

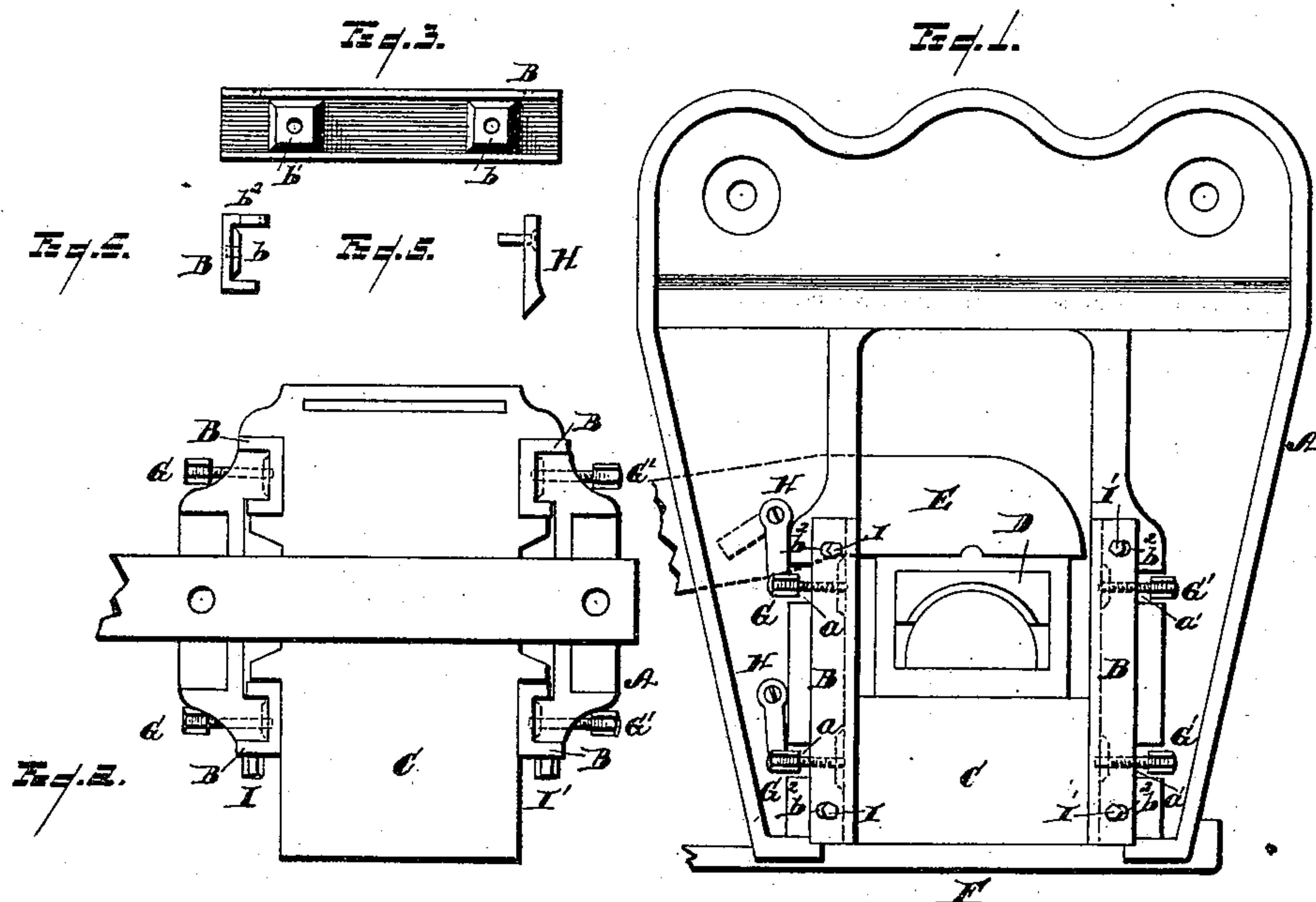
(No Model.)

B. BRIODY & G. W. McHALE.

CAR PEDESTAL.

No. 326,394.

Patented Sept. 15, 1885.



WITNESSES

Samuel C. Thomas.
N. S. Wright.

Barnad Briody
George W. McHale
By W. W. Leggett

INVENTORS

Attorney

UNITED STATES PATENT OFFICE.

BARNAD BRIODY AND GEORGE W. McHALE, OF DETROIT, MICH., ASSIGN-
ORS OF ONE-THIRD TO WILLIAM E. LENNANE, OF SAME PLACE.

CAR-PEDESTAL.

SPECIFICATION forming part of Letters Patent No. 326,394, dated September 15, 1885.

Application filed February 25, 1885. (No model.)

To all whom it may concern:

Be it known that we, BARNAD BRIODY and GEORGE W. McHALE, both of Detroit, county of Wayne, State of Michigan, have invented
5 a new and useful Improvement in Pedestals for Railway-Cars; and we declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make
10 and use it; reference being had to the accompanying drawings, which form a part of this specification.

Our invention relates to pedestals for railway-cars, and is designed more especially as an
15 improvement upon United States Letters Patent, dated February 10, 1885, No. 312,079, granted to Barnad Briody and George W. McHale.

Our invention has for its objects, first, a
20 novel construction of the wearing-plates; second, improved means for securing said plates in place, whereby they may be the more readily replaced if necessary, and by which the wear upon the plates may be taken up; and,
25 third, the general construction, arrangement, and combination of devices, as hereinafter more particularly described, and pointed out in the claims.

We carry out our invention as follows:

30 In the drawings, Figure 1 is a front elevation of a pedestal with its oil-box, illustrating our invention, showing the wearing-plates upon the sides of the box in dotted lines. Fig. 2 is an inverted plan view. Fig. 3 is a face
35 view of the wearing-plate. Fig. 4 is an end view of the same. Fig. 5 is a separate view of the locking-button.

As in the patent above referred to, A represents the pedestals, constructed in the usual
40 manner, and grooved to receive our improved wearing-plates.

C is the ordinary oil-box; D, the ordinary brass of the journal-bearing; E, the equalizer; F, the stretcher or stringer which supports the
45 oil-box in the pedestal.

B represents our improved wearing-plates, preferably four in number, two being located upon each side the box. In this case we prefer to construct our wearing-plates of channel
50 bar-iron, having three wearing-faces, and provided with bosses *b b*, perforated, as shown, to

receive the end of the tightening-screws *G G'*, the perforation preferably projecting through the boss and slightly into the body of the channel-iron, as more particularly shown in Fig. 4. 55 We prefer to construct these channel-bars with their bosses by forging the same into a continuous bar, and then to cut them from the continuous bar in any suitable lengths. We prefer also to locate the bosses so that they
60 shall be equidistant from the ends of each wearing-plate, as this permits said plates to be turned end for end in their location in the pedestal, so as to be more serviceable, for when one end of said plates becomes worn they may
65 be reversed, and thus wear longer than would otherwise be the case.

The perforations in the bosses may be made by a die in the process of forging the continuous bar. 70

The sides of the pedestal may be cut away at *a a'* to receive the tightening-bolts *G G'*, and sufficient to permit the engagement of a wrench with the heads of said bolts.

To lock said bolts and prevent their loosening by the jar, we prefer to locate, in any suitable manner, adjacent to the heads of said bolts, a locking-button, H, constructed to engage the head of the bolt in any suitable manner, and to be turned out of the way when it
80 is desired to remove the bolts, as shown in Fig. 1.

It will be seen that by means of these bolts *G G'* any wear upon said plates may be taken up readily, so that they may be kept in suitable contact with the oil-box. The wearing-plates are also perforated upon one of the side faces, as shown at *b²*, to receive binding-screws
85 *I I'*. These perforations are elongated, as shown, to permit the adjustment of the plates upon the boxes. 90

As thus constructed and arranged the plates may be located in place and replaced without disconnecting the stretcher-bar by simply removing the holding and tightening bolts. 95

The adjustable feature of these improved wearing-plates, whereby the wear may be taken up, is an essential and novel feature of this invention.

We would have it understood that we may
100 dispense with the binding-screws, if desired, without departing from the principle of our

invention, as the tightening-screws may serve both to hold the wearing-plates in place and to adjust them to take up the wear.

What we claim is—

- 5 1. In a pedestal for car-axle boxes, a wearing-plate constructed of channel-bar iron having perforated bosses formed in its channeled portion, substantially as described.
2. In a pedestal for car-axle boxes, a wear-
10 ing-plate constructed of channel-bar iron having perforated bosses formed in its channeled portion equidistant from its ends, substantially as described.
3. In a pedestal for car-axle boxes, the com-
15 bination of the adjustable wearing-plates B, made of channel-bar iron, and having perforated bosses formed in their channeled portions, and the screws G G' entering said bosses, with the vertical arms of the pedestal, and

the axle-box held between the adjustable 20 wearing-plates, substantially as described.

4. In a pedestal for car-axle boxes, the combination of the adjustable wearing-plates B, made of channel-bar iron and provided with
25 perforated bosses in their channel end portions and perforations in one of their flanges, and the screws G G' and I I', fitted, respectively, into said perforated bosses and flanges, with the vertical arms of the pedestal and the axle-
30 box, substantially as described.

In testimony whereof we sign this specification in the presence of two subscribing witnesses.

BARNAD BRIODY.
GEORGE W. McHALE.

Witnesses:

N. S. WRIGHT,
M. B. O'DOHERTY.