L. WOOD.

STREET-CAR FARE-BOXES.

No. 192,805. Patented July 3, 1877.

Fig. 1.

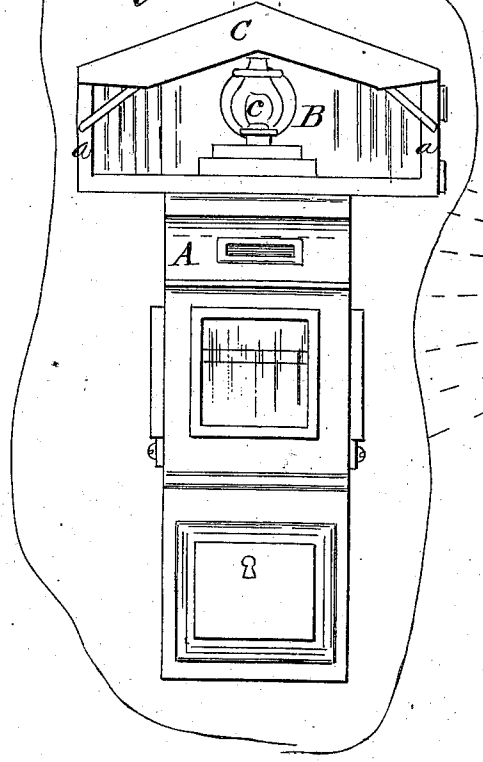
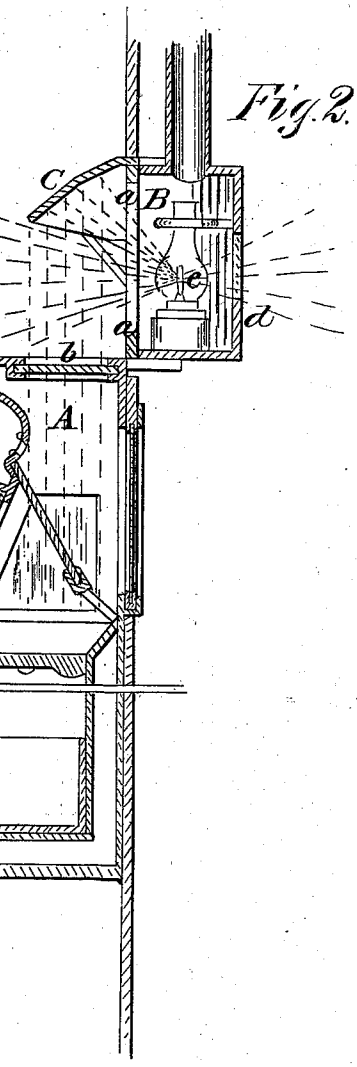


Fig. 2.



Witnesses.

Alfred Shedlock.

Daniel Brown

Inventor.

Loftis Wood.

E. H. Johnson,

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UNITED STATES PATENT OFFICE.

LOFTIS WOOD, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN STREET-CAR FARE-BOXES.

Specification forming part of Letters Patent No. **192,805**, dated July 3, 1877; application filed January 16, 1877.

To all whom it may concern:

Be it known that I, LOFTIS WOOD, of Brooklyn, Kings county, New York, have invented certain Improvements in Devices for Illuminating Street-Car Fare-Boxes, of which the following is a specification:

Prior to my invention, so far as known to me, in all devices where the head-lamp of the car was employed to illuminate the interior of the fare-box, the lamp-box was situated immediately over the fare-box, and had an opening in its bottom which was either covered or closed by glass, or was immediately over a glass-covered opening in the top of the fare-box, and through these openings the light from the lamp was reflected down into the interior of the fare-box. This method possessed many disavantages, perhaps the greatest being the soiling and dimming of the glass through which the light passed into the fare-box, and the great obstruction of light consequent thereon.

My invention consists in a novel construction, combination, and operation of parts which have for their object to prevent the above-mentioned inconvenience by removing both the reflector and transparent top of the fare-box entirely out of the lamp-box, and otherwise improve the illumination of the fare-box, as will be fully hereinafter set forth.

Fig. 1 of the drawings is a front elevation of a fare-box and head-lamp embodying my improvements. Fig. 2 is a vertical section of the same.

A represents the fare-box, and B the head-lamp box. They are both secured to the panel of the car, as shown, the former inside and the latter entirely or partly outside, so that the back of the fare-box and the front of the lamp-box are in the same plane, or substantially so. The top of the fare-box is, therefore, uncovered by the lamp-box. *a* is the door of the lamp-box, which may swing either vertically or horizontally. To the upper part of the frame of this door is secured the reflector C, which extends out over the top of the fare-box in which is inserted the glass light *b*. The rays emanating from the lamp *c*, which come in contact with the reflector C, are reflected thereby down through the light *b* into the fare-box. The reflector C may be parabolic or otherwise shaped, so as to advantageously throw the light into the box. The back *d* of the lamp-box may be entirely of glass, so as to illuminate the road immediately in front of the car.

I am aware of the Letters Patent No. 121,920, dated December 12, 1871, and I disclaim the invention therein shown and described.

I claim—

The combination of the fare-box A, having a transparent top, *b*, the lamp-box B, situated above the fare-box, and behind its transparent top *b*, and the reflector C situated outside, above, and in front of the lamp-box B, so as to reflect the rays from the head-lamp into the fare-box, constructed and operating substantially in the manner described and specified.

LOFTIS WOOD.

Witnesses.

H. H. G. DEVEER,

E. H. JOHNSON.