

E. L. FOREMAN.

Improvement in Car-Couplings.

No. 114,124.

Fig 1

Patented April 25, 1871.

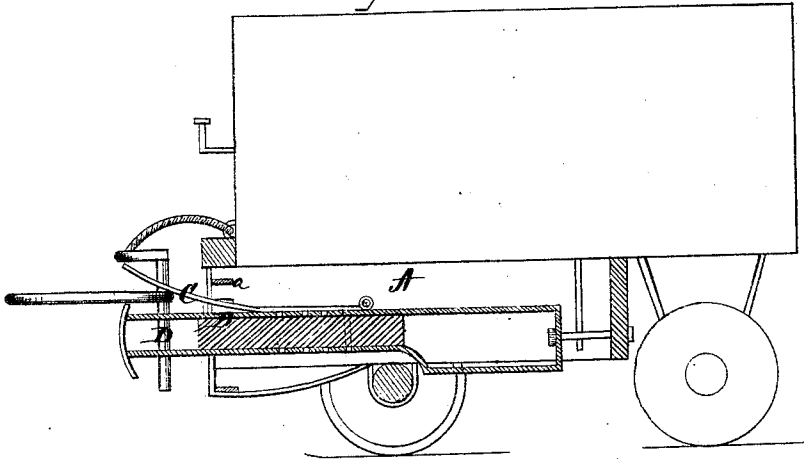
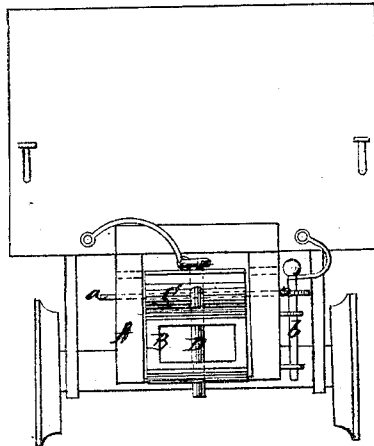


Fig 2



Witnesses.

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Inventor.

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UNITED STATES PATENT OFFICE.

EDWIN L. FOREMAN, OF RANTOUL, ILLINOIS.

IMPROVEMENT IN CAR-COUPPLINGS.

Specification forming part of Letters Patent No. **114,124**, dated April 25, 1871.

To all whom it may concern:

Be it known that I, EDWIN L. FOREMAN, of Rantoul, in the county of Champaign, and in the State of Illinois, have invented certain new and useful Improvements in Car-Coupling; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, 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 car-coupling, 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 longitudinal vertical section, and Fig. 2 is a front elevation, of my car-coupling.

A represents a frame, of any suitable size or construction, arranged under a car, and in which the draw-head B is placed. On top of this draw-head is hinged a metal strap, C, which I call a "hammer-strap." The outer or front end of this strap is curved upward, as shown in Fig. 1, and the coupling-pin D passes through the same as well as through the draw-

head B. The object of this strap is to accommodate the coupling to different heights of cars.

If one car should be too high for another, so that the coupling-link could not enter the draw-head, then it will pass over the draw-head and under the hammer-strap, and then, when the pin is inserted, the cars will still be coupled.

Through the front end of the frame A is passed a cross-bar, *a*, which can be adjusted up and down, so as to allow the hammer-strap C any desired room for play, either more or less, as may be necessary, and this bar is held by a pin, *b*, as shown in Fig. 2.

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

1. The hammer-strap C, hinged on the upper side of the draw-head, substantially as and for the purposes herein set forth.

2. In combination with the hammer-strap C, the adjustable bar *a* and pin *b*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of January, 1871.

EDWIN L. FOREMAN.

Witnesses:

E. W. SMITH,
J. W. DODGE.