

R. Humphrey.
Railway-Brake Block.

No 93,443.

Patented Aug. 10. 1869.

Fig. 1

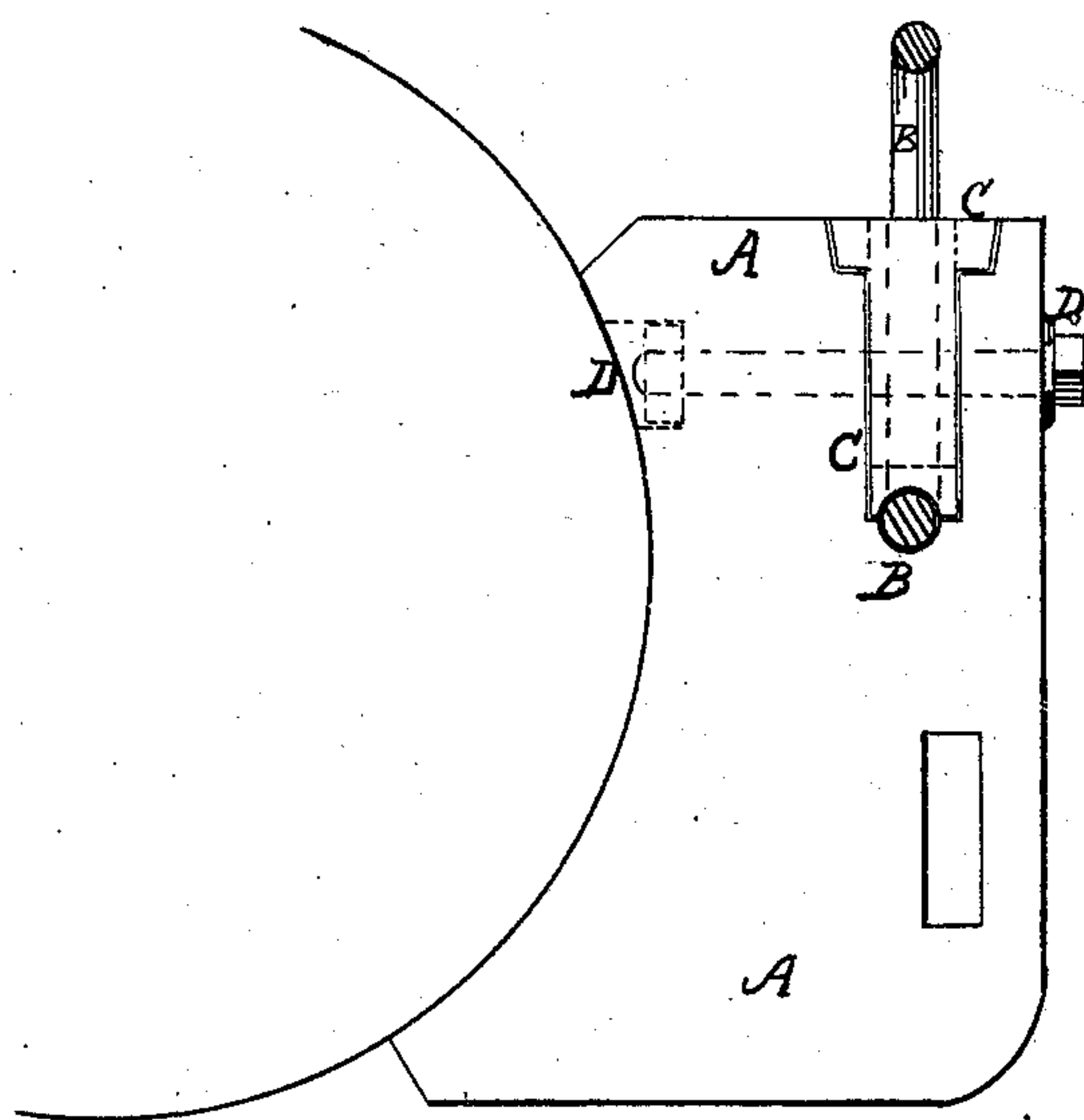
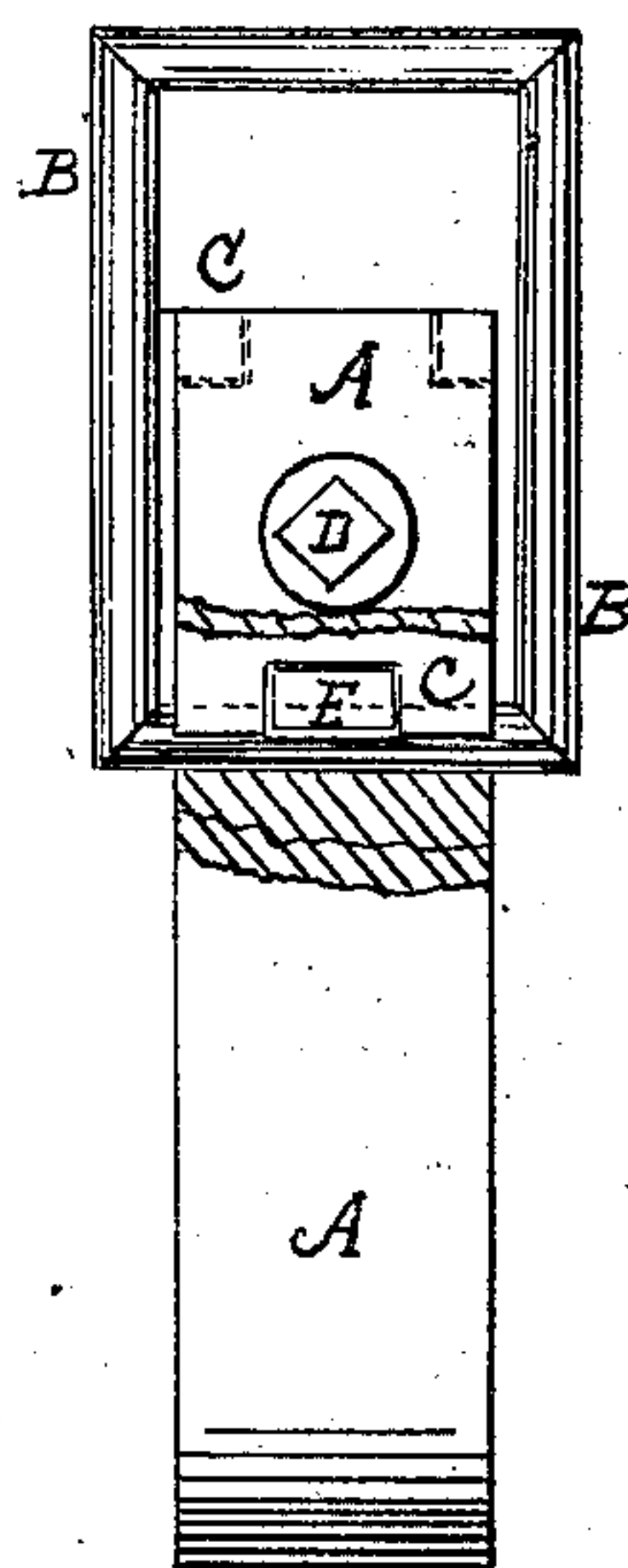


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

ROBERT HUMPHREY, OF ALBANY, NEW YORK, ASSIGNOR TO HIMSELF AND
R. C. BLACKALL, OF SAME PLACE.

IMPROVED RAILWAY-BRAKE BLOCK.

Specification forming part of Letters Patent No. **93,443**, dated August 10, 1869.

To all whom it may concern:

Be it known that I, ROBERT HUMPHREY, of the city of Albany, in the county of Albany and State of New York, have invented a new and Improved Link Attachment for Brake-Blocks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of a brake-block to which my improvement has been attached, part of the link being broken away. Fig. 2 is a front view of the same, part of the brake-block being broken away.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved means for connecting the brake-block to the frame of the car-truck, which shall be strong, simple, and durable, and not liable to become accidentally detached; and it consists in the link, block, and bolt or bolts in combination with the brake-block, as herein-after more fully described.

A represents an ordinary brake-block, which is attached to the brake-bar in the ordinary manner.

B is a rectangular link, the upper end of which is attached to the truck-frame in the same manner as the clevis is now attached to said frame. The lower end of the link B is inserted in a slot formed in the upper end or part of the brake-block.

C is a block of wood or metal—preferably of metal—so formed as to fit into the slot in the brake-block A. The lower edge of the brake-block C is hollowed out or grooved to fit upon the link B, as shown in Figs. 1 and 2.

D is a bolt, which is passed through the brake-block A and through the block C in such a direction as to pass also through the link B, as shown in Figs. 1 and 2, where it is secured in place by a nut, as shown in Fig. 1.

E is a rubber or metal spring placed in a recess in the lower edge of the block C, or in a recess in the brake-block A, in such a position as to bear against the link B and prevent any noise or rattling.

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

The metallic wedge C, having its lower edge concave and carrying the elastic block, arranged as described, for holding the rectangular link B in the transverse slot formed in the upper edge of the brake-shoe A, the wedge being held with its lower edge in contact with the lower bar of the link by means of the bolt D passing through the brake, wedge, and link, as herein set forth and shown, for the purpose specified.

ROBERT HUMPHREY.

Witnesses:

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