

G. W. KENDRICK.
Car-Couplings.

No. 152,648.

Patented June 30, 1874.

Fig. 1.

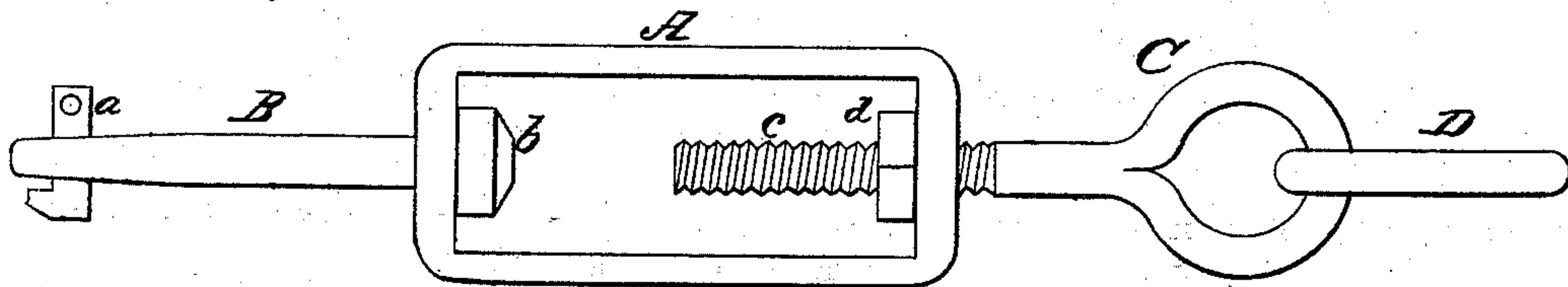
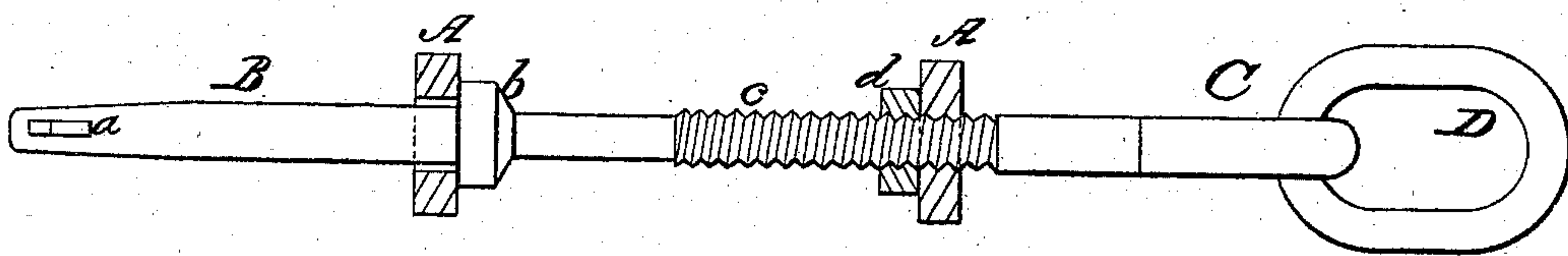


Fig. 2.



WITNESSES

Mary J. Utley.
Geo. A. Upkade.

By

INVENTOR

George W. Kendrick
Chipman, Foxworth & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE W. KENDRICK, OF CAMERON, MISSOURI.

IMPROVEMENT IN CAR-COUPPLINGS.

Specification forming part of Letters Patent No. **152,648**, dated June 30, 1874; application filed April 4, 1874.

To all whom it may concern:

Be it known that I, GEORGE W. KENDRICK, of Cameron, in the county of Clinton and State of Missouri, have invented a new and valuable Improvement in Swivel-Couplings; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my swivel-coupling, and Fig. 2 is a sectional view of the same.

The object of this invention is to provide a simple and efficient contrivance for coupling cars together should a draw-head be casually pulled out of its place, without the necessity of having to resort to chain-connections. To the accomplishment of this object the nature of my invention consists in the employment of a swivel-stem with a key attached to it for connection with the follower, in combination with a turn-buckle, a swivel-eyepin, and a coupling-link, whereby a close and positive connection between cars can be made should a draw-head be rendered inoperative, as will be hereinafter more fully explained.

In the annexed drawings, A designates a turn-buckle, and B a stem, which is applied to

this buckle so as to turn freely about its longitudinal axis in one end thereof. The stem B is constructed with a head, *b*, which prevents it from being drawn out of the buckle A, and this stem is also constructed with a slot through one end to receive a key, by which it is connected to a draw-head follower, in the event of the detachment of a draw-head at places on a road where repairs cannot be made. The end of the turn-buckle A opposite that to which the swivel-stem is applied, as described, is screw-tapped to receive the threaded end *c* of an eyebolt, C, which bolt is adjustable, and it can be fixed at any desired point by means of a jam-nut, *d*. The said eyebolt C has connected to it a link, D, which is the coupling-link of my improved device.

What I claim as new, and desire to secure by Letters Patent, is—

A swivel-coupling consisting of a pin, B, a buckle, A, an eyebolt, C, and a link, D, combined and constructed as and for the purpose described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE WASHINGTON KENDRICK.

Witnesses:

GEO. DUNCAN,
ABRAM BYRON.