

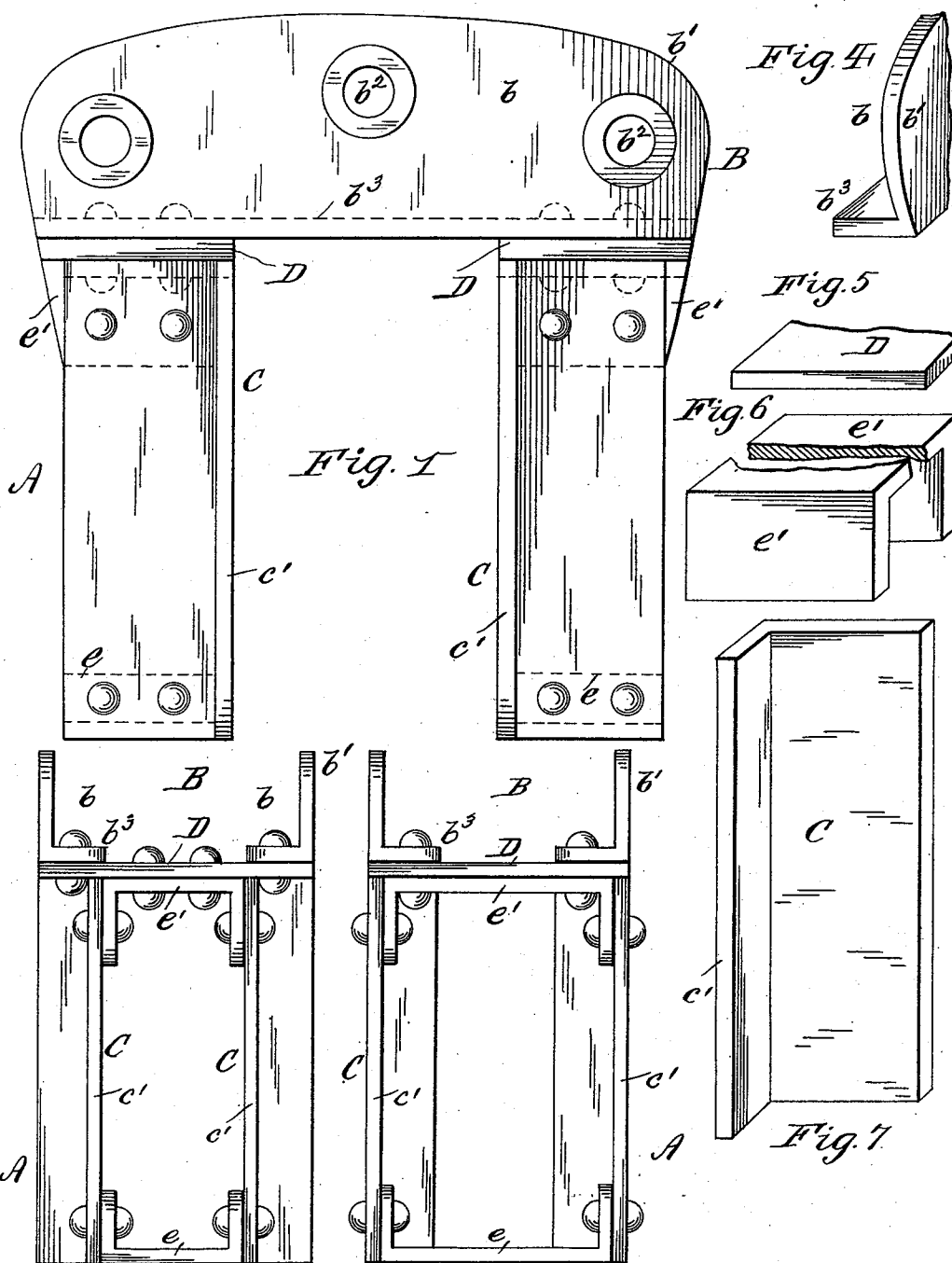
(No Model.)

2 Sheets—Sheet 1.

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

No. 527,091.

Patented Oct. 9, 1894.



WITNESSES:

Chas. F. Van Stora
W. B. Chapman

Fig. 2

Fig. 3

INVENTOR

Samuel J. Van Stavoren

(No Model.)

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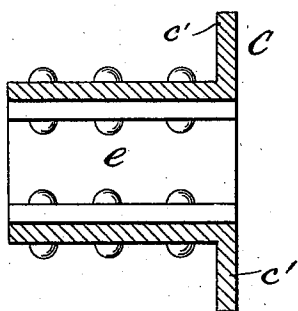
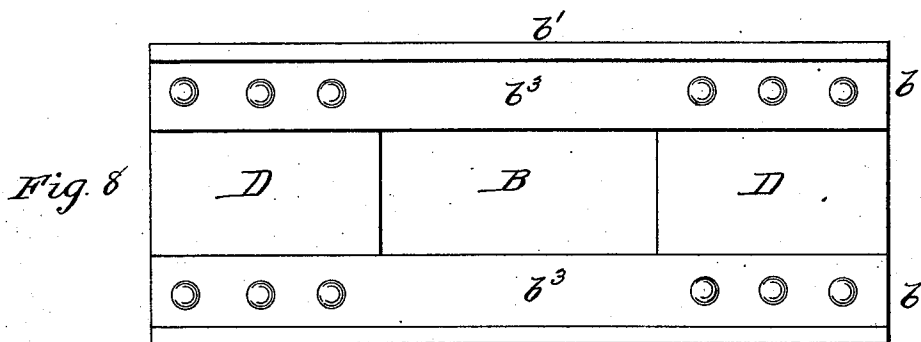


Fig. 9

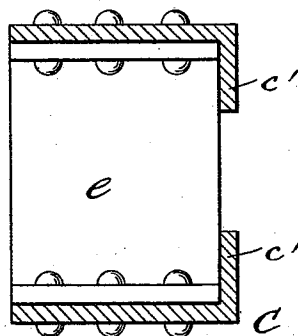
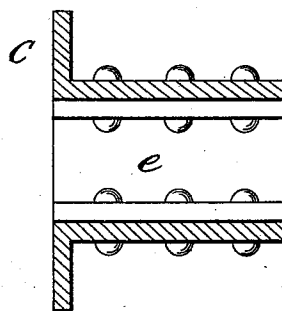
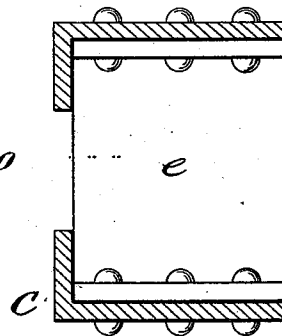


Fig. 10



WITNESSES:

Chas. F. Vanstover
A. B. Alexander

INVENTOR

Samuel J. Vanstavoren

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. 527,091, dated October 9, 1894.

Application filed February 8, 1894. Serial No. 499,566. (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 and to this end all the parts are composed of angle iron riveted, screwed, electrically welded or otherwise secured together.

My invention accordingly consists of the combinations, constructions, and arrangements of parts as hereinafter more fully described 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 invention. Fig. 2, is an edge view of the same, drawn to a reduced scale. Fig. 3 is a like view showing a modified construction and arrangement of the component parts of the pedestal. Figs. 4, 5 and 6 show perspectives partly broken away, and Fig. 7 a perspective of the component parts of the pedestal. Fig. 8 is a plan of the pedestal shown in Fig. 1. Fig. 9 is a section on line 1—1, Fig. 2, and Fig. 10 is a like view on line 2—2, Fig. 3.

A represents the pedestal composed of a top or bearing B and axle-box guides C C all of which are composed of "L" or other suitably shaped wrought or rolled angle iron.

In Figs. 1, 2, 8 and 9 the top or bearing B is represented composed of parallel angle bars *b b*, the vertical webs *b'* of which are provided with bolt openings *b²* for fastening the pedestal to a fixture and the lower horizontal webs *b³* are riveted, bolted electrically welded or otherwise suitably connected to cross-plates D located at the ends of the angle irons *b b* below the same.

The guides C C are composed of angle irons and in said figures are arranged relatively to one another as shown or with their webs *c'* projecting from one another as shown more plainly in Fig. 9 and at their lower ends, are connected by "U" shaped braces *e*, their upper ends being correspondingly connected by like braces *e'* which are inverted and in turn secured to the cross plates D to complete the pedestal.

In Figs. 3 and 10, the webs *c'* of the guides C are reversed in position, that is to say, approach each other.

From the foregoing it will be apparent that the component parts of angle-iron may be variously arranged to complete the pedestal without departing from the invention.

What I claim is—

1. A car axle box pedestal having its top and guides composed of "L" shaped angle irons connected together, and braces for said guides, substantially as set forth.

2. A pedestal composed of two top parallel angle-irons B B connected by cross-plates D, depending angle-iron guides C C, and connections and braces for 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.