(No Model.)

C. LINSTROM.

JOURNAL BOX.

No. 559,728. Patented May 5, 1896.

Fig. 1.

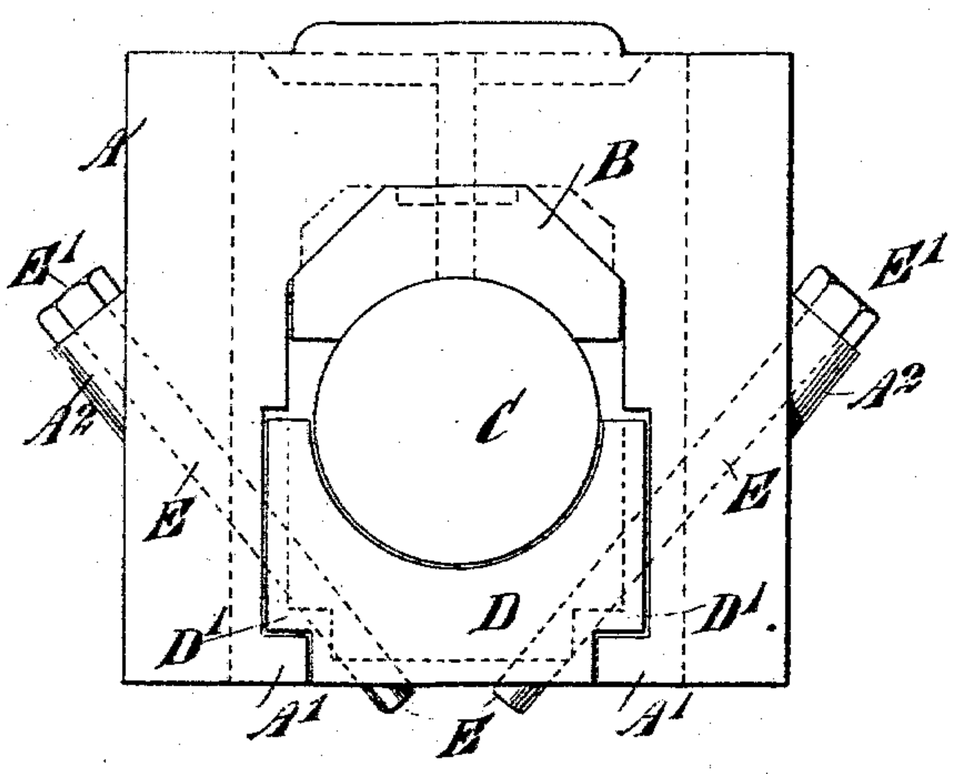


Fig. 2.

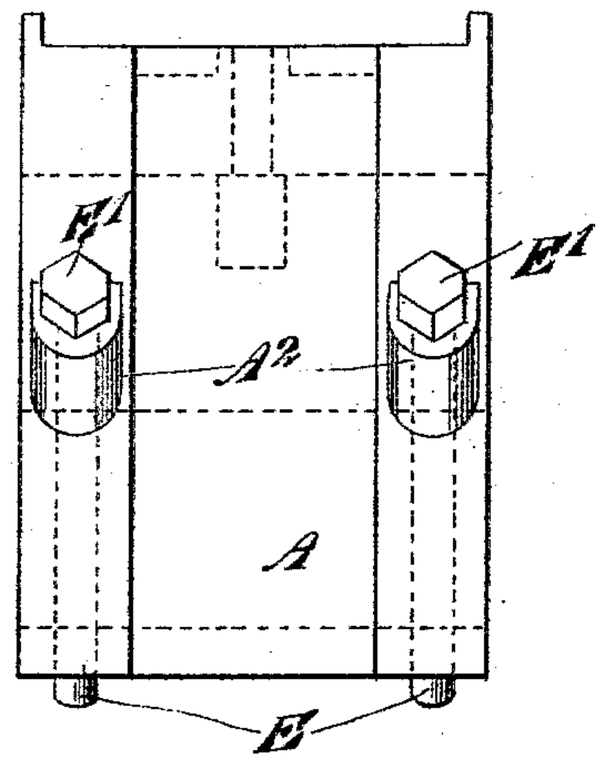


Fig. 3.

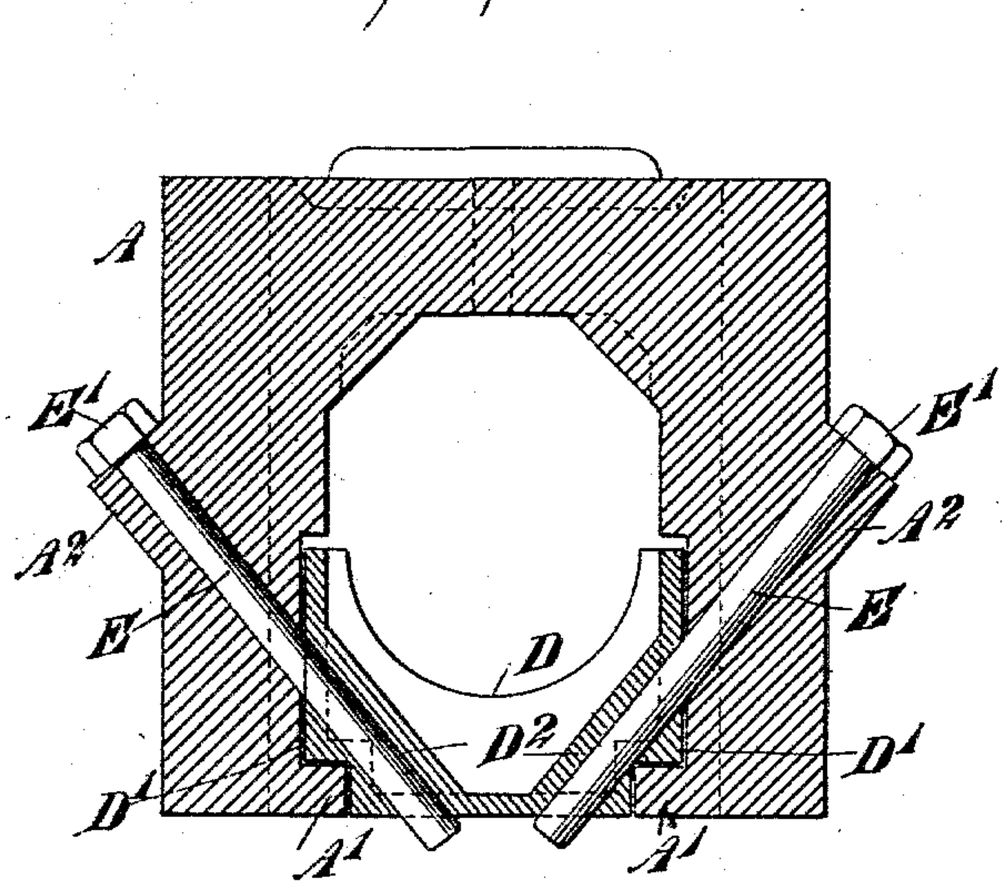


Fig. 4.

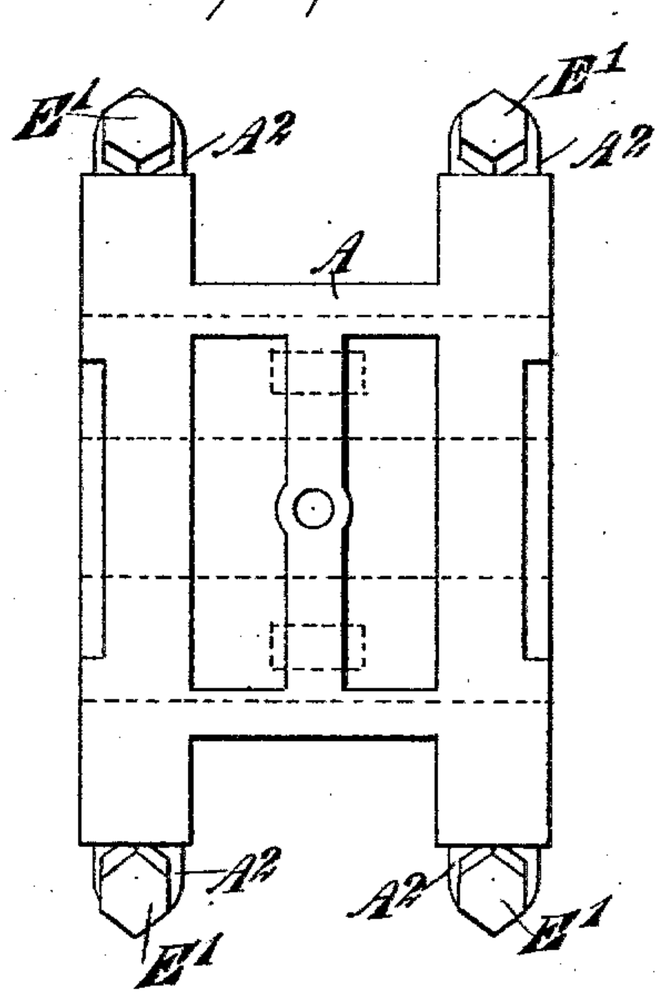
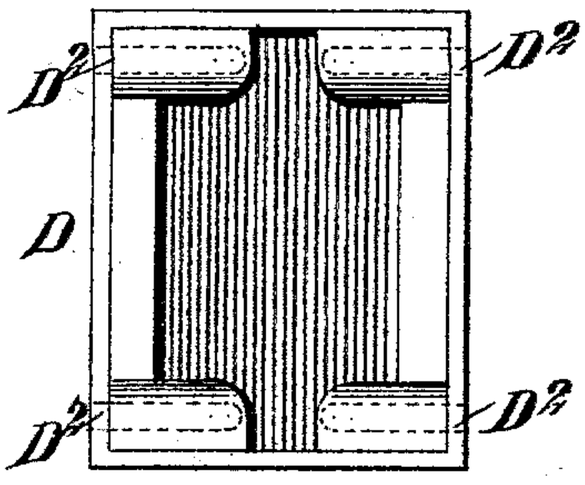


Fig. 5.



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CHARLES LINSTROM, OF VICKSBURG, MISSISSIPPI.

JOURNAL-BOX.

SPECIFICATION forming part of Letters Patent No. 559,728, dated May 5, 1896.

Application filed January 16, 1896. Serial No. 575,726. (No model.)

To all whom it may concern:

Be it known that I, CHARLES LINSTROM, of Vicksburg, in the county of Warren and State of Mississippi, have invented certain new and useful Improvements in Journal-Boxes, of which the following is a full, clear, and exact description.

The invention relates to locomotive-truck journal-boxes; and its object is to provide certain new and useful improvements in journal-boxes whereby the oil-cellar is securely fastened in place on the inside of the journal-box and is not liable to get out of order owing to the jars and shocks of the truck-frame or other causes.

The invention consists principally of one or more pins held angularly in the journal-box and extending into openings formed in the oil-cellar.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improvement. Fig. 2 is an end elevation of the same. Fig. 3 is a sectional side elevation of the same. Fig. 4 is a plan view of the same, and Fig. 5 is a plan view of the oil-cellar.

The improved journal-box is provided with the usual casing A, in which is held the bearing B, engaging the journal C of the axle in the usual manner. Under the journal C is arranged the oil-cellar D, supported on lugs A′, integral with the casing A, and engaging shoulders D′, formed on the under side of the cellar D. By this arrangement the oil-cellar D can be moved transversely in or out of position in the journal-casing. Now in order to lock the oil-cellar in place and prevent lateral movement while the locomotive is in use I provide one or more pins E, preferably four in number, as indicated in the drawings, each pin being arranged angularly in the sides of the casing A to extend into openings D^2, likewise arranged angularly in the sides of the oil-cellar D. The lower corners of the cellar D are thickened, as clearly shown in the drawings, to provide for the formation of the passages D^2, through which the pins E extend. The upper outer end of each pin E is provided with a head E′, adapted to rest on a lug A^2, formed on the side of the casing A. Now it will be seen that when the pins are in place lateral movement of the oil-cellar D is prevented and the pins, owing to their oblique position, are held in place without the employment of special fastening devices.

It will be seen that by the arrangement described a very simple device is provided for securely holding the oil-cellar against lateral movement, and at the same time permitting of conveniently removing the pins E and unlocking the cellars, so as to permit of removing the same whenever desired.

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

A journal-box, comprising a casing having an opening and provided with diagonal openings at its opposite sides, an oil-cellar adapted to support the journal and provided at opposite sides with thickened lower portions having diagonal openings formed through them, and diagonally-extending pins removably secured in the openings in the opposite sides of the casing and having their ends engaging the openings in the opposite sides of the cellar, substantially as set forth.

CHARLES LINSTROM.

Witnesses:
W. H. DUPRÉ,
G. B. HOOPER.