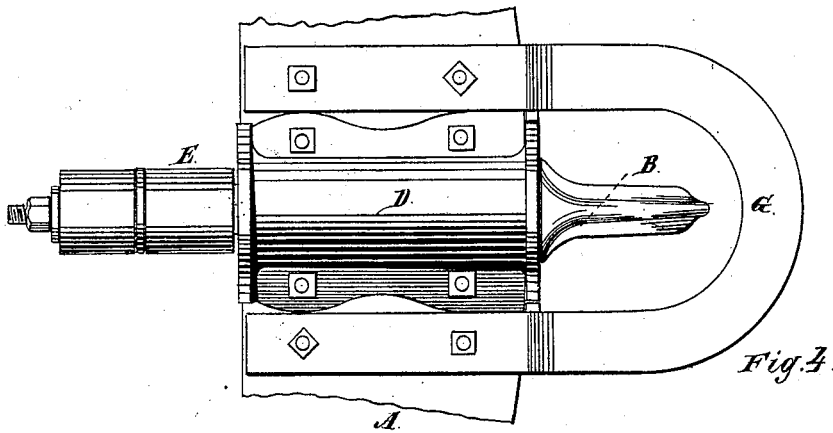
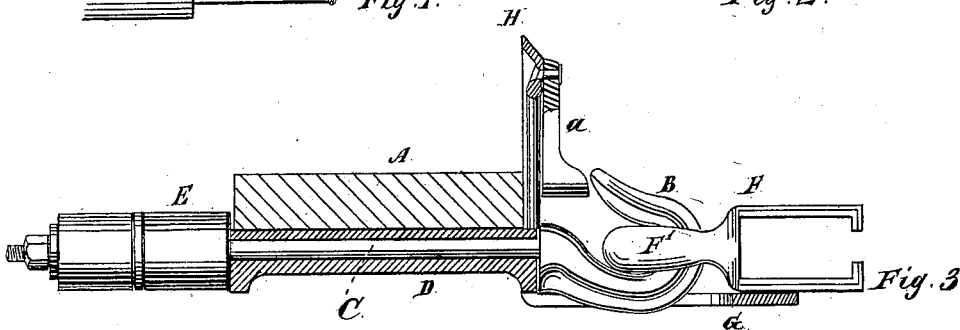
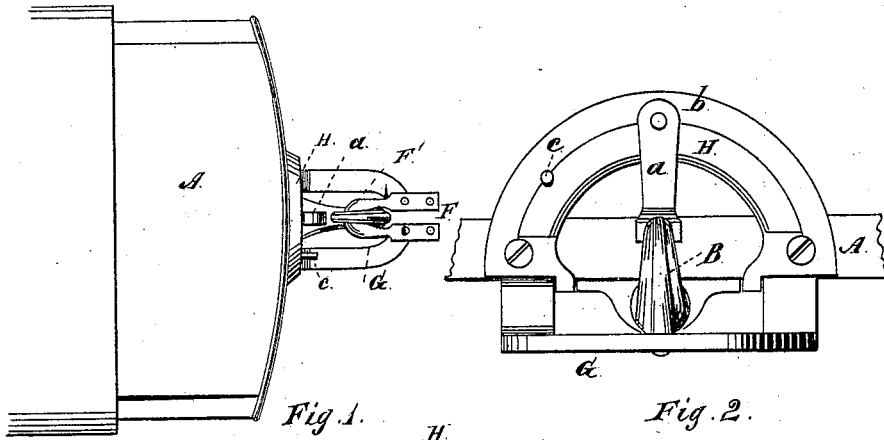


A. W. EGGLESTON.  
 Drawbar for Street-Cars.

No. 205,622.

Patented July 2, 1878.



Witnesses:  
 A. W. Bond  
 J. L. Binnick

Inventor:  
 Anson W. Eggleston  
 By West & Bond, Attys.

# UNITED STATES PATENT OFFICE.

ANSON W. EGGLESTON, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN DRAW-BARS FOR STREET-CARS.

Specification forming part of Letters Patent No. **205,622**, dated July 2, 1878; application filed March 28, 1877.

*To all whom it may concern:*

Be it known that I, ANSON W. EGGLESTON, of the city of Chicago, Cook county, State of Illinois, have invented new and useful Improvements in Street-Cars, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view; Fig. 2, a front view; Fig. 3, a longitudinal section; Fig. 4, a bottom view. Figs. 3 and 4 are enlarged.

The object of this invention is to provide a cheap and efficient method of attaching horses to the car; also, to provide devices for supporting the evener or whiffletree.

In the drawings, A represents the platform of a street-car. B is a hook. C is the draw-bar to which the hook is attached. D is a socket in which the draw-bar is located. E is a spring upon the end of the draw-bar. F is an iron or clip secured to the evener. It is provided with an eye, F', to engage with the hook B. H is a curved metal bar secured to the front edge of the platform. *a* is a guard pivoted at *b* to the iron H. *c* is a pin, also secured to H. G is a curved metal bar secured at the inner ends to the under side of the platform, and extending some distance forward thereof, as represented.

The ordinary dash-board is to be used, but is not represented in the drawings.

I do not use any pole or tongue.

In use, when it desired to attach the horses

to a car, the guard *a* is to be thrown over until it rests upon the top of the pin *c*; then the driver can hook the eye F' upon the hook B, nothing further being necessary to complete the attachment. The guard *a* is then to be returned to the position represented in Figs. 2 and 3, and will effectually prevent the accidental escape of the eye F' from the hook B.

In use, the evener will rest upon that portion of the bar G which projects in front of the platform, and this bar will prevent the whiffletrees upon the ends of the evener from dropping down to the ground.

The device can be used with two horses or with a single horse.

I have shown a rubber spring, E. A metal spring might be used.

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

1. The guard *a*, plate H, and pin *c*, in combination with the draw-bar C, provided with the hook B and curved bar G, substantially as and for the purpose specified.

2. The draw-bar C, provided with a hook, B, in combination with the iron H, guard *a*, and stop *c*, substantially as and for the purposes set forth.

ANSON W. EGGLESTON.

Witnesses:

O. W. BOND,  
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