E. J. ANDERSON.

VEHICLE BRAKE-LEVER.

No. 192,961. Patented July 10, 1877.

Fig. 1.

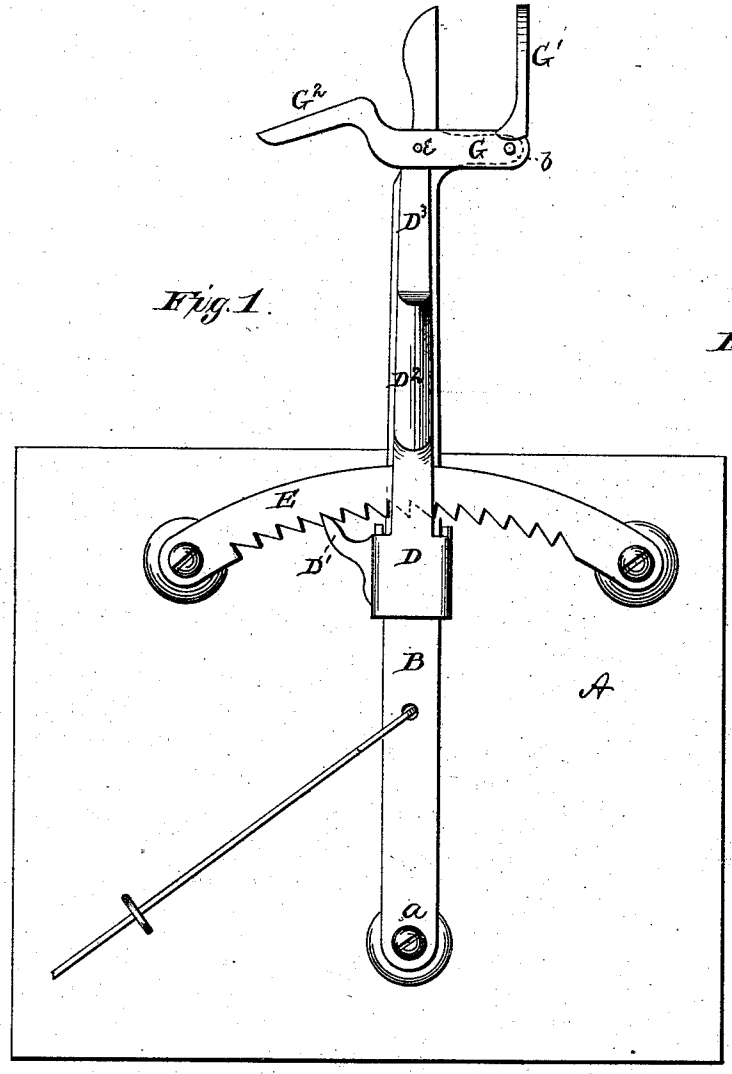


Fig. 2.

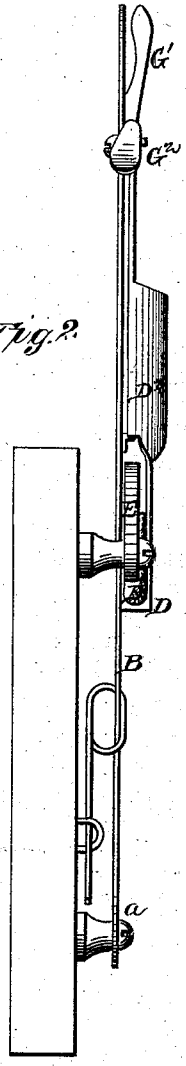


Fig. 3.

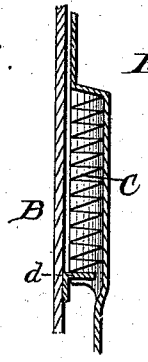
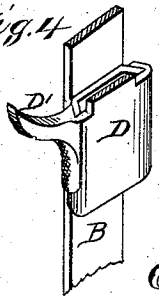


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDGAR J. ANDERSON, OF RACINE, WISCONSIN, ASSIGNOR OF ONE-HALF HIS RIGHT TO JENS JENSEN, OF SAME PLACE.

IMPROVEMENT IN VEHICLE BRAKE-LEVERS.

Specification forming part of Letters Patent No. **192,961**, dated July 10, 1877; application filed May 17, 1877.

To all whom it may concern:

Be it known that I, EDGAR J. ANDERSON, of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Lever-Locks for Vehicles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a lever-lock for wagon-brakes, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view of my invention. Fig. 2 is a side view of the same. Figs. 3 and 4 are detailed views of parts thereof.

A represents the side of a wagon-body, to which the lever B is pivoted at *a*. This lever is formed of one straight bar, with a projecting arm, *b*, near the top for the latch-lever G to be pivoted to. On the face of the lever B is a projection or lug, *d*, for the latch-spring C to rest on. A suitable distance below this lug are inclined flanges *e e*, on the edges of the lever, for the latch D to slide on.

This latch is made of one piece, in the form of a slide, with a projecting dog or finger, D^1. The slide is extended upward, forming a pocket or case, D^2, for holding the spiral latch-spring C, which keeps the latch up to the ratchet E when the hand or foot is removed from the latch-lever G. From the case or pocket D^2 a straight bar, D^3, reaches to the lever G, said bar having a stud or pin, *e*, that passes through said lever, thus allowing the latch to be moved by the motion of hand or foot.

The lever G is in L shape, one arm, G^1, forming the hand-lever, and from the other arm projects a step, G^2, for working the lever by the foot.

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

The combination of the main lever B, provided with the arm *b* and lug *d*, the ratchet E, spring C, slide D, with dog D^1, pocket D^2, and arm D^3, and the lever G, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of May, 1877.

EDGAR J. ANDERSON.

Witnesses:

JOHN T. FISH,

JENS JENSEN.