

(No Model.)

E. DIETZ.
CORNER IRON FOR TRUCKS.

No. 564,740.

Patented July 28, 1896.

Fig. 1.

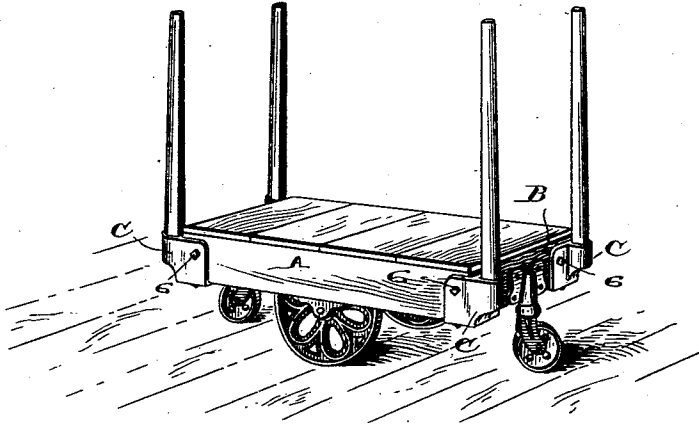


Fig. 2.

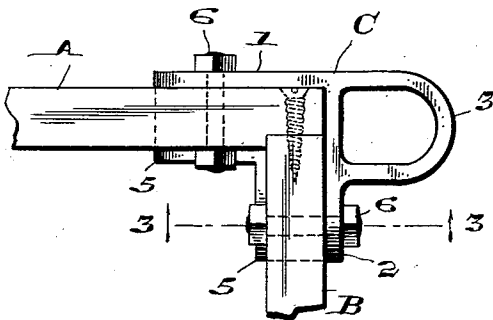


Fig. 4.

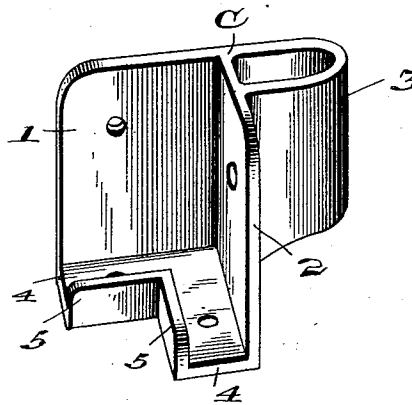
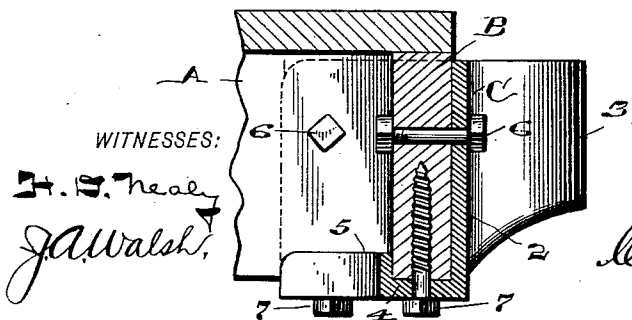


Fig. 3.



WITNESSES:

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EMIL DIETZ, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO THE FRED DIETZ COMPANY, OF SAME PLACE.

CORNER-IRON FOR TRUCKS.

SPECIFICATION forming part of Letters Patent No. 564,740, dated July 28, 1896.

Application filed February 12, 1895. Serial No. 538,072. (No model.)

To all whom it may concern:

Be it known that I, EMIL DIETZ, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Corner-Irons for Trucks, of which the following is a specification.

The object of my present invention is to produce a convenient and easily-applied corner-iron for that class of trucks which are principally used in factories, planing-mills, &c.; and it consists in such a corner-iron of peculiar construction, whereby various advantages are attained, as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a truck provided with corner-irons embodying my said invention; Fig. 2, a detail plan view of one corner of the truck with a corner-iron attached, the flooring of the truck being removed; Fig. 3, a vertical sectional view through one portion of the truck as seen from the dotted line 3 3 in Fig. 2, and Fig. 4 a perspective view of the corner-iron separately.

In said drawings the portions marked A and B are the sides and ends of the truck-frame, respectively, and those marked C my improved corner-irons.

The truck, including the sides A and ends B, in its general construction is of an ordinary simple form, the sides being preferably recessed somewhat to receive the ends, as shown in Fig. 2, although this is not essential, my iron being applicable to any frame-corner.

The corner-iron C consists of side plates 1 and 2, arranged at right angles with each other, which fit upon the outer sides of the side and end pieces A and B of the frame; a socket 3 in which the posts or stakes of the truck are to be placed; a bottom plate 4, extending under the corner of the truck, and a flange 5, extending up from said bottom plate inside the members A and B. This corner-iron is preferably secured to the frame by bolts 6 6, passing through the plates 1 and 2 and the frame

portions A and B, as shown, although, of course, screws might be used, and lag-screws (or common screws) 7 7, which extend up through the bottom plate 4, as shown. By this single structure I am thus enabled to unite the corner firmly together and provide the necessary stake-sockets, the device being secured to the frame by both horizontal and vertical bolts or screws, and being provided also with an overlapping flange 5, as shown, which receives much of the strain in use that would otherwise come on the bolts. The device is very simple and inexpensive in construction, and unusually easy to apply to the truck-frame, which, as indicated, is easily capable of being made by any ordinary wood-worker without the use of unusual tools or special machinery, there being no grooves or unusual formation to provide.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

In a truck-frame, the combination of a corner-iron for securing its side pieces together consisting of the side plates 1 and 2 extending at right angles with each other and adapted to embrace the vertical sides of said corners on the outside faces thereof, a post-socket on the outside of one of said plates, a flange or bottom plate 4 extending in from the lower edges of said plates 1 and 2 and forming a support for the lower edges of said side pieces, a vertical flange 5 extending upwardly on the inner edge of said bottom plate and adapted to bear against the inner face of said side pieces, the bolts 6 extending horizontally through said plates 1 and 2 and said side pieces, and the screws 7 extending vertically through the bottom plate 4 and into the edges of said side pieces, all substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 7th day of February, A. D. 1895.

EMIL DIETZ. [L. S.]

Witnesses:

CHESTER BRADFORD,
JAMES A. WALSH.