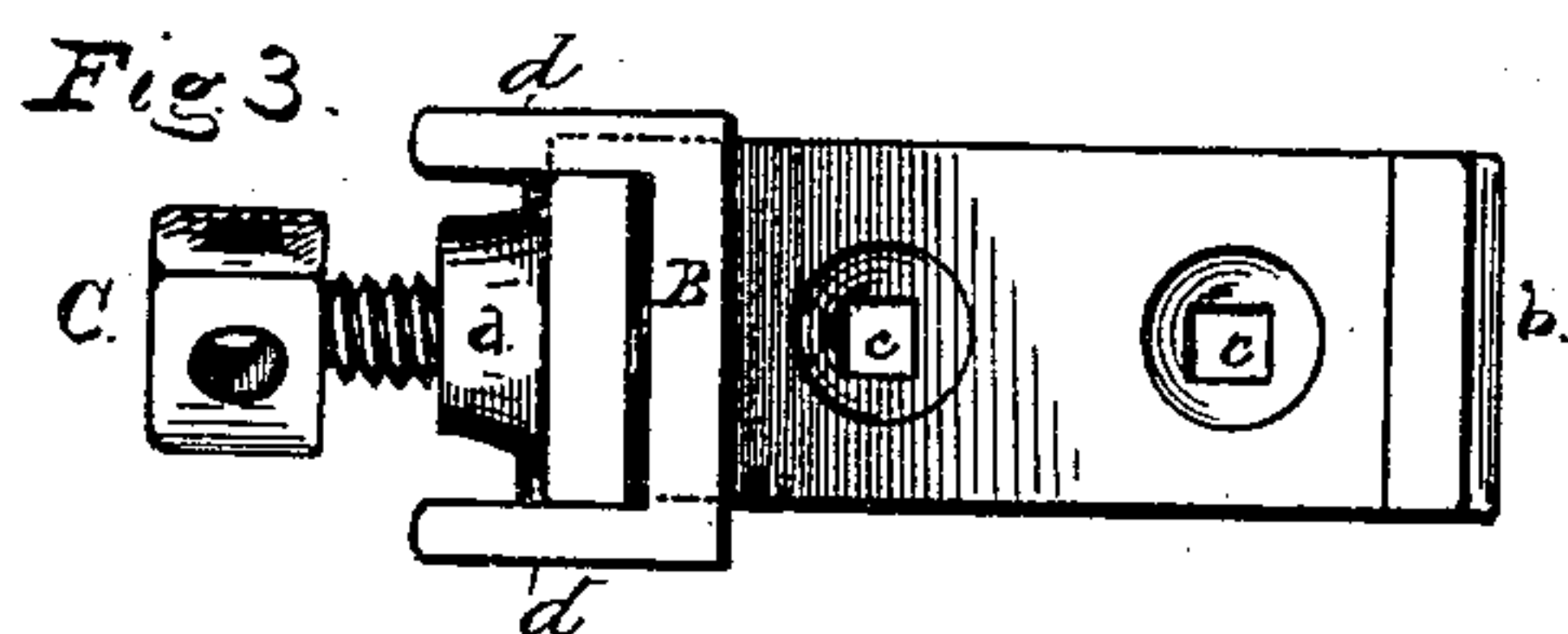
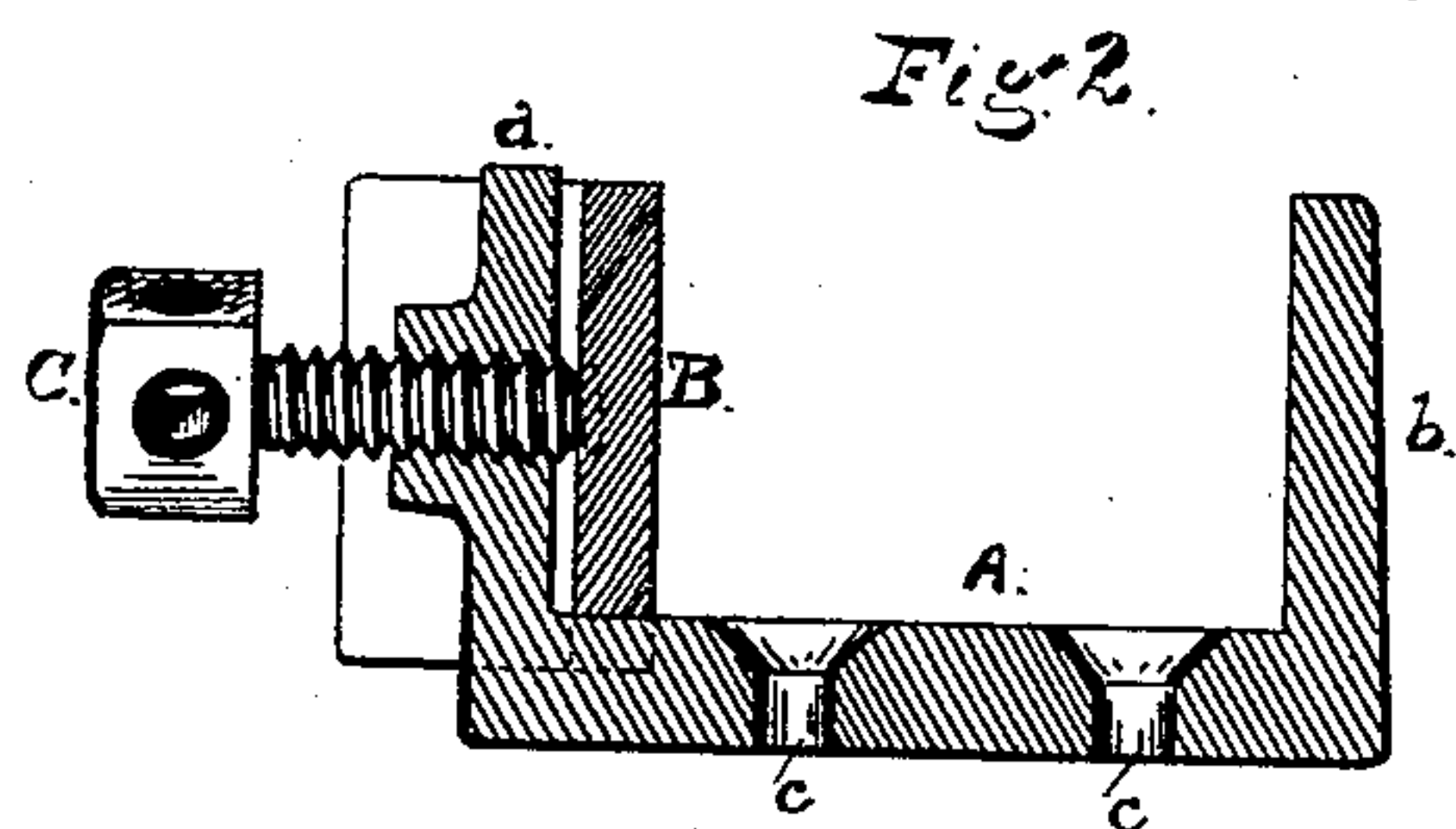
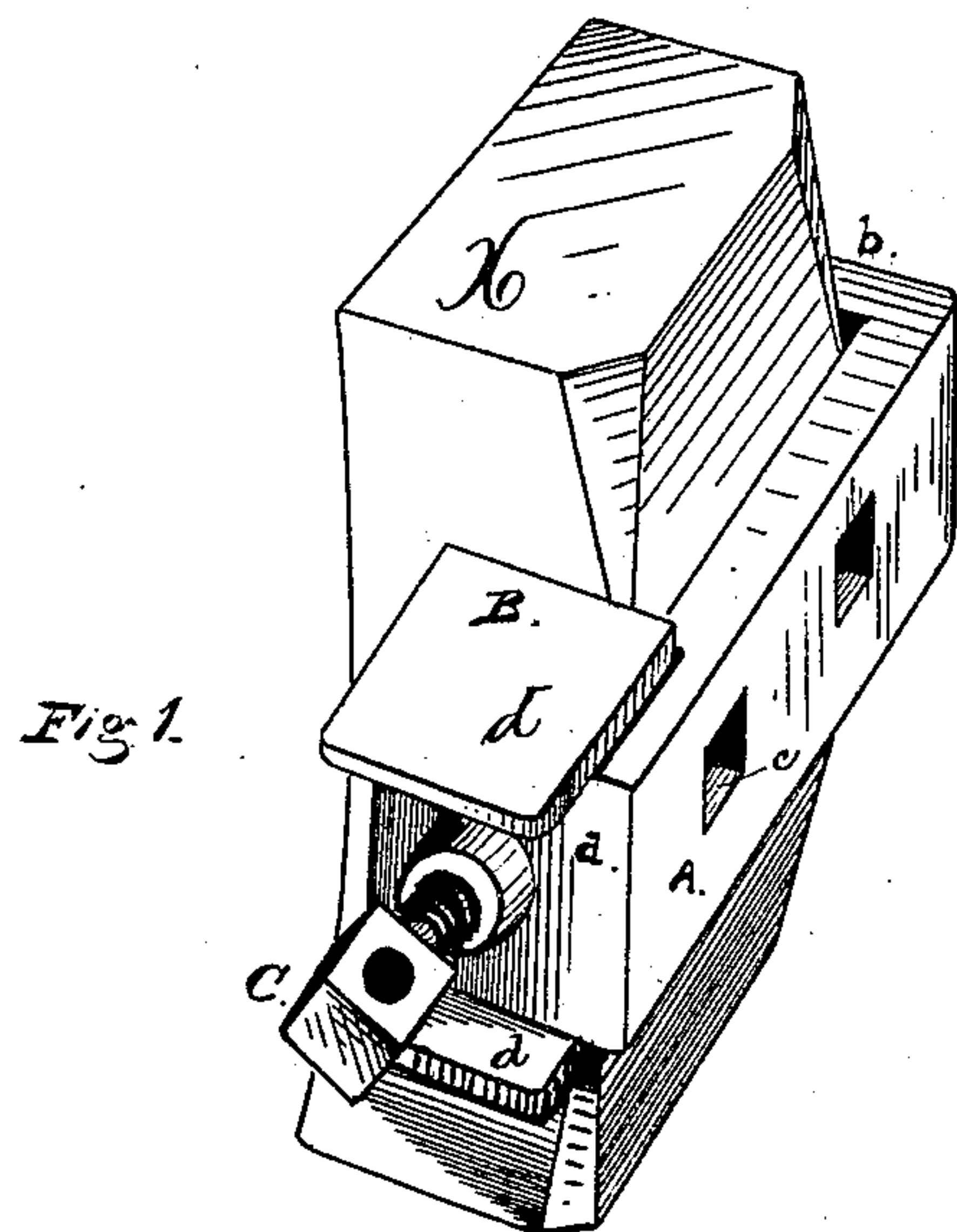


J. TAYLOR.
Brake-Shoe Clamp.

No. 215,691.

Patented May 20, 1879.



Witnesses:

Edward Gibson

Edward Gibson

Inventor:

Joseph Taylor

By C. W. M. Smith
his atty.

UNITED STATES PATENT OFFICE.

JOSEPH TAYLOR, OF PLACERVILLE, CALIFORNIA.

IMPROVEMENT IN BRAKE-SHOE CLAMPS.

Specification forming part of Letters Patent No. **215,691**, dated May 20, 1879; application filed November 2, 1878.

To all whom it may concern:

Be it known that I, JOSEPH TAYLOR, of Placerville, El Dorado county, State of California, have invented a certain new and useful Brake-Shoe Clamp or Holder for Vehicles; and I do hereby declare that the following is a full, clear, and exact description of the same, sufficient to enable any person skilled in the art to make and use it, reference being had to the accompanying drawings.

My invention has for its object to provide a better means for securing and holding in place the shoe or brake-block of vehicles, so that it can be adjusted when worn, or taken out altogether and replaced by a new shoe at any time, without the assistance of a mechanic.

It consists in the novel construction of a clamp or holder to be secured permanently to the brake rod or beam, and to hold the wooden block or shoe in proper position with respect to the wheel, and also allow it to be removed from between the jaws of the clamp when worn by use, as will be more fully set forth hereinafter.

In the drawings herein referred to, Figure 1 is a perspective view of my improved clamp or holder with the wooden shoe in place therein. Fig. 2 is a longitudinal section through the clamp without the shoe. Fig. 3 is a front view of the same.

The clamp or holder for the brake-shoe consists of the iron A, having its ends turned up to form the fixed jaws *a b*, and provided with holes *c c*, for securing it to the brake rod or beam. Within the space between these jaws *a b* is placed a movable clamping-plate or follower, B, held and moved by a set-screw, C, which works through a screw-threaded opening in the jaw *a*, and has its end seated in the follower B. By means of this screw the follower is pressed up against the wooden shoe, and is caused to firmly clamp this part and hold it from slipping.

The follower B is held rigidly in place and prevented from turning or twisting beneath the set-screw by the U-shaped form given to it, whereby the sides *d d* embrace the fixed jaw *a* at the end of the iron A, and while they allow the plate B to move toward or away from the jaw *b*, they prevent it from being turned by any pressure brought upon either end of the brake-shoe, so that the shoe is always held tightly in place within the clamp.

The block X can be readily set and secured in place by means of this clamp, and as it becomes worn in one part more than another, it can be easily taken out and readjusted or reversed, or a new shoe can be substituted; and this can be done at any time, even while the vehicle is on the road, and without the assistance of a mechanic.

As thus constructed my invention provides a strong and simple shoe clamp or holder for vehicles, and affords the farmer or teamster the means at all times for keeping his brakes in working order.

I am aware of Patent No. 86,007, granted January 19, 1869, to A. H. Dorr, and hereby disclaim the same.

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

The brake-shoe clamp described, consisting of the iron A, having fixed jaws *a b* and holes *c*, for securing the clamp to the brake-bar, the follower B, provided with wings *d*, embracing the jaw *a*, and the screw C, all constructed and arranged substantially as described and shown.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 8th day of August, 1878.

JOSEPH TAYLOR. [L. S.]

Witnesses:

OGDEN SQUIRES,
SPENCER S. POLLOCK.