

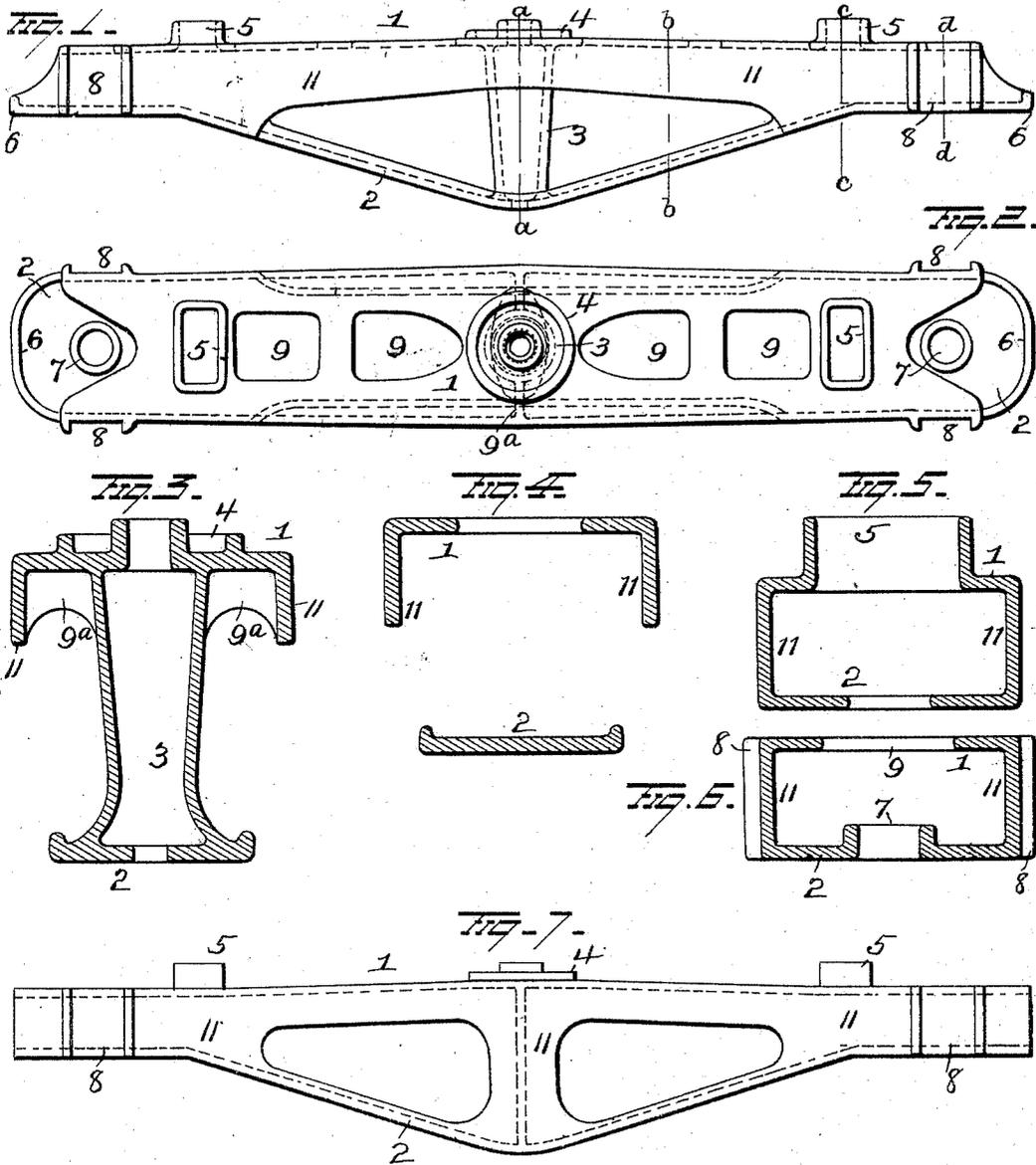
No. 776,045.

PATENTED NOV. 29, 1904.

S. P. BUSH.
BOLSTER.

APPLICATION FILED MAY 5, 1904.

NO MODEL.



WITNESSES
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SAMUEL PRESCOTT BUSH, OF COLUMBUS, OHIO.

BOLSTER.

SPECIFICATION forming part of Letters Patent No. 776,045, dated November 29, 1904.

Application filed May 5, 1904. Serial No. 206,551. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL PRESCOTT BUSH, a resident of Columbus, in the county of Franklin and State of Ohio, have invented certain

5 new and useful Improvements in Bolsters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 My invention relates to an improved bolster, the object of the invention being to provide an improved bolster of minimum weight and maximum strength and which shall be of simple construction and neat and attractive appearance.

15 With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

20 In the accompanying drawings, Figure 1 is a view in side elevation illustrating my improvements. Fig. 2 is a top plan view. Figs. 3, 4, 5, and 6 are views in section on the lines 25 *a a*, *b b*, *c c*, and *d d*, respectively, of Fig. 1; and Fig. 7 is a side view of a modification.

30 My improved bolster, which is preferably one integral casting, comprises, in the main, top plate or member 1 and bottom plate or member 2, spaced the greatest distance apart at their centers, where they are connected by a center strut 3 and converging toward their ends, the lower member, 2, having an appreciably-greater incline than top member 1 and 35 contracted laterally throughout its central or intermediate portion, as shown. Upper member 1 at both side edges is provided with depending flanges 11, which join the bottom member 2 throughout that portion thereof adjacent to its ends, and said upper member 40 1 is provided with center bearing 4 and side bearings 5. Lower member 2 projects beyond the ends of upper member 1, is rounded and provided with strengthening-flanges 6, and spring seats or posts 7 are located centrally of the bottom member near its ends and below the recessed ends of the upper member. The sides of the bolster near its ends are

flanged, forming bearings 8 for the truck-posts and strengthen the bolster, and the bolster is preferably lightened by numerous openings 9. 50

The center strut 3 is shown with lateral strengthening-ribs 9^a at its upper end, connecting the same with top member 1 and side 55 flanges 11, and in addition to these ribs, which may extend throughout the length of the post, it may be provided with various other strengthening-ribs located longitudinally or laterally of the bolster, or both, if desired. 60

In Fig. 7 the bolster is shown as having the side flanges of the top member 1 forming the central strut as they continue down to and join the bottom member 2.

The bottom member 2 may have side flanges 65 or not, as preferred, the post may have radiating ribs, the bottom member may have longitudinal ribs, the ends may have a central web connecting the upper and lower members, and the ends may have cross-ribs, and a great many other changes might be made 70 in the general form and arrangement of the parts described without departing from my invention. Hence I do not restrict myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters 80 Patent, is—

1. A bolster, consisting of a top member, a bottom member, a central strut connecting said members, and side flanges on the top member connecting the same with the bottom 85 member at its ends only, all of said parts being cast integral.

2. A bolster, consisting of a top member, a bottom member, a central strut connecting the top and bottom members, side flanges on 90 the top member connecting the same with the bottom member at its ends only, and all of said parts comprising one integral casting.

3. A bolster, consisting of a top member, a bottom member, a central strut connecting 95 them, side flanges throughout the length of

the top member connected with the bottom member at the ends thereof, ribs connecting the center strut, top member, and side flanges, and all of said parts comprising one integral casting.

5 4. A bolster, consisting of top and bottom members, a central strut connecting said members and comprising their sole connection at the center, and side flanges connecting the
10 members and comprising the sole connection

at the ends of said members, all of said parts being cast integral.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

SAMUEL PRESCOTT BUSH.

Witnesses:

FRANK J. TOWN,
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