

W. E. FAWCETT.
 MOTORMAN'S STOOL.
 APPLICATION FILED SEPT. 23, 1909.

954,857.

Patented Apr. 12, 1910.

FIG. I.

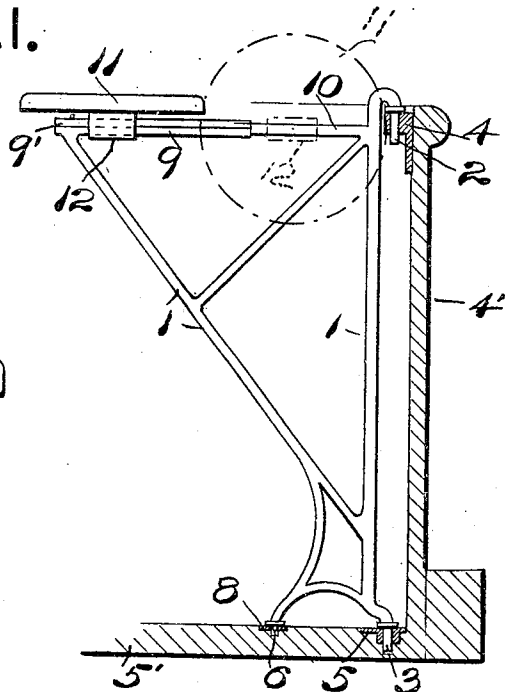


FIG. III.

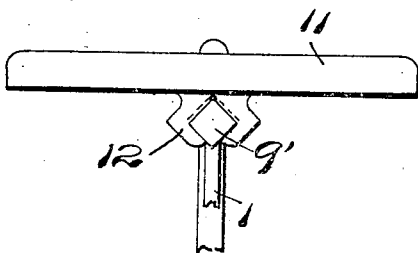


FIG. II.

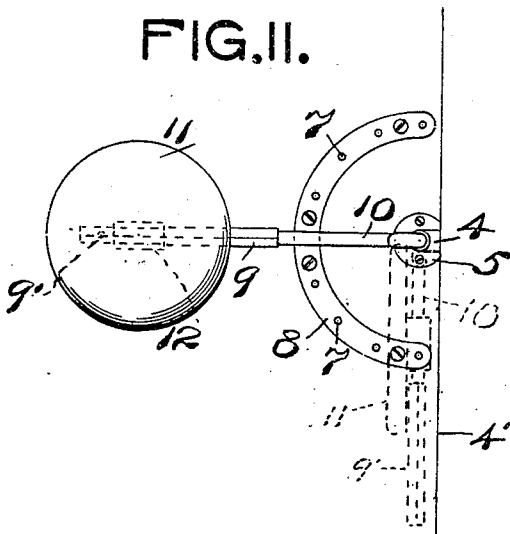
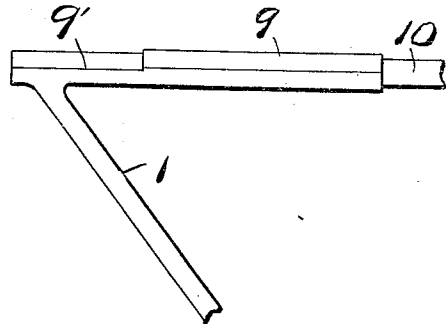


FIG. IV.



Inventor

William E. Fawcett,

By Richard D. Garrison,
 His Attorney

Witnesses

E. D. Russell,

M. E. Harrison.

UNITED STATES PATENT OFFICE.

WILLIAM E. FAWCETT, OF SWISSVALE, PENNSYLVANIA.

MOTORMAN'S STOOL.

954,857.

Specification of Letters Patent. Patented Apr. 12, 1910.

Application filed September 23, 1909. Serial No. 519,140.

To all whom it may concern:

Be it known that I, WILLIAM E. FAWCETT, a citizen of the United States, residing at Swissvale, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Motormen's Stools; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention has for its object, the provision of a motorman's stool that may be readily and quickly detached from one platform of a car and attached to the other.

Another object of my invention, is to provide a stool of this class, that may be readily and quickly folded against the dash-board of the car platform when not in service, or adjusted into position for service, within the limits of its movement, to various positions for convenience of the motorman.

In the accompanying drawings, which form a part of this specification, I have shown my improved stool and its application to the car platform, wherein,

Figure I, is a side view of the stool in position for service. Fig. II, is a plan view thereof. Fig. III, is an enlarged front elevation of a portion of the frame and attending seat. Fig. IV, is a side elevation of a portion of the frame having the seat removed, in all of which views similar detail portions are designated by numerals of like character.

The invention shown, comprises a suitably designed frame 1, having a vertically disposed pintle 2 at its upper rear portion and a similar pintle 3 at the base, by means of which pintles the frame is pivotally mounted to the respective hangers 4, secured to the dash-board 4', and the plate 5 secured to the car platform. This frame is further provided with a small forwardly disposed locking projection 6 at the base thereof which is adapted to engage in any one of the openings 7 of the semi-circular plate 8 secured to the platform, so as to retain the frame in desired position.

The upper horizontally disposed portion of the frame is similar to that of a bar, made square in cross-section at its forward

portion 9 and round in cross-section at the rear 10, upon which bar is mounted a seat 11, said seat being slidably arranged upon the bar by means of the sleeve 12 carried thereby, the interior of said sleeve being correspondingly formed to fit the square portion of the frame rod and thereby hold the seat in operative horizontal position. The extreme forward portion 9' of the frame rod is formed with a less cross-section than that portion 9, by reducing the two upper surfaces slightly so as to form a shoulder for the seat to rest in and thereby prevent the same becoming displaced when thus positioned for service.

In the views shown by full lines, the stool is shown as swung around in position for use at approximately right angles to dash-board, but, as before stated, may be adjusted so as to engage any one of the openings 7 of the plate 8, in any of which positions the stool will be found sufficiently rigid as to fulfil the requirements intended.

When not in service, the seat 11 is slightly raised, then pushed rearward so as to bring the sleeve portion 12 thereof over the rounded portion 10 of the frame bar and the seat turned at right angles, as shown by dotted lines in Fig. I, after which, the frame is slightly elevated, so as to disengage the pin 6 from the opening in the plate 8, and swung around against the dash-board, as shown by dotted lines at Fig. II.

If it be desired to remove the stool and place the same upon the opposite platform, or to the platform of another car, the frame is raised upwardly and disengaged from the hanger 4 and plate 5, and attached to a similar hanger and plate carried by the other platform to which it is to be applied.

Having thus fully shown and described my invention, what I claim is:

1. A motorman's stool comprising a vertically disposed frame provided at its top and bottom rear portions with pivotal projections engaging in retaining means carried by the dash-board and car platform, the upper portion of said frame including a horizontally disposed bar of square form in cross-section at its forward end the extreme forward end thereof being shouldered on its upper side, a horizontally disposed self-locking seat provided with a square opening by which it is slidably arranged and operates with to lock upon the shouldered portion of said frame bar, and a plate car-

ried by the car platform adapted to engage a forwardly disposed portion of the frame base and secure the frame in position, said frame adapted to be swung into position
5 against the dash-board when not in use and the seat adjusted rearwardly upon the frame rod and assume a position parallel therewith, as shown and set forth.

2. In a motorman's stool, the combination
10 of a pivoted bracket including at its top a horizontally disposed integral rod having its forward portion of square form in cross-section, the extreme forward portion of said rod having its two upper sides depressed to
15 form a shoulder, and a seat slidably mounted upon the said rod portion by means of a sleeve carried by the underside thereof, the

opening in said sleeve being of square form transversely to correspond with that of the forward portion of the rod and adapted, 20 when disposed upon the depressed portion of the rod, to maintain the seat in operative position against longitudinal or lateral movement and when moved to the rear portion of said rod be caused to assume a posi- 25 tion at approximately right angles to its operative position, as shown and set forth.

In testimony whereof, I affix my signature, in presence of two witnesses.

WILLIAM E. FAWCETT.

Witnesses:

R. S. HARRISON,

ELMER G. BOWMAN.