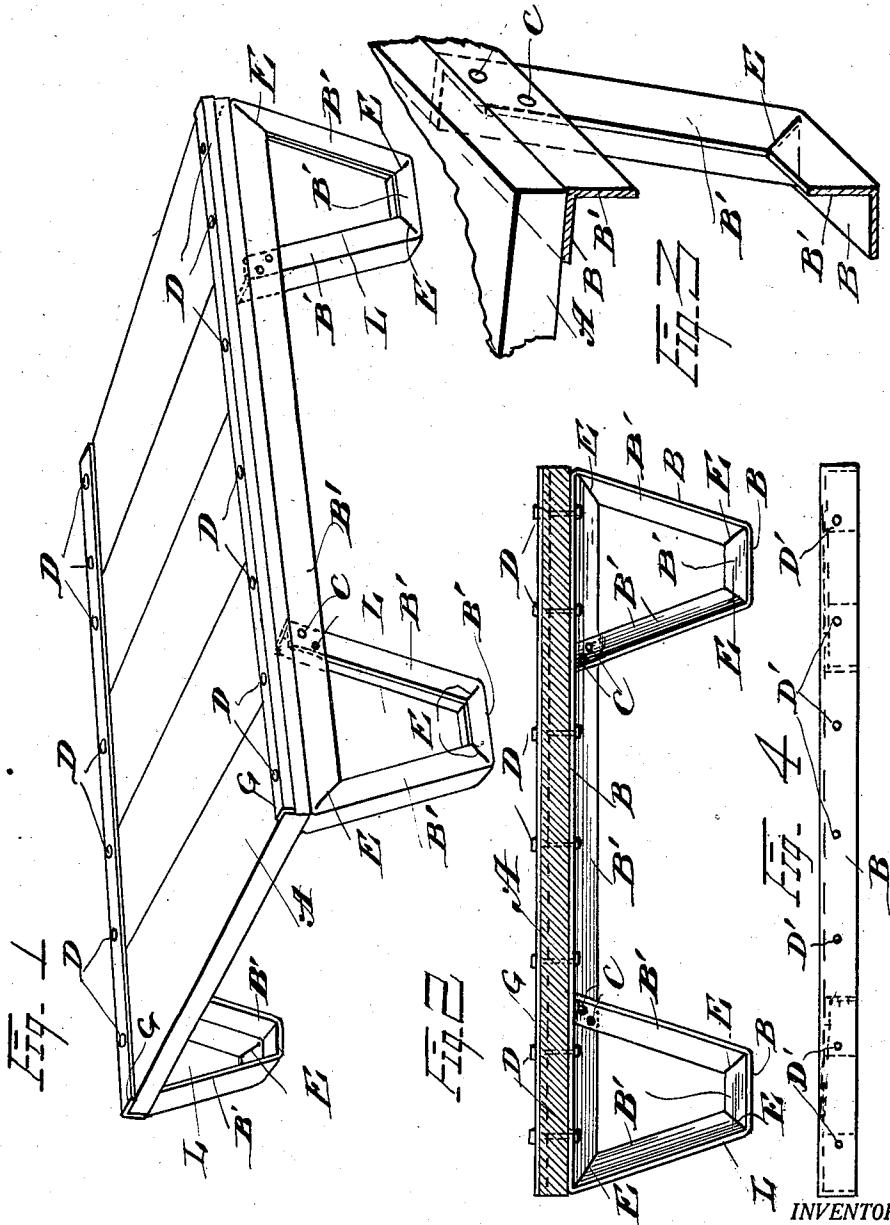
Feb. 25, 1930. B. F. SCHMOLDT 1,748,621

SKID PLATFORM

Filed June 15, 1925



INVENTOR.

Bernhardt F. Schmoldt

BY

ATTORNEY.

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BERNHARDT F. SCHMOLDT, OF CLEVELAND, OHIO

SKID PLATFORM

Application filed June 15, 1925. Serial No. 37,226.

The objects of the invention are to provide simple, practical and efficient steel legs for a portable warehouse and mill platform, and method of constructing the same.

In the improved device the boards comprising the platform are secured together and supported by means of longitudinal angle bars bent or looped at their ends to form standards or legs, upon which the platform is supported. These longitudinal bars are constructed longer than the platform, and to form legs, the outer or vertical flanges of the angle bars are cut upon the bends at three points, spaced from each other and from the ends of the bar, and triangular portions are removed therefrom, and the horizontal flange is then bent at these cut positions into vertical loops, leaving the width of the horizontal flange to form a broad base for each leg.

The angle bars are arranged at each side of the platform and extend from end to end thereof, and provide rigid reinforcements therefor, and the free ends of the vertical flanges are brought up inside of the vertical flanges upon the horizontal portions of the angle bars and are butted against the horizontal flanges thereon, thus making the structure rigid in the extreme.

The invention is hereinafter more fully described, illustrated in the accompanying drawings and specifically pointed out in the claims.

In the accompanying drawings Fig. 1 is a perspective of the platform, Fig. 2 is a longitudinal section thereof, Fig. 3 is a transverse section on the vertical center of the leg, Fig. 4 is a plan of one angle bar and legs thereon.

In these views A represents an oak or hard wood platform, B, B, represent the horizontal flanges of the steel angle bars secured preferably by means of bolts D, D, underneath the longitudinal edges of said platform, and B′ B′ represent the outer or vertical flanges thereof. These bars are longer than the edges of the platform and the outer or vertical flanges B′ B′ thereof are cut upon beveled lines at E, E, in three positions spaced from the outer ends of the bars, and from each other, and triangular pieces of metal are removed and the horizontal flanges are then bent at these points, first downwardly and then upwardly to form longitudinally spaced legs adjacent to the ends of the platform.

The upwardly bent ends of these legs are brought up inside of the vertical flanges B′ B′ of the horizontal portions of the bars and abut against the inner face of the horizontal flanges B, B, and are then bolted or riveted thereto at C, C, thus making the structure rigid.

The horizontal flanges at the lower ends of the legs form broad bases having smooth bearing surfaces that will not damage the floors, and the legs are properly spaced apart to permit the platform to be handled from either end or side at will of the operator, the distance between the side bars and legs being sufficient for the introduction of a truck.

The angle bars being secured underneath the platform provide a rigid support therefor and the sides of the looped ends are preferably inclined toward each other, thus forming braced supports that are integral with the reinforcing bars and are rigid and durable in use and will not sag or lose their shape under a heavy load.

The longitudinal upper edges of the platform may also be reinforced by means of angle bars or plates G through which the bolts D, D, may pass.

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

1. In a portable platform of the class described, legs therefor, each comprising an elongated angle bar having one vertical flange and one horizontal flange, and its extremities extending downwardly, and then horizontally parallel with the body of the bar, and

thence upwardly and engaged with the body of the same bar at spaced positions thereon.

2. In a portable platform of the class described, legs therefor, each comprising an elongated angle bar having one vertical flange and one horizontal flange, and its extremities extending downwardly, and then horizontally parallel with the body of the bar, and thence upwardly and engaged with the body of the same bar at spaced positions thereon, said upwardly turned extremities being attached to the vertical flanges of said bars.

In testimony whereof, I hereunto set my hand this 8th day of April, 1925.

BERNHARDT F. SCHMOLDT.