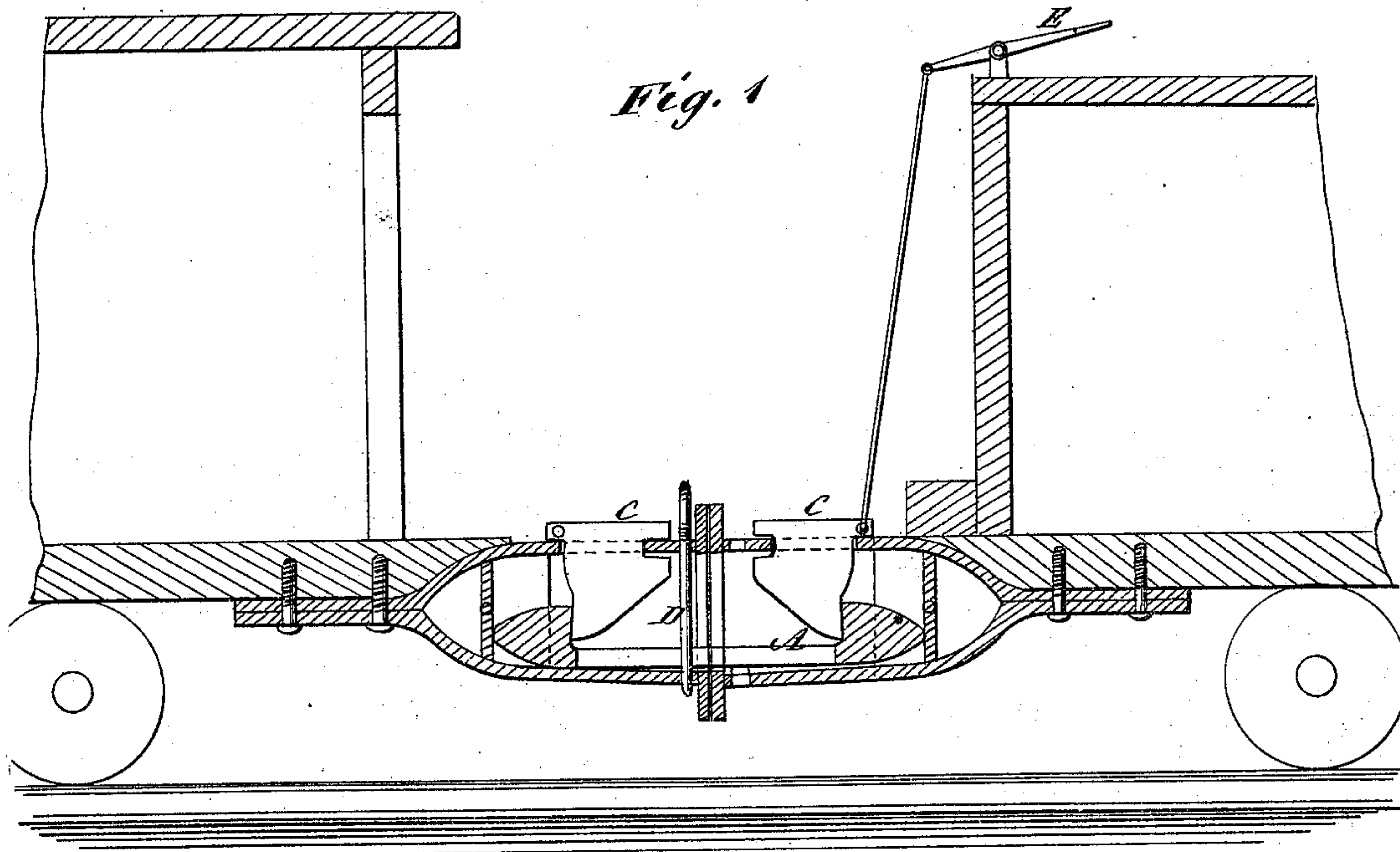


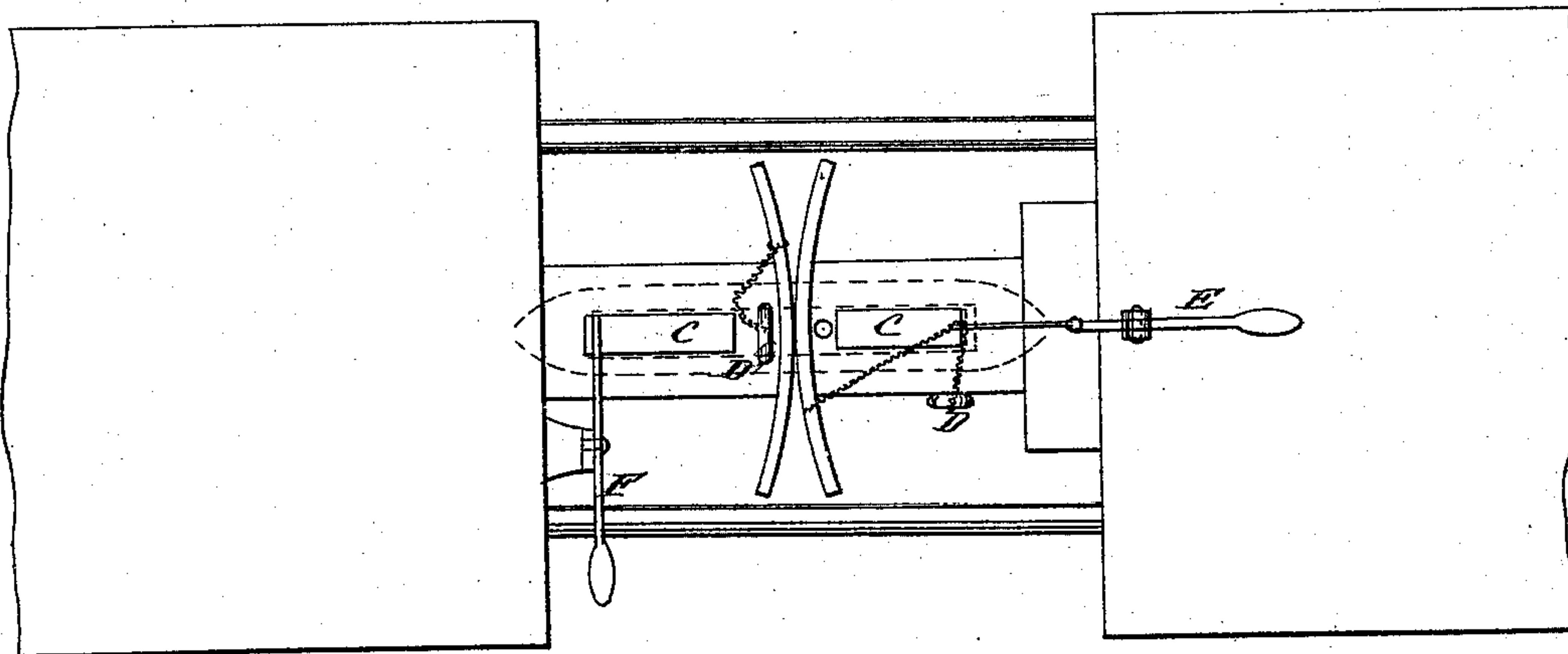
C. H. BRIGGS  
CAR-COUPLING.

No. 174,187.

Patented Feb. 29, 1876.



*Fig. 2*



WITNESSES:

*C. Neveu*  
*John Goethals*

INVENTOR:

*C. H. Briggs*  
BY *Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

CHARLES H. BRIGGS, OF BLACK HAWK, COLORADO TERRITORY.

## IMPROVEMENT IN CAR-COUPPLINGS.

Specification forming part of Letters Patent No. **174,187**, dated February 29, 1876; application filed January 15, 1876.

*To all whom it may concern:*

Be it known that I, CHARLES H. BRIGGS, of Black Hawk, Gilpin county, Territory of Colorado, have invented a new and Improved Car-Coupling, of which the following is a specification:

My invention consists of a combined link and hook-headed coupler, in combination with a catch in the draw-bar behind the hole for a coupling-pin, which may be used with cars only adapted for the ordinary link-and-pin connection. The catch is contrived to work vertically in opening and closing, so that it will fall and couple self-actingly, and can be uncoupled from the top of the car or from the side.

Figure 1 is a longitudinal sectional elevation of my improved coupling, and Fig. 2 is a top view.

Similar letters of reference indicate corresponding parts.

A is the link, which I construct with a hook-

head, B, on the upper side of each end, and for which I contrive the gravity-catch C in the draw-head behind the hole for the coupling-pin D, thus converting the ordinary link-and-pin coupling into a self-coupler, and at the same time having it so that it can be used in either way. The hook may be connected to a lever, E, on the top of the car for uncoupling therefrom, and it may also be connected with a lever, F, for working it from the side.

I am aware that a gravity-catch has been heretofore used in connection with a hook-coupler; but

What I claim is—

A gravity-catch, C, hinged on the end of slot in draw-bar and behind the ordinary hole for the coupling-pin, as and for the purpose specified.

CHARLES H. BRIGGS.

Witnesses:

ADRIAN MOUSTER,  
E. C. BEACH.