

April 11, 1950

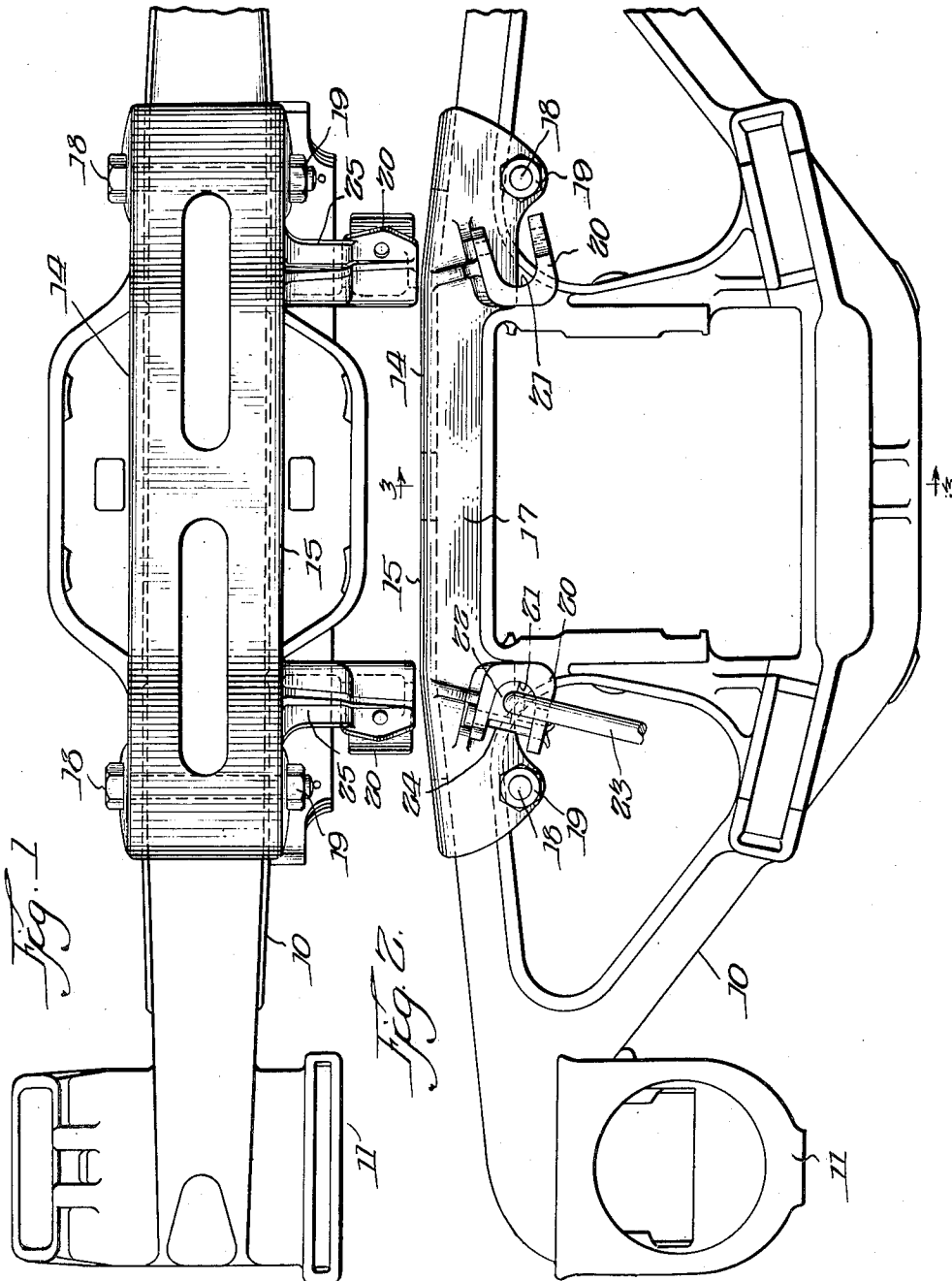
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2,503,403

HANGER ATTACHMENT FOR RAILWAY TRUCKS

Filed Sept. 10, 1948

2 Sheets-Sheet 1



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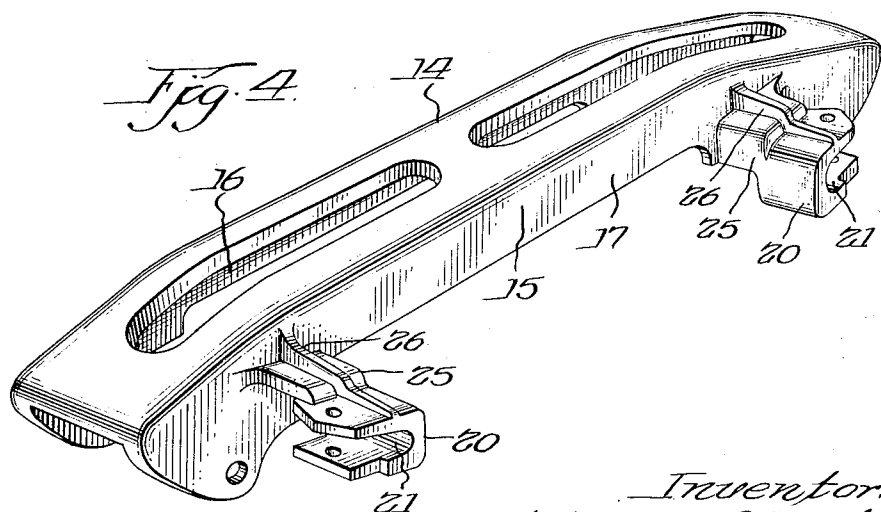
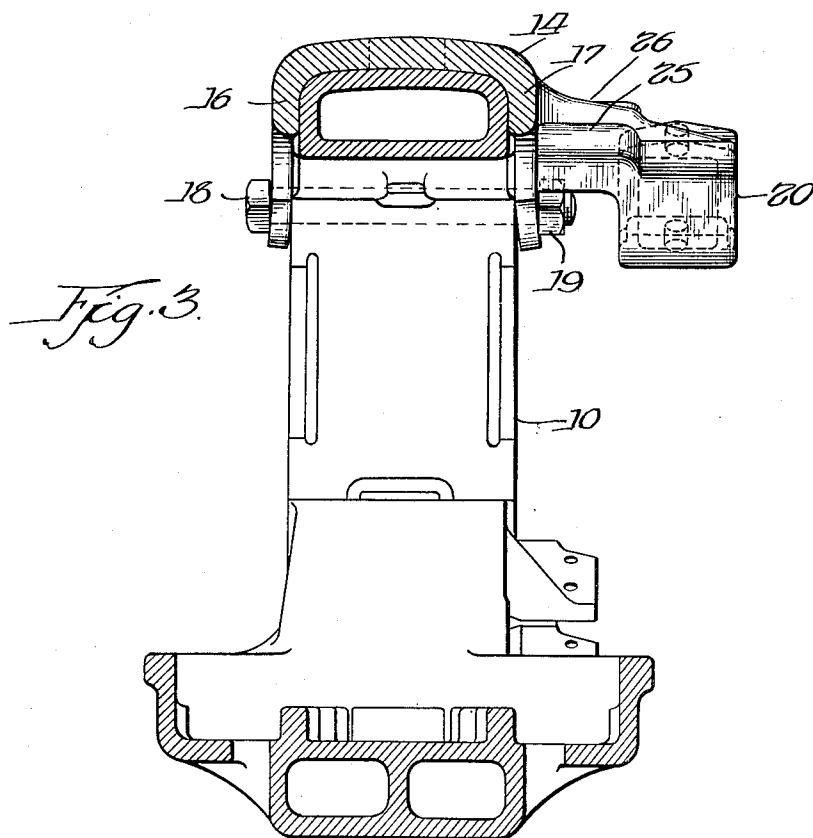
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2 Sheets-Sheet 2



UNITED STATES PATENT OFFICE

2,503,403

HANGER ATTACHMENT FOR RAILWAY TRUCKS

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Application September 10, 1948; Serial No. 48,597

4 Claims. (Cl. 188-209)

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This invention relates to a hanger attachment for railway trucks, and its principal object is to provide a hanger support in the form of an attachment applied to the side frames of railway car trucks which are not provided with hanger supports.

In many car trucks now in use the brake beams are carried on shelves formed on the side frames. In many cases this has not worked out satisfactorily on account of the wear on the shelves, sometimes resulting in the falling down of the brake beams, with the possibility of the derailment of the car.

Many of these car trucks that employ shelves for carrying the brake beams do not have the hanger brackets for carrying the brake beam hangers, and it is the object of this invention to provide hanger supports which may be rigidly secured to the side frames of railway car trucks, by various means such for instance as by welding them to the side frames, bolting them thereto and by other equivalent means.

Other objects and advantages will appear in the course of this specification and with said objects and advantages in view, this invention consists in the several novel features hereinafter fully set forth and more particularly defined in the appended claims. The invention is clearly illustrated in the drawings accompanying this specification in which:

Fig. 1 is a plan partly broken away of a side frame of a railway car truck, equipped with a hanger attachment embodying a simple form of the present invention.

Fig. 2 is a side elevation of the parts seen in Fig. 1.

Fig. 3 is a vertical cross section taken on the line 3-3 of Fig. 2. And

Fig. 4 is a perspective view of the hanger attachment.

Referring to said drawings, the reference character 10 designates a side frame of a railway car truck of conventional form, and generally unprovided with hanger brackets.

The side frame may be conventional trussed frame members provided with journal boxes at their ends, one of which is seen at 11.

Rigidly secured upon the top of the side frame is a brake beam hanger support 14 in the form of an attachment rigidly secured to the side frame. The hanger support attachment comprises a body 15 of elongated form and shaped on its under side to conform to the shape of the top member of the side frame. The hanger support attachment may be rigidly secured to the

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top member of the side frame by various means, for instance, it may be welded thereto, bolted thereto or otherwise as desired.

In the present form it is shown as provided with side flanges 16, 17 which project down from the side edges of the body to extend along the side faces of the top member of the side frame. Bolts 18 extend through the flanges 16, 17 underneath the top member of the side frame and have nuts 19 on their threaded ends which are drawn up tight against the flange 17 to rigidly secure the attachment to the side frame.

Projecting laterally from the flange 17 are hanger brackets 20 each of which is formed with a socket 21 in which are secured the plates 22 and upper end of the brake beam hanger 23. A pin or key 24 extends through the hanger bracket and retains the plates 22, in place in the socket of the hanger bracket.

The hanger support attachment is secured to the top member of the side frame in position so as to locate the hanger brackets at the places where the side frames are ordinarily provided with hanger brackets so that the brake beam hangers may depend from the hanger brackets of the attachment in position to engage the brake heads.

The attachment may be composed of cast steel, forged steel, cast iron or other suitable metals.

The hanger brackets are spaced from the flange 17 by lugs 25 to provide space between the flange 17 and hanger brackets in which the brake beam support may swing. The lugs 25 are preferably reinforced by ribs 26 to provide rigidity and strength for the hanger brackets.

Having thus described my invention, it will be apparent that various immaterial modifications may be made therein without departing from the spirit or scope of my invention; hence I do not wish to be understood as limiting myself to the exact form, construction, arrangement and combination of parts herein shown and described or uses mentioned.

What I claim as new and desire to secure by Letters Patent is:

1. A side frame of a railway car truck in combination with a brake beam hanger support mounted on the side frame and formed with flanges straddling the top rail of the side frame, one of said flanges being formed with a hanger bracket having a socket to receive one end of the brake beam hanger, bolts extending through the said flanges, and nuts on said bolts whereby to fasten the attachment to the side frame.

2. A brake beam hanger support, comprising a

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channel-shaped body adapted to be mounted on and closely fit the top face and side faces of a side frame of a railway car truck and formed with an integrally formed hanger bracket adjacent each end, each bracket having a socket to receive the upper end of a brake beam hanger, and means to rigidly secure the support on a side frame of a railway car truck.

3. A brake beam hanger suport, comprising an arched body adapted to be mounted on a side frame of a railway car truck, and formed with downwardly extending flanges adapted to extend down along the sides of the side frame, one of said flanges being formed with hanger brackets, and bolts and nuts for rigidly securing the support on a side frame of a railway car truck, the hanger brackets being each adapted to receive an end of a brake beam hanger.

4. A brake beam support attachment for the side frame of a railway car truck, adapted to be

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mounted on a side frame, and comprising a body having downwardly extending flanges, one of which is formed with brake beam hanger brackets, each adapted to receive an end of a brake beam hanger, and bolts extending through said flanges and having nuts on their threaded ends for clamping the attachment on a side frame.

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