No. 885,001. PATENTED APR. 14, 1908.

E. CAMERON.

TRACK SUPPORT FOR OVERHEAD TROLLEYS.

APPLICATION FILED APR. 25, 1907.

Fig. 1

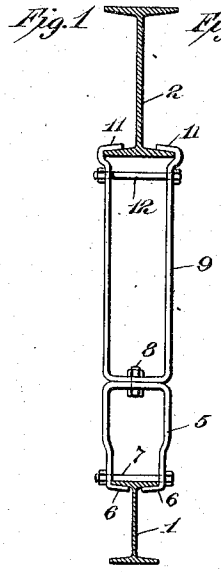


Fig. 2

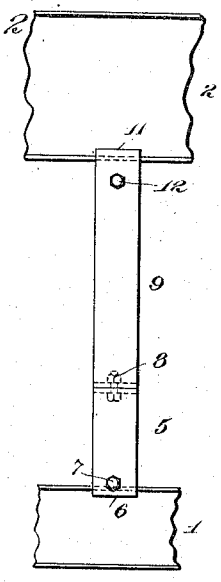


Fig. 3

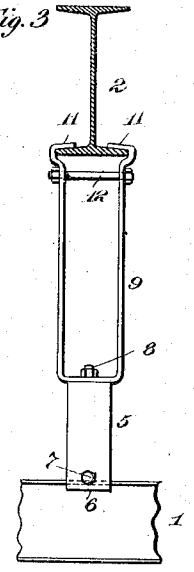


Fig. 4

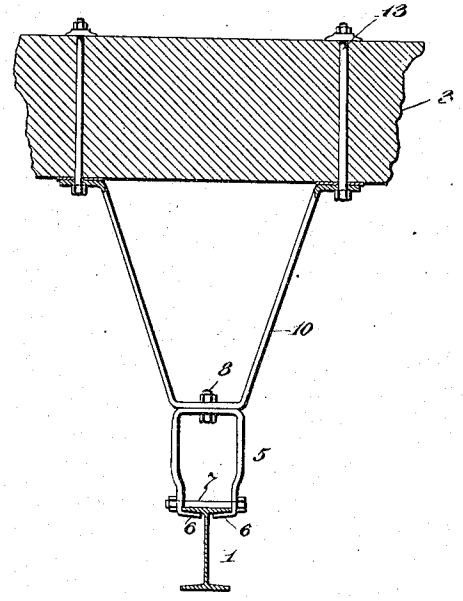
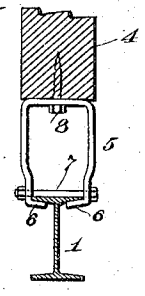


Fig. 5



Witnesses:

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UNITED STATES PATENT OFFICE.

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TRACK-SUPPORT FOR OVERHEAD TROLLEYS.

No. 885,001. Specification of Letters Patent. Patented April 14, 1908.

Application filed April 25, 1907. Serial No. 370,153.

To all whom it may concern:

Be it known that I, EWAN CAMERON, a citizen of the United States, and a resident of the borough of Brooklyn, county of Kings, and State of New York, have invented a Track-Support for Overhead Trolleys, of which the following is a specification.

The object I have in view is the production of a support for tracks for overhead trolleys and analogous purposes, which can be attached to the track without drilling the latter, and which may be adjusted to suit different angles of track and supporting beams.

Further objects lie in producing a track support which is cheap to manufacture, durable and very easily adjusted in place.

Other objects will more fully appear in the following specification and accompanying drawings taken together or separately.

I attain these objects by the mechanism illustrated in the accompanying drawings, in which

Figure 1 is an end view of one form of track and a track support showing the track and supporting beam in section. Fig. 2 is a side view of the same. Fig. 3 is a view of the same as in Fig. 1, but with the track at right angles. Fig. 4 is a view of a modification; and Fig. 5 is a view of a second modification.

In all of the views like parts are designated by the same reference characters.

In carrying out my invention I attach the track 1 to the I beam 2 (Figs. 1, 2 and 3) a stringer 3 (Fig. 4) or other support 4 (Fig. 5) through the agency of the bracket 5. This bracket is preferably made of material, which is of flattened cross section, as shown, and of such a character that it may be readily curved to shape. The ends are curved over to form fingers 6—6, which grasp the lower face of the upper flange of the I beam forming the track. A suitable fastening 7 which may be in the nature of a bolt passes through openings in the bracket adjacent to the fingers. Preferably this fastening also rests against the upper face of the I beam. This fastening serves as a means of causing the fingers to closely engage with the I beam, and by its engagement with the upper surface of the upper flange of the I beam serves as a means of holding the bracket firmly against the beam. The upper side of the bracket is provided with a support, which may be a bolt 8. This bolt forms a pivotal support for the bracket. It may be attached directly to a beam 4 (Fig. 5); the bolt in this case engaging directly with the beam, or it may be secured to a hanger 9 or 10 (Figs. 1 and 4). The hanger 9 is provided with fingers 11, which engage with the upper face of the lower flange of the I beam 2. A fastening 12, which may be a bolt secures the two ends of the hanger to the I beam and holds it in place. In the modification shown in Fig. 4 the hanger 10 is secured to the stringer 3 by fastenings 13, which may be bolts.

By the construction described and illustrated the support for the track is such that it allows the track to be twisted in any direction to accommodate conditions, either in the direction of the track or the relative directions of the track and the supporting I beam, stringer or other support. By the construction disclosed the track has no openings made in it therefore it may be adjusted within the supports without the use of special tools.

The hanger serves as a satisfactory support for a track when used in connection with the structure disclosed in my copending application for patent filed April 25, 1907, Serial No. 370,152.

Having now described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A support for an overhead track having a bracket with means for direct engagement with the track, the said bracket being pivotally connected to its support through a vertical pivot.

2. A support for an overhead track which comprises a bracket having fingers adapted to engage with the lower faces of the upper flange of the track and a bolt engaging with the upper face of the upper flange, the said bracket being pivoted to a hanger, which is provided with fingers adapted to engage with a supporting I beam.

3. A support for an overhead track which comprises a bracket having fingers adapted to engage with the lower faces of the upper

flange of the track and a bolt engaging with the upper face of the upper flange, for holding the fingers in engagement with the track.

4. A support for an overhead track which comprises a bracket having fingers adapted to engage with the lower face of the upper flange of the track, the said bracket being pivoted to a hanger, which is provided with fingers adapted to engage with a supporting I beam.

This specification signed and witnessed this 22nd day of April, 1907.

EWAN CAMERON.

Witnesses:

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LEONARD H. DYER.