

(No Model.)

G. W. HUNT.

DEVICE FOR LIGHTING THE STEPS OF CARS OR CARRIAGES.

No. 260,100.

Patented June 27, 1882.

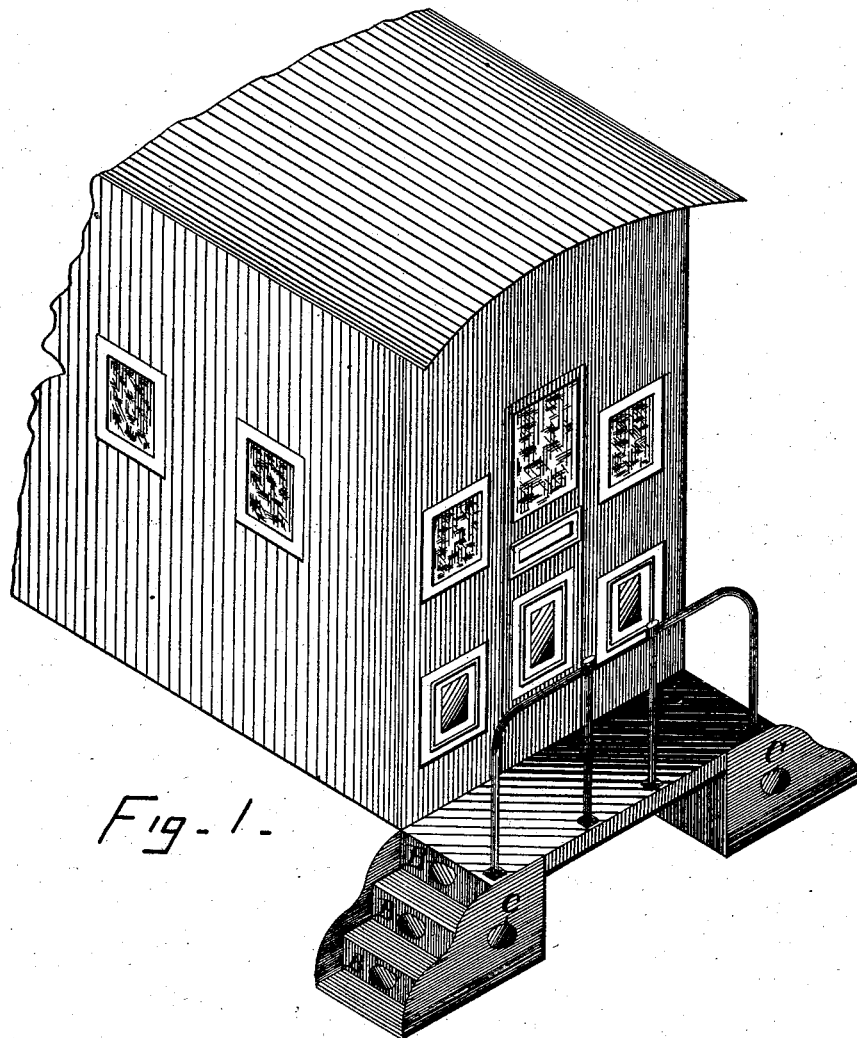


Fig. 1.

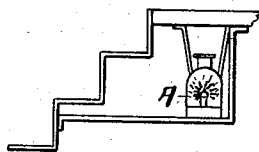


Fig. 2.

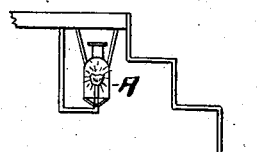


Fig. 3.

WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE W. HUNT, OF PHILADELPHIA, PENNSYLVANIA.

DEVICE FOR LIGHTING THE STEPS OF CARS OR CARRIAGES.

SPECIFICATION forming part of Letters Patent No. 260,100, dated June 27, 1882.

Application filed May 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. HUNT, a citizen of the United States, and a resident of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Devices for Lighting the Steps of Railway or other Cars or Carriages, of which the following is a specification.

The object of my invention is to provide a device by which the steps of railway and other cars or carriages may be illuminated at night, and so prevent the numerous accidents which arise owing to imperfect illumination of these parts of the car or carriage, and at the same time to use this light to take the place of the danger-signal or brakeman's lamp which is generally attached to the rear car of all trains.

In the accompanying drawings, forming part of this specification, and in which similar letters of reference indicate like parts throughout the several views, Figure 1 represents a perspective view of the end and platform of a car with my invention attached; Fig. 2, an end view of one side of the platform, showing the arrangement for attaching a lamp for illuminating purposes; and Fig. 3, an end view of one side of the platform, showing a gas-jet instead of the lamp or lantern.

The light A, which I use to illuminate the platform, is placed at some convenient point beneath the platform, and is suitably fastened and inclosed, so as not to be upset or blown out by the jarring of the train or action of drafts.

In each step of the car I cut a hole, B, and place therein a suitable piece of colorless glass, so that the light from the lamp or gas-jet A will shine upon and illuminate the steps, and

I further cut a hole, C, in the after side of the steps, in which is placed a suitably-colored glass, through which the light also shines, and which takes the place of the ordinary danger-lights which are usually placed upon the rear platform of the car or upon the railing.

If it is necessary, I may cover the glasses with a wire screen to prevent their being broken, although I prefer to have the glass sufficiently thick to obviate the necessity for this. Where there is no after side to the steps of the platform a combination-lantern would be used, throwing white light through the steps, and by means of red or green glass the appropriate light for the rear of the train. This could be accomplished by having the lantern fixed in its frame so as to revolve, the colored glasses being so arranged as to produce the desired result.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. The combination, in a device for illuminating the steps of railway or other cars, of the light A and holes and glasses B, substantially as and for the purposes set forth.

2. The combination, in a device for illuminating the steps of railway or other cars, of the light A and holes and glasses C, substantially as and for the purposes set forth.

3. The combination, in a device for illuminating the steps of railway or other cars, of the light A, holes and glasses B, and holes and glasses C, substantially as and for the purposes described.

GEO. W. HUNT.

Witnesses:

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