

(No Model.)

J. D. SWACICK.

HAY CARRIER TRACK AND COUPLING THEREFOR.

No. 538,293.

Patented Apr. 30, 1895.

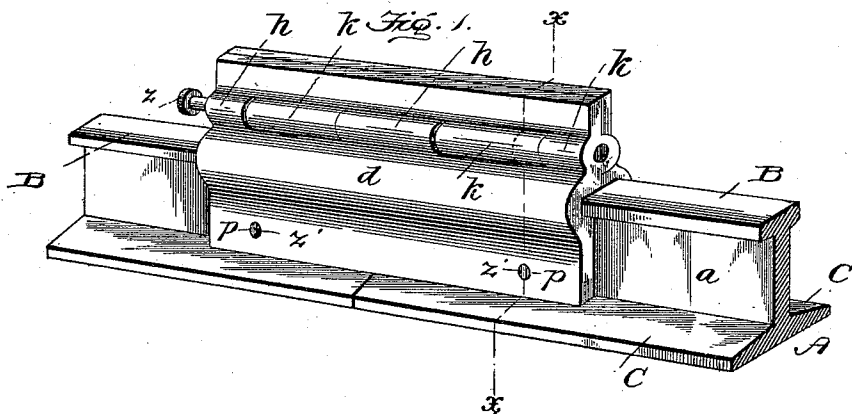


Fig. 2.

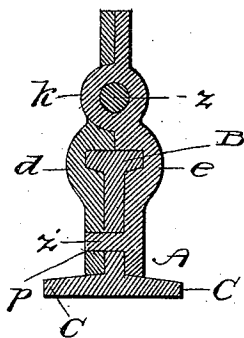
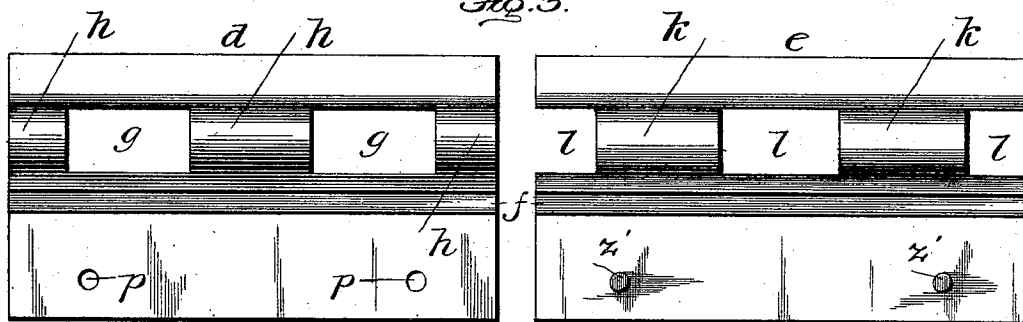


Fig. 3.



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UNITED STATES PATENT OFFICE.

JUDSON D. SWACICK, OF CANTON, OHIO.

HAY-CARRIER TRACK AND COUPLING THEREFOR.

SPECIFICATION forming part of Letters Patent No. 538,293, dated April 30, 1895.

Application filed April 16, 1894. Serial No. 507,660. (No model.)

To all whom it may concern:

Be it known that I, JUDSON D. SWACICK, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented a new and useful Improvement in Hay-Carrier Tracks and Couplings Therefor, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention relates to improvements in track couplers for hay and other carriers, and consists of certain features of construction and combination of parts as will be herein-
after described and pointed out in the claims.

Figure 1 of the accompanying drawings is a perspective view of the track and the coupler in position. Fig. 2 is a vertical cross-sectional view on line $x-x$, Fig. 1; and Fig. 3 is a view in elevation of the members of the coupling, separated.

A represents the track bar which is of T-form, having a web a , at the top of which are narrow laterally projecting flanges B and at the foot similar, but wider flanges C which form the track for the wheels of the carrier or trolley. The track coupler B is formed, substantially as shown, of the two parts d and e each having in its inner face a groove f adapted to receive the flanges B of the track bar or rail. The two parts d and e of the coupler are secured together in a manner similar to that in securing the two parts of a butt hinge, the part d having tubular portions h and apertures g and the part e having portions k , apertures l , and recesses m . The part e is further provided with outwardly projecting pins z' which project through holes in the rail and into apertures p in the part d . A wire nail z or other pin is driven through the tubular portions to bind the upper flange portions of the plates together, and the lower portion against the web of the rail; thus forming a clamp or coupler by which the end portions of the track bars are secured together and held in alignment.

It will be seen at a glance that the structure is one that can be erected or taken down in a very short time, and that the track and its couplers can be provided at a greatly reduced cost. It will also be seen that the coupler closely fits the outline of the track from the base upward, thus providing a firm and tight union of the parts.

Having thus fully described the nature and object of my invention, what I claim is—

1. A coupler, composed of two members, having their opposing faces grooved to receive the upper flanges of the track, one of said members having studs to engage openings in the track, and the other member having corresponding holes to receive said studs, one of said members provided with a projection on the side adjacent to the other member and the other member provided with a corresponding opening to receive the projection, and a key adapted to hold the members in engagement with the rail, substantially as set forth.

2. The combination with the rails of the track, the meeting ends of which are provided with holes, of a coupler composed of two members having their opposing faces grooved to receive the upper flanges of the rails, one of said members having studs to pass through the said holes in the rails, and the other member having corresponding holes, to receive said studs, one of said members provided with a projection on the side adjacent to the other member, and the other members provided with a corresponding opening to receive the projection, said members closely embracing the rails from the base upward, and a key adapted to hold the members in firm engagement with the rails, substantially as set forth.

In testimony whereof I have hereunto set my hand this 30th day of March, A. D. 1894.

JUDSON D. SWACICK.

Witnesses:

LAURA C. BROWN,
F. W. MILLER.