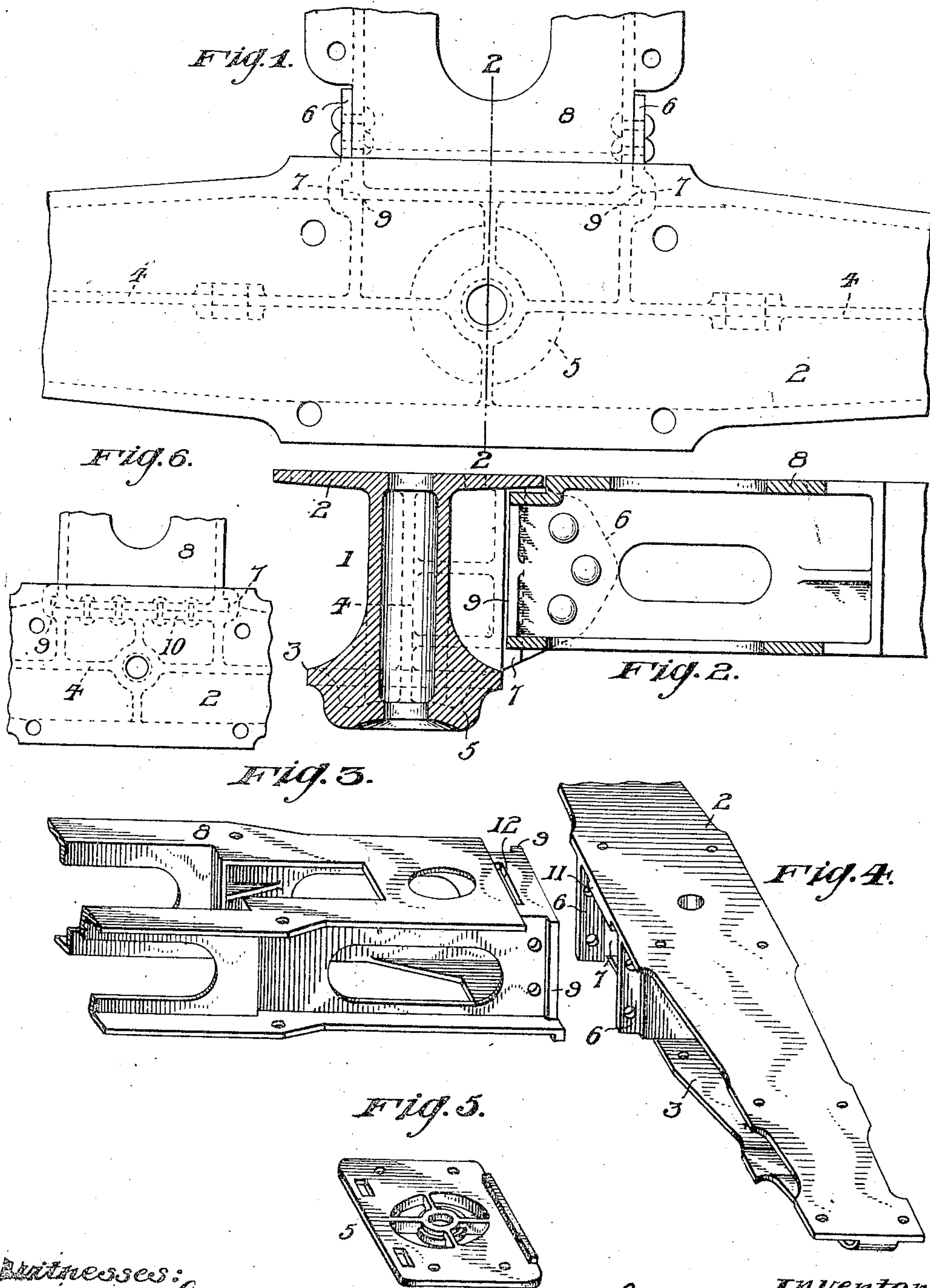


O. S. PULLIAM.
DRAFT CARRIER AND BODY BOLSTER CONSTRUCTION.
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Patented July 27, 1909.



Witnesses:
J. R. Hoffman,
A. M. Slater

Inventor
Oswald S. Pulliam
by W. G. Doolittle
Attorney

UNITED STATES PATENT OFFICE.

OSWALD S. PULLIAM, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO PITTSBURGH EQUIPMENT COMPANY, OF PITTSBURG, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

DRAFT-CARRIER AND BODY-BOLSTER CONSTRUCTION.

No. 929,246.

Specification of Letters Patent.

Patented July 27, 1909.

Application filed May 28, 1903. Serial No. 435,405.

To all whom it may concern:

Be it known that I, OSWALD S. PULLIAM, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Draft-Carrier and Body-Bolster Construction, of which the following is a specification.

An object of my invention is to provide a new and improved draft-carrier and body-bolster construction for cars.

A further object of the present invention is to provide simple and efficient means for connecting the draft-carrier to the body-bolster, the same being of such construction, that the strains to which the carrier is subjected, and particularly the buffing-strains, will be transmitted to the central and strongest portion of the body-bolster in direct lines.

In the accompanying drawing, which illustrates applications of my invention, Figure 1 is a plan of a draft-carrier and body-bolster construction embodying my invention; Fig. 2 a sectional view, the section being taken on line 2—2 of Fig. 1; Figs. 3 and 4 detail perspective views of a modified form of carrier and body-bolster from those shown in Fig. 1; Fig. 5 a detail perspective view of separable center-plate casting employed in connection with the construction shown by Figs. 3 and 4, and Fig. 6 a plan of a slightly modified construction of the form of Fig. 1.

Referring to the drawing, 1 designates a body-bolster preferably made of cast-metal and as an integral structure comprising a top-member 2, a bottom-member 3, and a web 4 joining the two members. In the form of Fig. 1, I form the center-bearing 5 integral with the bolster, while in the form of Fig. 4, the center-bearing is a separable casting as particularly shown by Fig. 5.

In addition to the parts above referred to, the body-bolster at one side thereof, is provided with vertically extending spaced members 6 and with grooves or recesses 7 formed adjacent to the said members 6.

8 designates the draft-carrier having formed at one end thereof engaging-members or flanges 9. The engaging end of the car-

rier is located between the spaced members 6 of the body-bolster with its members 9 located in the grooves or recesses 7. In the forms of Figs. 1 and 4 the side faces of the carrier are riveted to the members 6 of the bolster, while in the form of Fig. 6 I provide the bolster with a laterally extending plate 10 and rivet the end of the carrier thereto.

In the construction illustrating my invention in which the center-casting bearing 5 is separable from the body-bolster proper, the body-bolster, in addition to the members 6 and the grooves 7, is provided with a flange 11 which flange is adapted to enter an opening 12 formed in the carrier.

What I claim is:

1. The combination with a body-bolster having a side thereof adapted to receive an end of a draft-carrier and having engaging-means formed integral therewith, of a draft-carrier extending only to a side of the bolster and provided with means for interlocking with the integral engaging-means of the bolster.

2. The combination with a body-bolster having a side thereof adapted to receive an end of a draft-carrier and formed with integral vertically extending spaced members, of a draft-carrier having an end located between the said members of the bolster and secured thereto.

3. The combination with a body-bolster having a side thereof adapted to receive an end of a draft-carrier and formed with vertically extending spaced members and a groove or recess adjacent to each of the said members, of a draft-carrier having an end located between the spaced members and an engaging-member located in each groove or recess of the bolster.

4. The combination with a body-bolster having a side thereof adapted to receive an end of a draft-carrier and formed with vertically extending recesses or grooves, of a draft-carrier having engaging-members fitted into the grooves or recesses of the body-bolster.

5. The combination with a body-bolster

having a side formed with vertically extending spaced-members and a groove adjacent to each member, a horizontally extending engaging member, of a draft-carrier having an
5 engaging-member located in each groove and formed with a groove to receive the horizontal-member of the body-bolster.

In testimony whereof I affix my signature in presence of two witnesses.

OSWALD S. PULLIAM.

Witnesses:

A. C. WAY,

W. G. DOOLITTLE.