

J. B. P. MOHAN.

CAR-COUPLING.

No. 188,065.

Patented March 6, 1877.

Fig: 1.

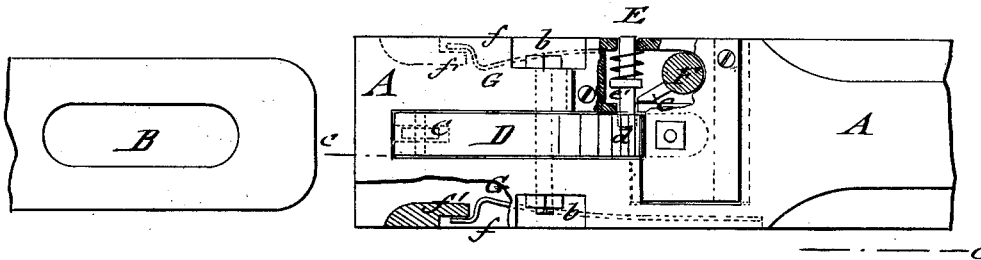


Fig: 2.

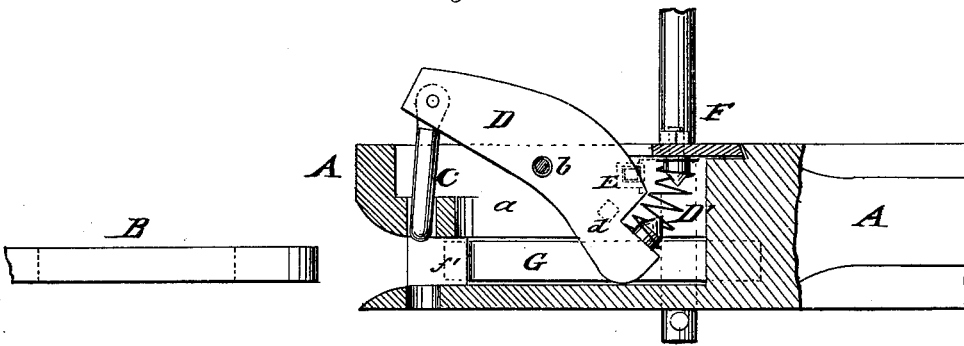
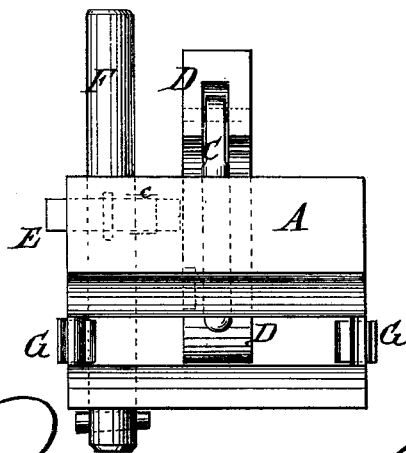


Fig: 3.



WITNESSES:

Chas. Nicks
J. H. Scarborough

INVENTOR:

J. B. P. Mohan.

BY

Wm. H. [Signature]

ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN B. P. MOHAN, OF DRYDEN, MINNESOTA, ASSIGNOR OF ONE-THIRD
HIS RIGHT TO THOMAS D. M. MOHAN, OF SAME PLACE.

IMPROVEMENT IN CAR-COUPINGS.

Specification forming part of Letters Patent No. **188,065**, dated March 6, 1877; application filed
November 18, 1876.

To all whom it may concern :

Be it known that I, JOHN B. P. MOHAN, of Dryden, Sibley county, Minnesota, have invented an Improvement in Car-Couplings, of which the following is a specification:

Figure 1 of the drawing is a top view; Fig. 2, a vertical longitudinal section; Fig. 3, a vertical transverse section.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A represents a draw-head, having the cavity *a*, in which is pivoted at *b* the lever D. To the front end of this lever is pivoted a pin, C, which passes through vertical holes of the draw-head, as usual, and to the rear is attached a spring, D', that forces down said hinder end as soon as a sliding spring-bolt, E, is withdrawn by the movement of the lug on rocking shaft F. This key or shaft F acts by the lug or pin *e* on a collar, *e'*, of the spring-bolt E.

The mode of operation is as follows: The link B passes into draw-head under and against the rear of the lever D, lifting the latter against the spring until its recess *d* receives the spring-bolt E, which then holds the lever in a horizontal position against the tension of spring D'. As soon as the shaft or key F is turned sufficiently to force back the bolt E, the spring D' forces down the rear and up the front end of lever D, thus uncoupling the cars.

What I claim is—

The combination, with lever D, having pivoted front pin C and fulcrum *b* in cavity of draw-head, of the spring D' and locking-bolt E, arranged to operate as shown and described.

JOHN B. P. MOHAN.

Witnesses:

SYLVESTER KIPP,
M. DONOHUE.