

Dec. 28, 1926.

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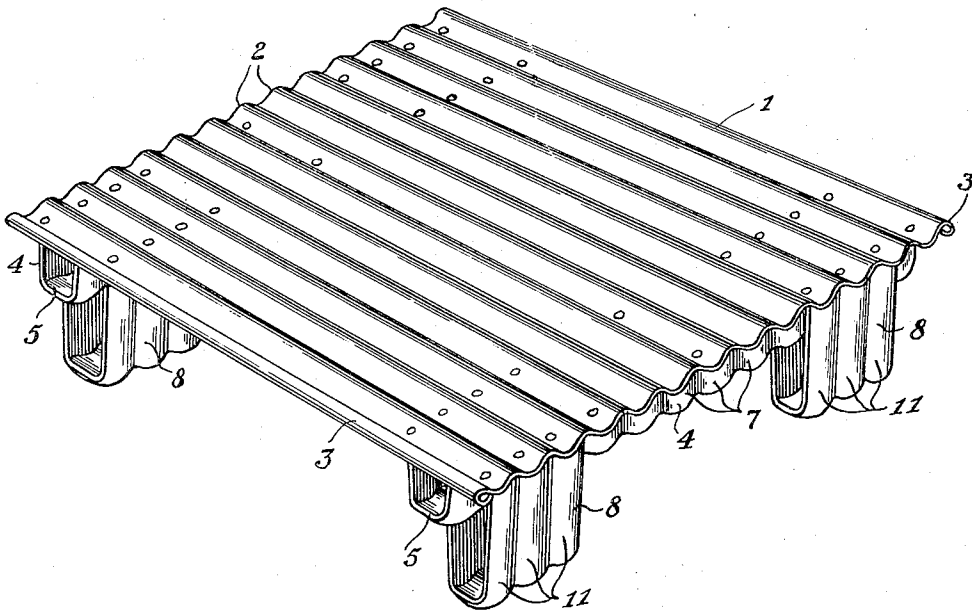
E. G. LEHMAN

TRUCK PLATFORM

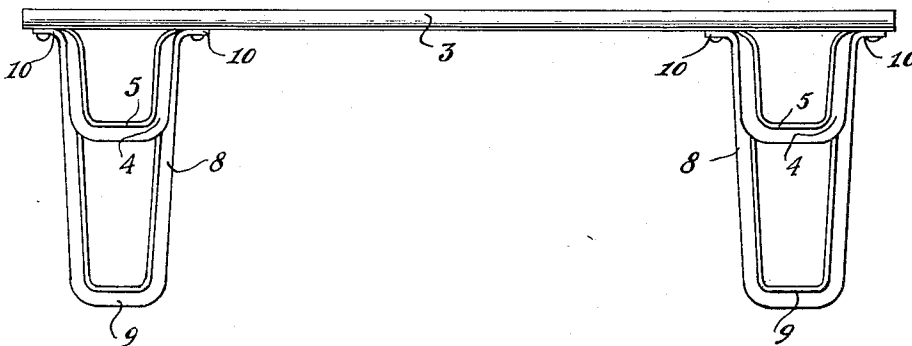
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3 Sheets-Sheet 1

*Fig. 1*



*Fig. 2*



INVENTOR

*Edward G. Lehman*

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ATTYS.

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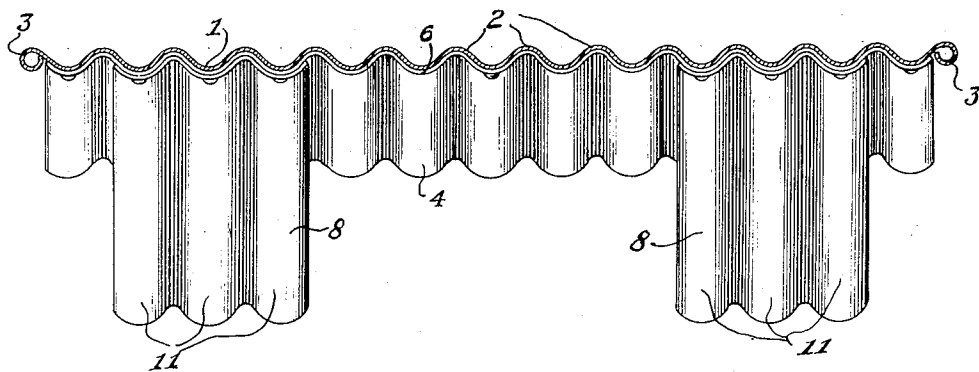
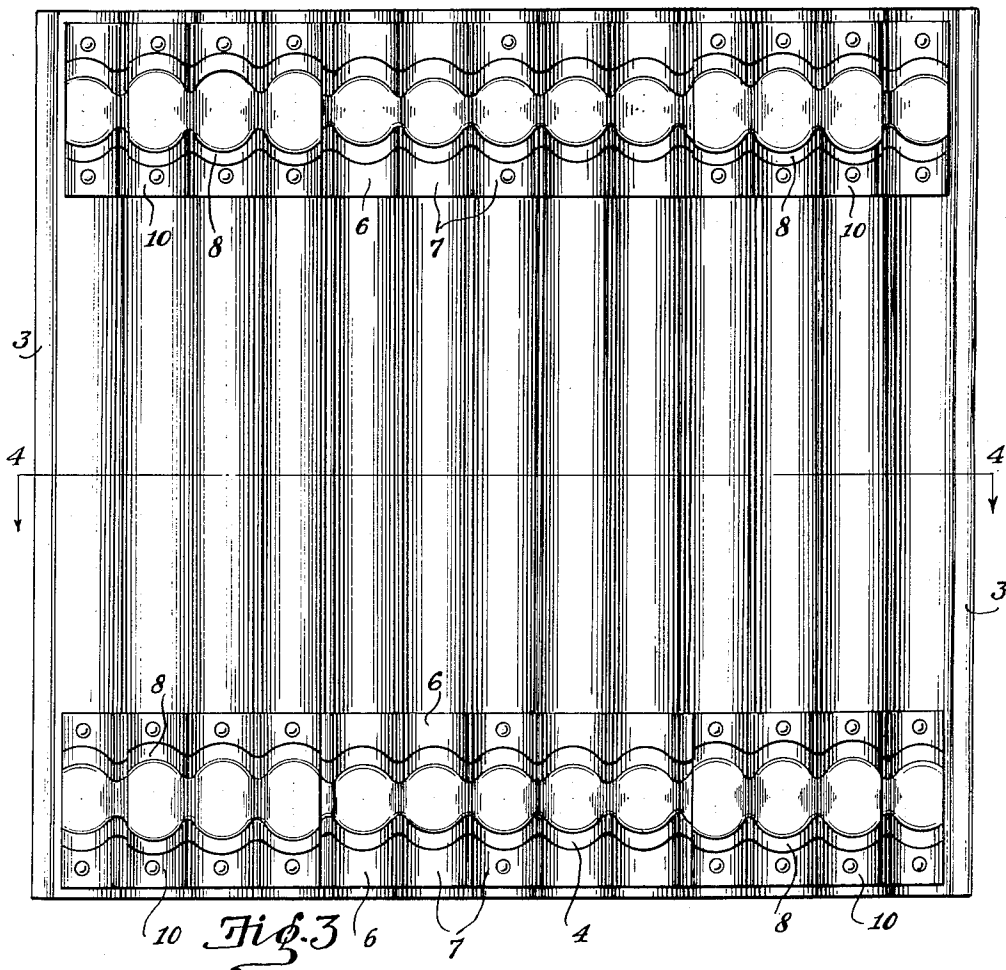
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3 Sheets-Sheet 2



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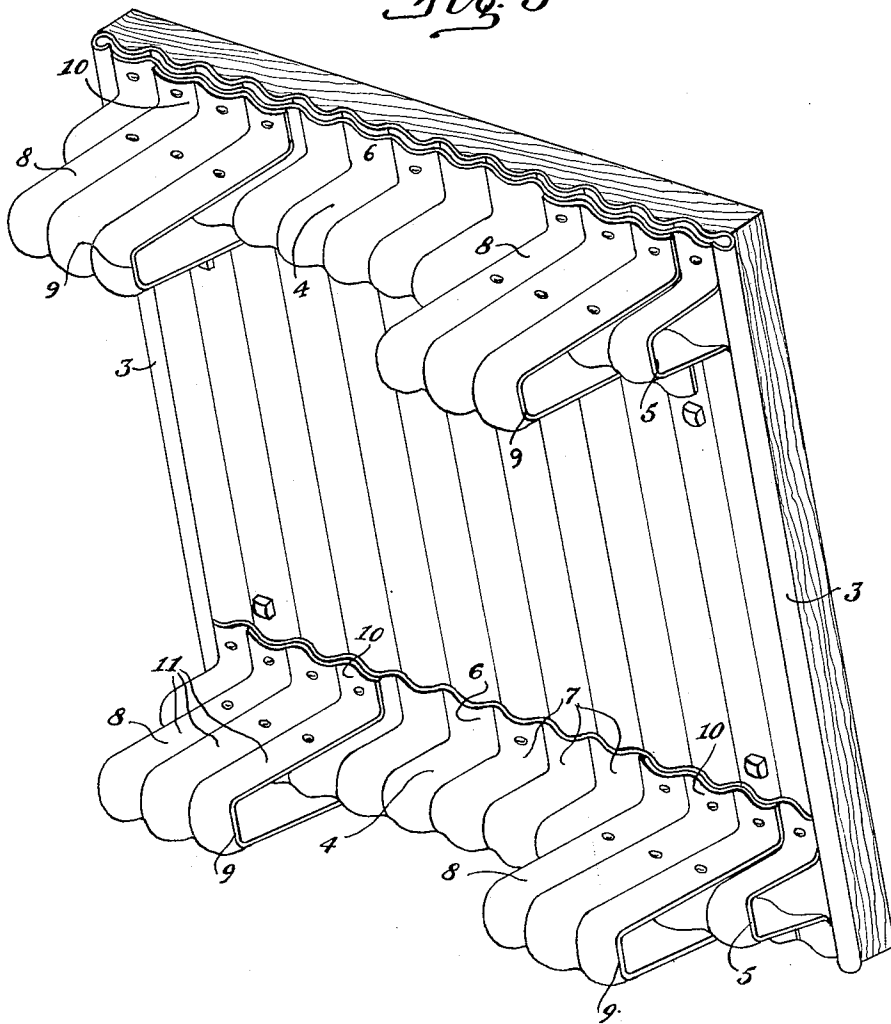
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3 Sheets-Sheet 3

*Fig. 5*



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# UNITED STATES PATENT OFFICE.

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## TRUCK PLATFORM.

Application filed January 14, 1920. Serial No. 351,378.

The invention relates to platforms for elevating trucks; and the object of the improvement is to make the same out of sheet metal in such manner as will increase the strength and durability of the platforms, and their efficiency in carrying the loads imposed upon them.

These objects are attained by combining a transversely corrugated sheet metal table, with a transversely corrugated supporting girder along each side, and transversely corrugated sheet metal supporting legs at the end of the girders, and by nesting or interlocking and riveting the contiguous corrugations together.

The invention is illustrated in the accompanying drawings, forming part hereof, in which—

Figure 1 is a perspective view of a truck platform embodying the invention;

Fig. 2, an end elevation of the same;

Fig. 3, a bottom plan view of the truck platform;

Fig. 4, a sectional view on the line 4—4, Fig. 3; and

Fig. 5, is an inverted perspective view of a modified form of the invention.

Similar numerals refer to similar parts throughout the drawings.

The table 1 of the platform is made of sheet metal and is preferably provided with transverse corrugations 2 throughout its length, for increasing its carrying strength as well as for enhancing its frictional engagement with boxes, bags, and other loads imposed upon it; and the end edges of the table may be provided with the depending tubular beads 3 for strengthening the ends of the table as well as for finishing the same.

The longitudinal supporting girders 4 are also made of sheet metal, formed with a middle depending U-shaped portion 5 and lateral flanges 6 extending horizontally each way from the middle portion. The girders are also provided with transverse corrugations 7 extending throughout its length and across the U-shaped middle and flanged side portions; and these corrugations correspond in width to the table corrugations so that the flange corrugations of the girders will nest or interlock with contiguous corrugations of the table when the parts are assembled, one longitudinal girder usually being provided along or near each side edge of the table.

The supporting legs 8 are likewise made of sheet metal with a middle depending U-shaped portion 9 and lateral flanges 10 extending horizontally each way from the middle portion. The legs are also provided with transverse corrugations 11 extending throughout their length and across the U-shaped middle and flanged side portions, and these corrugations correspond in width to the girder corrugations so that the flange corrugations of the legs will nest with the flange corrugations of the girders, and the side corrugations of the one will interlock with the side corrugations of the other when the parts are assembled as shown in the drawings; one leg being usually provided at or near each end of each girder.

When the parts are thus assembled the interlocking corrugations of the table and the girder and leg flanges are secured together by rivets, spot welding, or like means, and the platform thus completed possesses great rigidity and strength to withstand the various shocks and strains of use, it being understood that the transverse corrugations provided in all the parts, and particularly in the girders and legs, not only strengthens each part in itself, but the nesting and interlocking of the corrugations of the flanges as well as the sides of the U-shaped portions of the girders and legs, gives a combined rigidity and strength to these parts which are not present in plain girders and legs.

It is obvious that the corrugated girders and legs can be used with a wooden table, the bottom of which may be transversely corrugated, as shown in Fig. 5, in which modified form the side corrugations of the girders and legs are preferably riveted together; and that the depending tubular form of the end edges gives them special truss strength to sustain the edges of the table between the transverse girders, and also provides a safe and substantial hand hold by which the table can be lifted without cutting the hands or buckling the table sheet.

I claim:

1. A platform comprising a transversely corrugated sheet metal table, transversely corrugated U-shaped girders having lateral flanges, and transversely corrugated U-shaped legs having lateral flanges, the contiguous corrugations of the table and the flanges being nested and secured together,

and the contiguous side corrugations of the girders and legs being interlocked.

2. A platform comprising a table, transversely corrugated U-shaped sheet metal girders having lateral flanges, and transversely corrugated U-shaped sheet metal legs having lateral flanges, the contiguous corrugations of the flanges being nested and secured to the table, and the contiguous side

corrugations of the girders and legs being interlocked. 10

3. A platform including a sheet metal table provided with transverse corrugations throughout, and U-shaped sheet metal girders and legs having correspondingly corrugated flanges secured to the under side of the table. 15

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