Nov. 19, 1929. E. H. POLK 1,736,170

PORTABLE PLATFORM FOR LIFT TRUCKS

Filed June 5, 1928

Fig. 1.

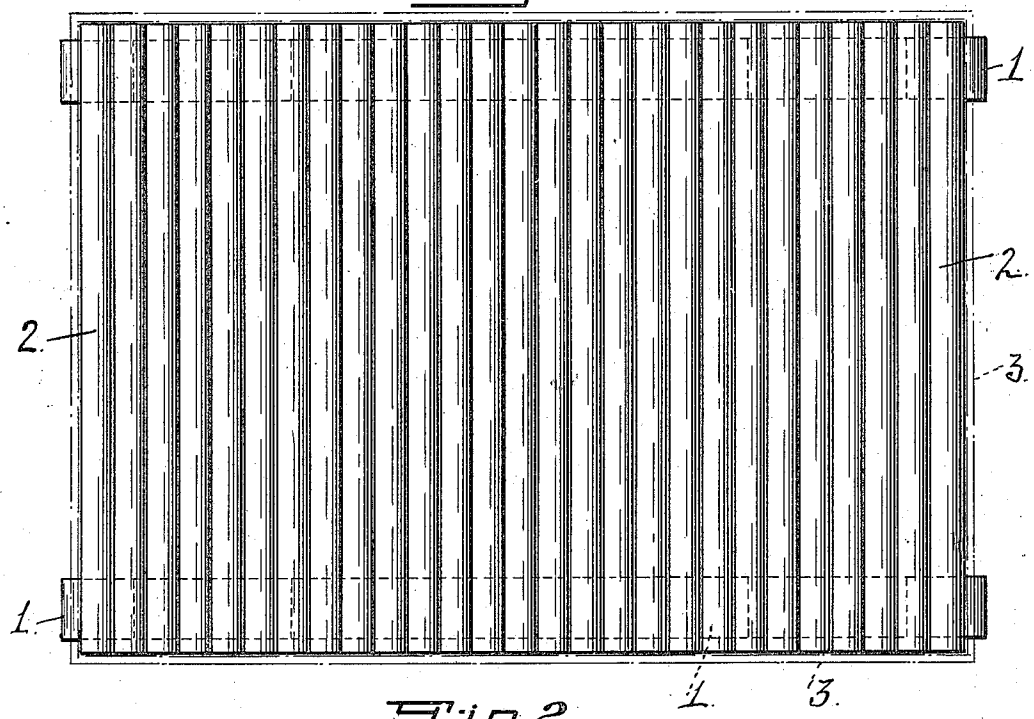
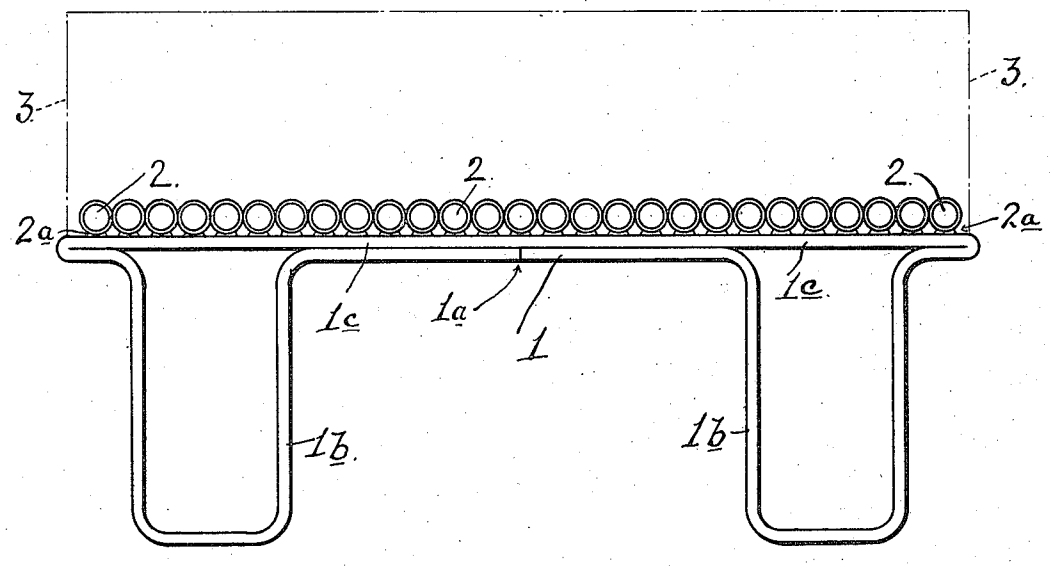


Fig. 2.



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UNITED STATES PATENT OFFICE

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PORTABLE PLATFORM FOR LIFT TRUCKS

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My invention relates to portable platforms of a type used in machine shops for receiving hot objects; said platforms being so constructed as to enable a "lift truck" to be run in under and to jack them up for ready transportation about the shop.

As commonly constructed for use, for example, in railroad shops, such platforms comprise a pair of spaced leg-frames, and a metallic plate or sheet carried by said frames.

It is found that said plate, under the weight and heat of the objects placed upon it, tends to sag or warp, and thus to obstruct the free passage of the lift truck beneath it.

The object of my invention is to obviate this disadvantage, by providing a platform top which will resist this tendency; and to this end my invention consists in a portable platform comprising a pair of spaced leg-frames and a top consisting of a plurality of metallic hollow members carried by said frames.

In the accompanying drawings, to which reference is hereby made, I have shown my improved platform in its preferred form though it will be understood that changes may be made without departing from the spirit of the invention as defined in the claim hereunto appended.

In the drawings—

Figure 1 is a top plan view of my portable platform.

Figure 2 is a side view of the same.

The leg frames 1 are made of wrought iron bars, a single bar for each frame, the ends meeting and welded at 1^a, thence extending oppositely and bent to form the legs 1^b, and finally returned upon itself to form the side rails 1^c, as shown in Figure 2.

Upon these frame rails 1^c and welded thereto at 2^a are metallic hollow members 2, in sufficient number and closely disposed to form the platform top adapted to support the objects placed upon it. These members 2 are, in their best form, tubes open at each end, for the free circulation of air.

In practice I use scrap boiler flues for the tubes, though this is not essential.

Such a platform top as is provided by the tubes 2 does not sag or warp, but preserves a horizontality, enabling the lift truck to freely pass under it. On account of the free circulation of air about and through the tubes, they do not become unduly hot, and they give the top rigidity. An inclosing border frame 3, indicated in dotted lines, may be used when ne essary. It is lighdy fitted upon the leg-frames around the top members 2.

I claim:—

A portable platform for lift-trucks comprising a pair of spaced leg frames each frame consisting of a single iron bar, its end portions joined in horizontal alignment and bent downwardly to form legs, and its middle portion horizontally returned upon the end portions to form a side rail; and a top consisting of a plurality of closely contiguous metallic tubes extending between and secured upon the side rails of said pair of frames.

In testimony whereof I have signed my name to this specification.

EDWARD H. POLK.