

(No Model.)

S. J. VAN STAVOREN.
CAR AXLE BOX PEDESTAL.

No. 527,090.

Patented Oct. 9, 1894.

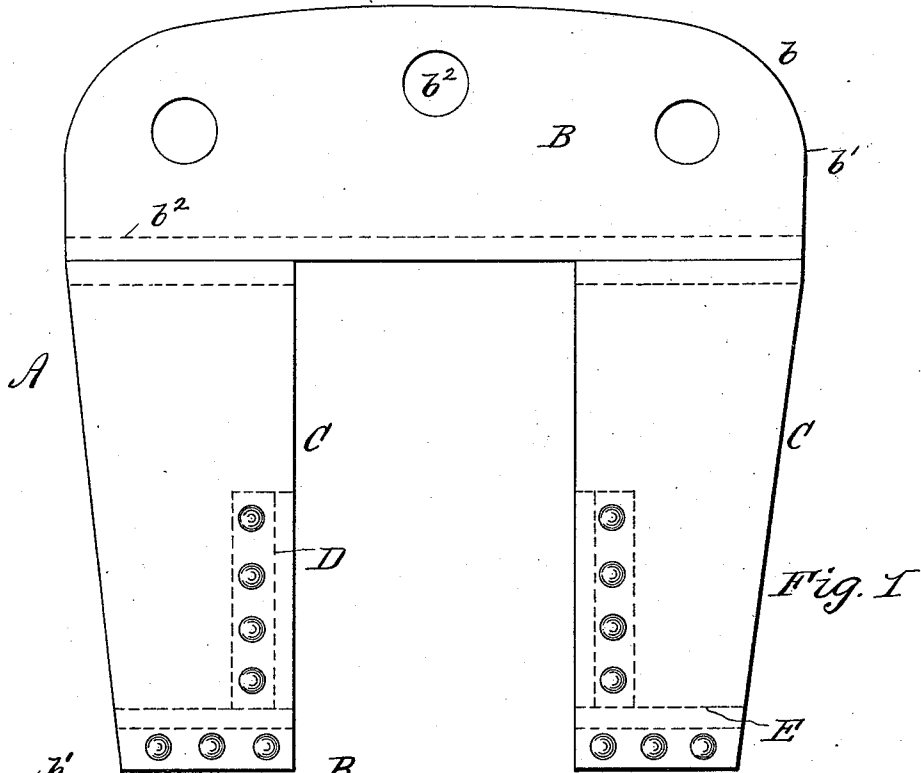


Fig. 1

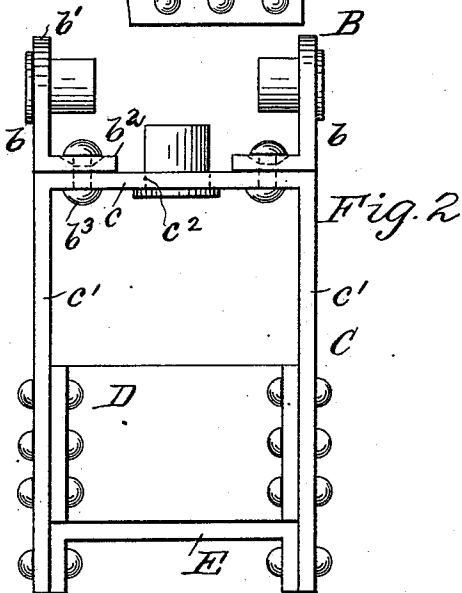


Fig. 2

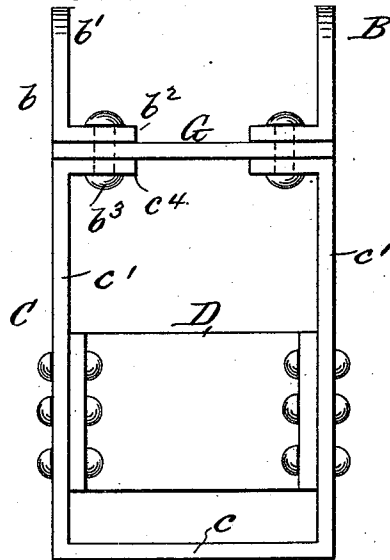


Fig. 3

WITNESSES:

Chas. F. Van Hook
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INVENTOR

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UNITED STATES PATENT OFFICE.

SAMUEL J. VAN STAVOREN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR
OF ONE-HALF TO CHARLES F. VAN HORN, OF SAME PLACE.

CAR-AXLE-BOX PEDESTAL.

SPECIFICATION forming part of Letters Patent No. 527,090, dated October 9, 1894.

Application filed February 8, 1894. Serial No. 499,565. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL J. VAN STAVOREN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Car-Axle-Box Pedestals; 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.

My invention has relation to car axle-box pedestals of the type wherein the component parts are made of wrought or rolled metal riveted or otherwise secured together; and it has for its object simplicity and economy of construction of the component parts whereby they may be readily and economically assembled and secured together to form the pedestal.

My invention accordingly consists of the combinations, constructions, and arrangements of parts as hereinafter more fully set forth in the specification and pointed out in the claims.

Reference is had to the accompanying drawings, wherein—

Figure 1 is a face elevation of an axle-box pedestal embodying my improvements. Fig. 2, is a side elevation of the same. Fig. 3, is a like view showing modification in construction and arrangements of the component parts of the pedestal.

A represents the pedestal composed of wrought or rolled metal parts consisting of the upper or bearing part B, and the axle-box guides or supports C. The upper part B is made up of two "L" or other suitably shaped angle plates the vertical webs b' of which are provided with suitable openings b^2 for the passage of the fastening media for securing the pedestal to the car or its truck.

In Figs. 1 and 2, the guides C are represented as composed of an inverted "U" shaped plate having top horizontally located web c

and parallel depending sides c' c' . The webs c of guides C C and the horizontal web b^2 of angle irons B may be provided with suitable openings for the passage of rivets or screws b^3 for securing said parts together or they may be electrically or otherwise welded as desired. The webs c may be provided with suitable openings c^2 for the passage of vertically located bolts for fastening the pedestal to its support.

The lower ends of each of the guides C are strengthened or secured rigidly together by angle irons or braces D E if desired, being located relatively to said ends and to each other as desired or as shown in Figs. 1 and 2.

If desired the U shaped guides C may be arranged as shown in Fig. 3, that is to say, with their webs c at their bottoms, in which case, the ends c^4 of the sides c' are bent inwardly as shown in Fig. 3 and provided with rivet openings for fastening to cross plates G and to the angle irons B, said cross-plates G being used for stiffening or strengthening purposes but if desired, they may be dispensed with.

In the last described form only one lower brace D need be used for stiffening the lower end of the guide C, but in some cases said brace D may be dispensed with.

What I claim is—

1. An axle-box pedestal composed of top angle irons B, and U shaped guides C secured together, substantially as set forth.

2. In an axle-box pedestal the combination of angle iron top plates B, the inverted U shaped guides C uniting said angle irons, and brace or braces for the lower ends of said guides, substantially as set forth.

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

SAMUEL J. VAN STAVOREN.

Witnesses:

JOHN RODGERS,
A. C. ALEXANDER.