

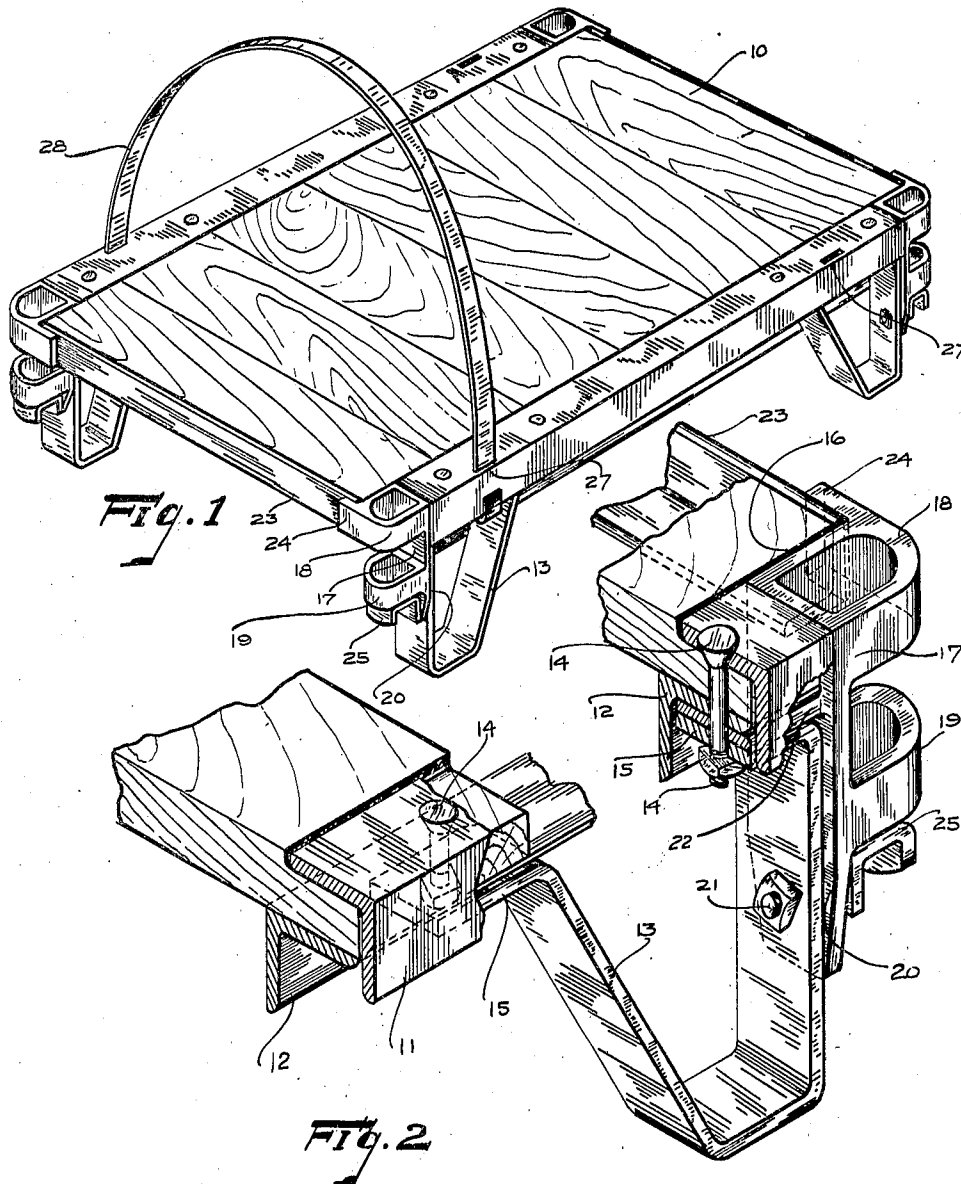
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SKID

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1,944,845

SKID

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2 Claims. (Cl. 248—41)

This invention relates to portable skid platforms adapted for use with industrial lift trucks.

More particularly, this invention relates to the construction of a portable skid platform having corner forming members which are adapted to hold stakes used to facilitate the stacking of a load on the skid.

It is one of the objects of this invention to devise a type of corner forming iron member, which will lend itself to fabrication into a stake holding pocket, and which will, at the same time, strengthen the skid platform, and allow manipulation of the load and the platform with facility.

It is a further object of this invention to devise a type of stake pocket which will cooperate with a preferred type of skid platform construction, disclosed in the patent to Stuebing 1,575,462 granted on March 2, 1926. A still further object of the invention is to so arrange the stake-holding pockets and limiting means for stakes occupying those pockets, that said limiting means may be useful for the fastening of a rope for handling the skids or for securing the load.

Still further objects of my invention will readily appear after a perusal of the following specification, in which one embodiment of my invention is described in connection with the drawing accompanying this application.

In the drawing, Fig. 1 is a perspective view showing my new type of skid platform. Fig. 2 is a partial section and perspective view of the same showing in detail the application of re-enforcing members to the skid platform, and the cooperation therewith, of my new type of stake holding pockets.

Referring now more particularly to the drawing, it will be seen that my type of skid platform designated in general by the reference numeral 10, is preferably composed of a series of wooden boards held together by a pair of structural angle irons 11 and 12.

Each of these angle irons has a downwardly extending flange, these flanges forming together a channel which is useful for the purpose of maintaining in a desired position, a series of legs 13. As is shown, these legs are secured in the channel by bolts 14, these bolts passing through the angle irons 11 and 12 as well as the horizontal portions 15 of the legs 13, as appears quite readily in the drawing.

Insofar as the mounting of the channel irons 11 and 12 and the legs 13 is concerned, the particular construction is indicated in the Stuebing patent designated above. My invention is described as applied to this type of construction,

since it is especially adapted to cooperate with the same. However, it is entirely possible for my invention to be applied to other types of skid platforms. Therefore, while in particular, my invention is directed to the application of the corner forming irons to the particular skid platform described herein, it should be understood that my invention is broader in scope than thus indicated, and that I do not wish to be limited except as defined in the claims appended hereto.

Each corner of my type of skid platform is cut out as at 16 for the accommodation of a corner forming and stake holding pocket 17. This stake holding pocket has a pair of ears 18 and 19 which are adapted to accommodate a stake for cooperation with the load as will be readily understood.

The iron 17, has a downwardly extending portion 20 which cooperates with the vertical side of the leg 13 and is bolted thereto by a bolt 21 so as to be maintained in a proper rigid position. The iron 17 has a flange 22 which is adapted to rest between the horizontal portion 15 of the leg 13 and the lower structural iron 12, and in the channel between the downwardly depending flanges of the irons 11 and 12. As shown, the bolt 14, which is used to fasten into position, the two structural angle iron members and the leg 13, is used also to hold the iron 17 in position.

The ends of the skid platform are re-enforced by further structural angle members 23. These members are securely held in position by an extension portion 24 of the corner forming member 17. Thus, this corner forming member not only re-enforces and protects the skid corners, but acts to hold in position and protect the ends of the skid platform, to re-enforce the legs 13, and to receive stakes for maintaining the load in a proper and desired position. The particular construction of the iron, furthermore, lends itself easily for assembly with a type of skid re-enforced and constructed according to the desirable construction described herein.

For limiting the movement of the stake in the loop members 18 and 19, I utilize a stop member 25. This member 25 has a further function in that it may be used to secure a rope for the purpose of lifting the skid by a sling, or for holding a rope usable to hold down the load on the skid.

While I prefer the construction as shown, wherein the leg of the member 13 is secured by a bolt to the iron 17, through its extension 20, it is possible that the leg 13 be welded to this corner forming member 17 and to be secured

to the skid indirectly through the flange of the stake holding member 13.

It is some times necessary to strap the goods on to the skid platform in cases where shipments are to be made. For this purpose, I have provided slots 27 in the upper angle iron 11. A metal ribbon 28 is adapted to enter the slots and to facilitate the securing of the load on to the skid.

While I have shown but one embodiment of my invention, it should be understood that modifications of the same will readily occur to one skilled in the art.

I claim:

1. A portable skid, for use with a lifting truck, comprising a rigid floor and legs secured thereto, said floor being made up of a number of transversely extending boards and longitudinally extending structural iron members embracing the ends of said boards and engaging the upper and lower faces thereof, said structural iron members having depending flanges between which the legs are positioned at each corner of said skid, stake

pockets for said skid adapted to be secured at each corner thereof, a flange on each stake pocket adapted to occupy a position between said depending flanges, said stake pockets being secured to said skid by a bolt passing through each of said structural iron members, through a part of the leg occupying the particular corner in which said pocket is located, and through said skid pocket flange, said pocket having also a downwardly extending portion secured to a vertical portion of said particular corner leg.

2. A portable skid, for use with a lifting truck, having in each corner thereof, a corner forming and protecting iron, a flange on said iron whereby the same may be secured to the skid, the upper surface of each of said corner forming irons being on the level with the skid surface, each of said irons being formed with a stake receiving portion and a stake limiting portion, said stake limiting portion being adapted for use as a rope securing member substantially for the purpose described.

ROWLAND LEE RICKWOOD.

25	100
30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145