

R. BUSTEED.
Railway-Car.

No. 219,847.

Patented Sept. 23, 1879.

Fig. 1.

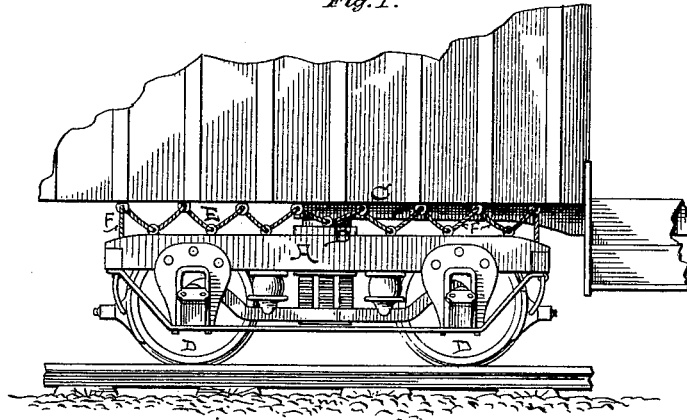


Fig. 2.

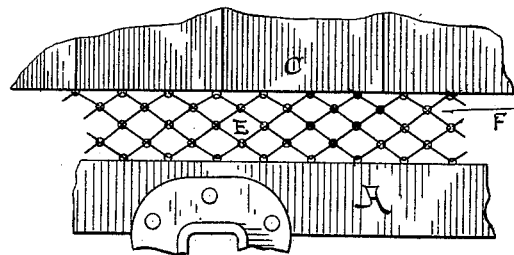


Fig. 3.

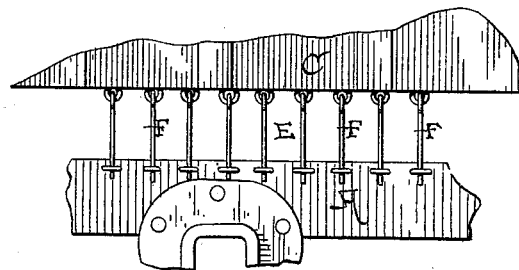
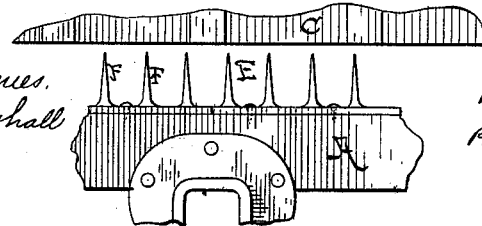


Fig. 4.

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UNITED STATES PATENT OFFICE.

RICHARD BUSTEED, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN RAILWAY-CARS.

Specification forming part of Letters Patent No. **219,847**, dated September 23, 1879; application filed August 11, 1879.

To all whom it may concern:

Be it known that I, RICHARD BUSTEED, of Brooklyn, in Kings county, in the State of New York, have invented a new and useful Improvement in Railway-Carriages, whereof the following is a full and exact description.

It is well known that railway companies are now defrauded in a great number of instances by persons who steal rides of greater or less distance by hiding upon the car-trucks beneath the car. The space between the truck and the floor of the car is generally sufficient to receive the body of a man, and when he has placed himself therein he is not likely to be detected for a considerable time, especially if it be in the night. Riding in this place is dangerous, however, and injury or loss of life frequently ensues.

The object of my invention is to prevent access to these dangerous hiding-places, and in that way to save the railway-car from trespass, and prevent the personal injuries and loss of life which frequently ensue.

To accomplish this object I obstruct the entrance to the space between the truck and the floor of the car by some means effectual to prevent the entrance to or occupancy of such space.

Having stated the object and general method of my invention, it will be apparent to every one that the means of carrying it into effective operation will be various, and that it will be impossible to foresee or in advance to suggest them all. I therefore shall describe herein one or two effective methods, without, however, designing to confine myself to the ways thus described.

It is not to be understood, however, that my invention refers to those contrivances which, being designed to prevent persons from being run over by the car-wheels, inclose the whole space below the car-body.

My invention refers only to the space between the truck and the car-floor.

That others may fully understand my invention, I will particularly describe a good and efficient method of carrying it into effect, having reference to the accompanying drawings, wherein—

Figure 1 is a side elevation of an ordinary

car-truck provided with a device for preventing the entrance of a man to the space between the truck and car-floor. Figs. 2, 3, and 4 represent modifications of my device.

A is the frame of a car-truck of any usual construction. B is the bolster, and C is the floor of the car.

The truck A is supported upon the wheels D D. It is within the space E between the truck A and floor C that persons frequently hide and find refuge secure from detection, especially during the night; and the object of my invention is to prevent such hiding by obstructing the entrance or occupancy of such space; and to do this I prefer to prevent access by a screen, F, of wire rods or netting, or some similar material, as shown in Figs. 1, 2, 3, 4.

I do not think it necessary to describe minutely the structure of said screen, because the same may be varied greatly, or an obstruction of entirely different structure may be substituted, such as chains, rods, barbed or spurred plates, &c. The screens shown in the figures will, however, be cheap, efficient, and easily applied, and will not in any way impede the action of any of the parts.

Having described my invention, what I claim as new is—

1. A railway-car and its truck having the space, E, between said truck and the floor of said car provided with a device, between said truck and floor, to prevent access to or occupancy of said space E by the person of a man, substantially as and for the purpose set forth.

2. A railway-car and its truck having the space, E, between said truck and the floor of said car combined with a screen of metallic rods between said truck and floor, to prevent access to said space.

3. A railway-car and its truck, A, having the space, E, between said truck and the floor C of said car combined with a net or screen of linked rods secured at one edge to said truck, and at the other to the floor of said car.

RICHD. BUSTEED.

Witnesses:

R. F. STEWART,
WM. H. PEARCE.