

Jan. 27, 1931.

G. G. RAYMOND

1,790,019

PLATFORM

Filed Nov. 2, 1926

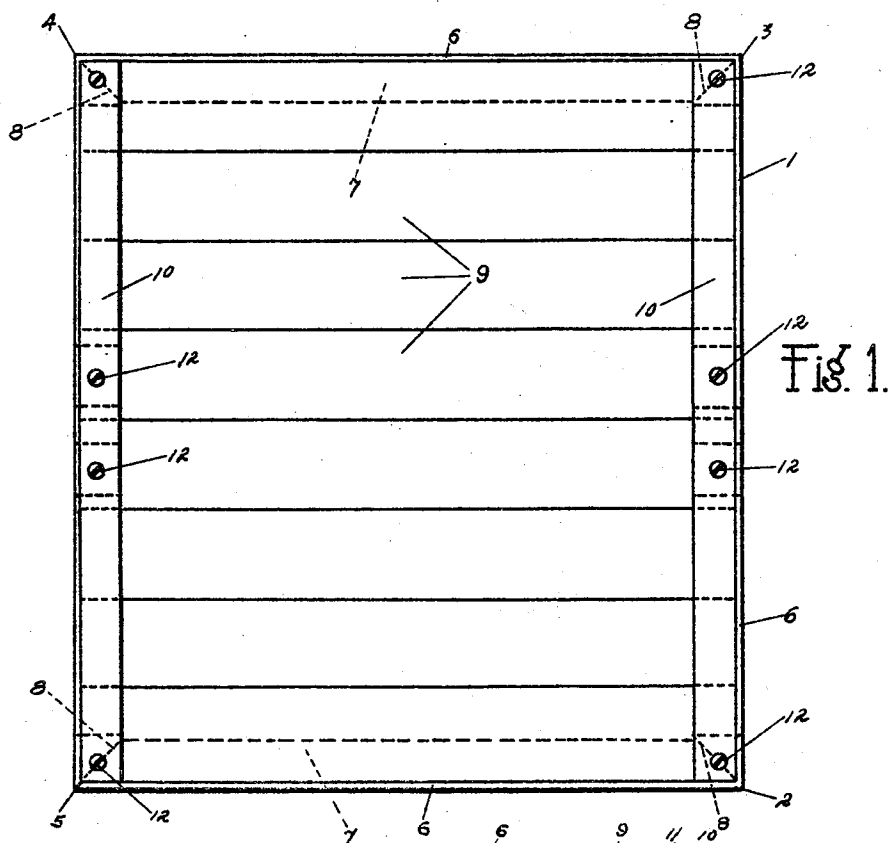


Fig. 1.

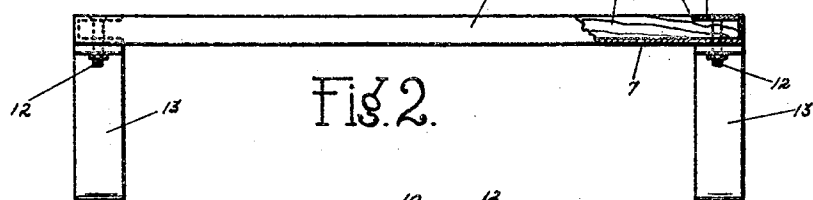


Fig. 2.

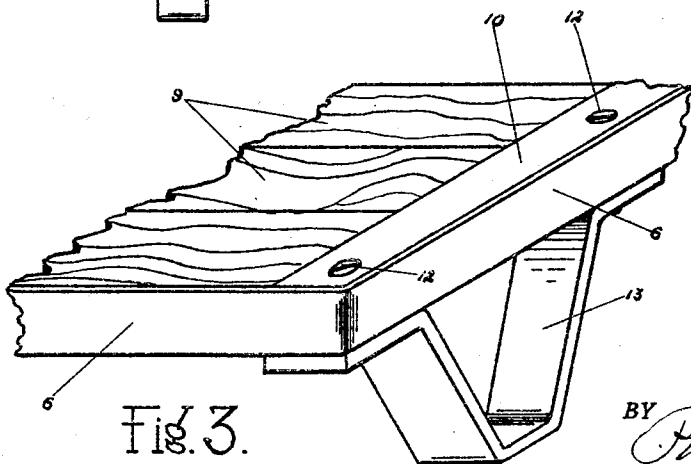


Fig. 3.

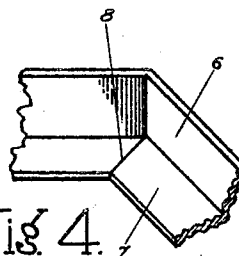


Fig. 4.

INVENTOR
GEORGE G. RAYMOND.

BY

Philip S. Hopkins
ATTORNEY

UNITED STATES PATENT OFFICE

GEORGE G. RAYMOND, OF GREENE, NEW YORK, ASSIGNOR TO LYON IRON WORKS, OF GREENE, NEW YORK

PLATFORM

Application filed November 2, 1926. Serial No. 145,906.

My invention pertains to platforms and particularly to the portable type of platform or skid, commonly used in factories, warehouses, etc. for the purpose of supporting a load of articles which may be transported on the platform from place to place by means of a truck which may be engaged beneath the platform, raising the same off of the floor for transporting purposes.

Heretofore, platforms of this character have been largely made of wood, and therefore incapable of sustaining the loads sometimes placed upon them, and which are further subject to rapid disintegration because of their being jammed and banged against other trucks and platforms and obstacles around which the platforms are transported.

The primary object of my invention is to provide a skid platform of the character described, provided with a wooden floor which is reinforced and protected by a frame work of iron or steel or other suitable material, which not only greatly strengthens the platform, but lengthens its useful life materially.

Referring now to the drawing wherein like reference numerals indicate like parts:—

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

Figure 2 is an end view of the same, a part being broken away for the purpose of clearness of illustration.

Figure 3 is a detail perspective view of one corner of the platform.

Figure 4 is a detail perspective of a corner of the frame.

I provide a suitable frame preferably of a single length of angle iron 1, bent at right angles to form the three corners 2, 3 and 4. The free ends of the angle iron are brought together at the fourth corner 5 and secured together as by welding or other suitable means. The angle iron 1 consists of the vertical flange 6 and the lower inwardly extending horizontal flange 7. At the corners of the frame, this horizontal flange 7 is trimmed and mitered as at 8 so as to prevent binding or overlapping thereof.

Floor members 9, preferably of wood, are supported at their ends on the horizontal flanges 7 on opposite sides of the frame.

These boards 9 are of a thickness corresponding to the height of the vertical flanges 6 so that the ends of the boards are adequately protected by such flanges.

In order to further protect the ends of the boards 9 and to strengthen the entire structure, flat binding strips of suitable material, preferably iron or steel indicated at 10, are secured along the top surface of the boards at their ends directly adjacent the flanges 6. As shown clearly in Figure 2, the ends of the boards 9 are countersunk at 11 to a depth equal to the thickness of the binding strips 10, in order that such strips may lie flush with the top surface of the boards 9 and the top of the vertical flange 6.

Flat headed screw bolts 12 are used to secure the binding strips 10 to the floor boards 9 and to the horizontal flange 7 of the angle irons. The binding strips 10 are preferably countersunk to receive the heads of these bolts in order that there may be no protuberance extending above the surface of the platform.

Suitable legs 13 are secured to the under side of the frame preferably by the same screw bolts 12 which hold the binding strips in position.

From the foregoing, it will be clear that I have provided a rigid, well protected, skid platform adapted to withstand the shocks, strains and jars to which platforms of this character are subjected. The wooden floor members render the platform light in weight and economical to manufacture, and the inverted angle iron frame with the binding strips lend rigidity, strength and protection to the platform.

Of course, changes may be made in details of construction and arrangement of parts without departing from the spirit and scope of my invention. I do not limit myself therefore to the exact structure shown and described, other than by the appended claim.

I claim:—

A platform comprising a four sided frame consisting of a single angle bar bent to form the corners, said angle bar having a lower horizontal flange extending inwardly to form

a support, and a vertical flange extending upwardly, floor members supported by said horizontal flanges and lying between said vertical flanges whereby the ends of said members are protected by said vertical flanges, flat binding strips secured to the upper surface of said floor members at the ends thereof, said binding strips being set in said floor members so that the upper surface thereof is flush with the upper surface of said members and with said vertical flange, and legs secured to the under side of said frame.

GEORGE G. RAYMOND.

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