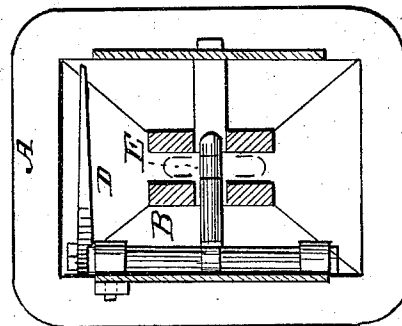
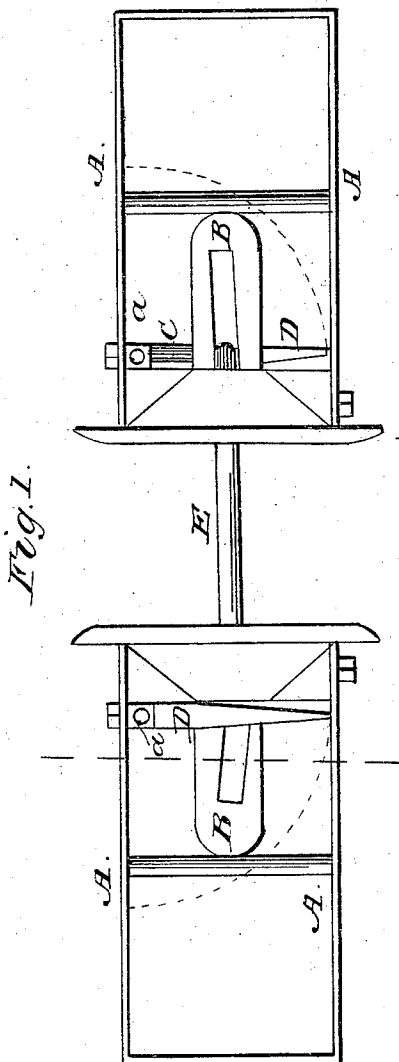


D. M. STEWARD.

Car Coupling.

No. 80,026.

Patented July 14, 1868.



Witnesses

Cornelius Cox.
Leopold Ewert.

Inventor

D. M. Stewart.
per Alexander T. Mason
Atty.

United States Patent Office.

D. M. STEWARD, OF DAYTON, OHIO.

Letters Patent No. 80,026, dated July 14, 1868.

IMPROVED CAR-COUPLING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, D. M. STEWARD, of Dayton, in the county of Montgomery, and in the State of Ohio, have invented certain new and useful Improvements in Car-Couplings; 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.

The nature of my invention consists in the manner of coupling cars by means of a T-shaped pin, the tongue of which falls into a slotted bar, thus doing away with the necessity of using springs or anything else that might be affected by the weather.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a side view, and

Figure 2 a transverse section.

A A represent the coupling-boxes, B a slotted bar attached to the inside thereof, the slot on said bar forming the coupling-chamber.

The T-shaped pin C is hung by its arms in the eye-bolts *a a*, under the upper side of the coupling-box, and so arranged that its tongue falls down, in, and through the slot on the bar B, and against the inner side of the entrance to the coupling-chamber, as shown in fig. 1.

One of the arms of said pin is provided with a handle, D, fastened thereto, by which means the cars can be uncoupled, as, by raising the handle, which can be done by means of cords passing up through staples or pulleys to the car, the tongue of the pin will be raised out of the slot, and the coupling-ring E taken out.

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

The pin C, with handle D, fastened by the eye-bolts *a a*, in combination with the slotted bar B, which forms the coupling-chamber, all constructed and arranged substantially as described and for the purposes specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 23d day of May, 1868.

D. M. STEWARD.

Witnesses:

DENIS REGAN,

W. H. SIGMAN.