

R. W. BURNETT.
 RUNNING BOARD SADDLE.
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1,052,566.

Patented Feb. 11, 1913.

Fig-1.

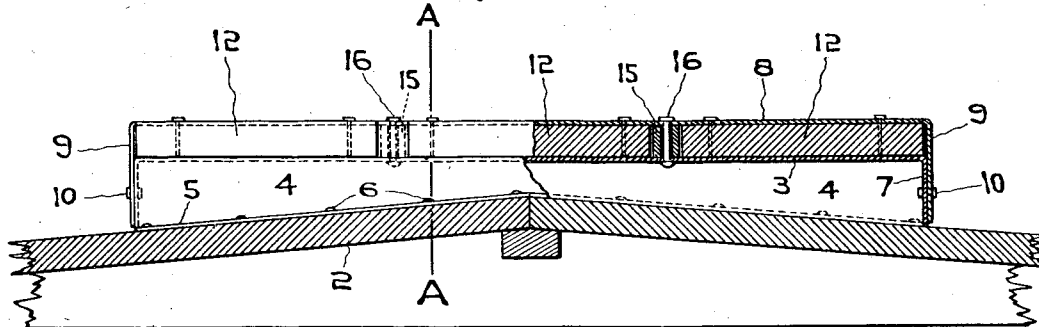


Fig-3.

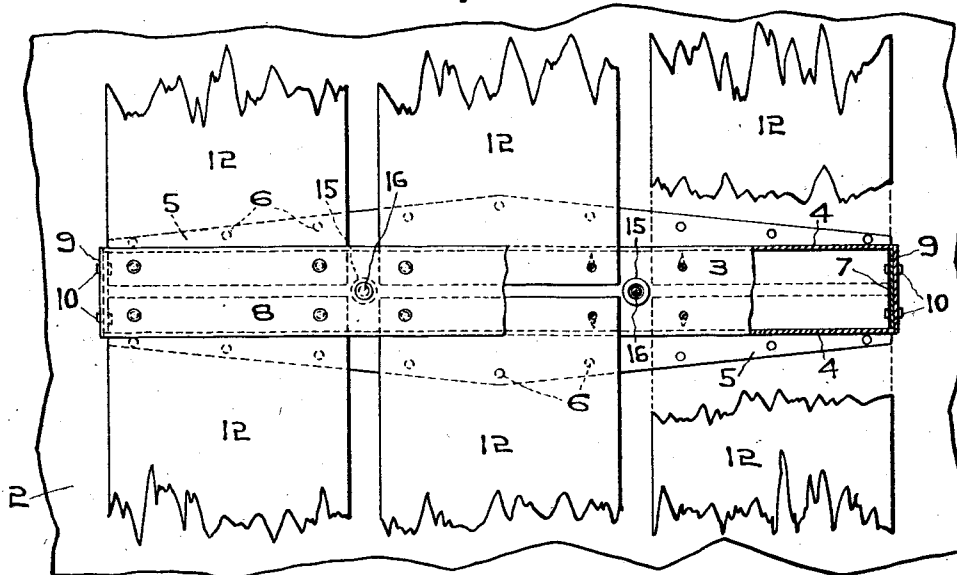
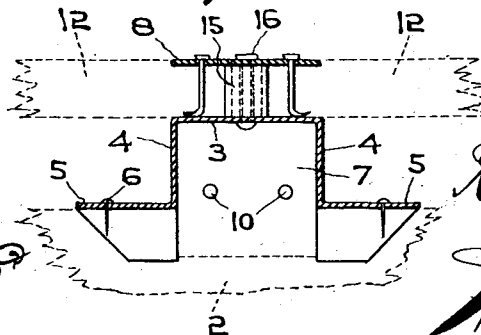


Fig-2.



Witnesses.

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RICHARD W. BURNETT, OF MONTREAL, QUEBEC, CANADA.

RUNNING-BOARD SADDLE.

1,052,566.

Specification of Letters Patent.

Patented Feb. 11, 1913.

Application filed April 14, 1911. Serial No. 621,132.

To all whom it may concern:

Be it known that I, RICHARD W. BURNETT, residing at Montreal, in the Province of Quebec, Dominion of Canada, have invented certain new and useful Improvements in Running-Board Saddles, of which the following is a specification.

My invention relates particularly to the running board for the top of freight cars and the like, and it has for its object to provide a saddle of this type which will be efficient, simple and inexpensive in construction.

The invention may be said briefly to consist of a base surmounted by a perforated strap longitudinally arranged on and secured to the base and spaced therefrom to receive the abutting ends of the running boards which are held by such strap through the medium of nails driven through the perforations and the board-ends and automatically clenched by the impact with the base. For full comprehension, however, of my invention reference must be had to the accompanying drawing forming a part of this specification, in which similar reference characters indicate the same parts, and wherein—

Figure 1 is a transverse vertical sectional view of a part of a car roof provided with a running board saddle containing my invention and shown partly in elevation and partly in longitudinal vertical sectional view; Fig. 2 is a transverse vertical sectional view of my improved saddle taken on line A A Fig. 1; and Fig. 3 is a plan view of a portion of the roof of a car with a saddle containing my invention and shown partly in plan view and partly in horizontal sectional view.

A portion of the roof of an ordinary freight car is indicated at 2.

The base of my improved saddle consists of sheet metal bent into inverted U-form in cross-section presenting a horizontal table portion 3, sides 4 conforming to the middle of the roof and having lateral flanges 5 adapted to be secured by nails or screws 6, or otherwise, to the roof, and ends 7 formed by bending down portions of the sheet metal

and soldering or otherwise securing them to the ends of the sides 4, and thereby stiffening the base. The retaining strap is also made from sheet metal, the main length 8 extending parallel to the top 3 of the base to the ends of which the bent down ends 9 of the strap are riveted as at 10, or otherwise fastened, the space thus formed accommodating the abutting ends of the running boards 12. The strap is united to the base and braced by a pair of distance thimbles 15 and a pair of rivets 16 passed through the strap, the thimbles, and the table portion of the base, and clamping these parts together; and the ends of the running boards are fastened to the strap by nails 20 driven through the perforations in the strap and through the boards and clenched by the base when driven. The strap is countersunk in the top surfaces of the running boards.

The means for fastening the abutting ends of the boards in place affords a simple and efficient contrivance, and as galvanized sheet iron is preferably used it has the necessary properties to withstand climatic ill effects besides possessing durability.

What I claim is as follows:—

1. A railway-car roof running-board saddle comprising a sheet-metal base presenting a horizontal table portion and end portions, a sheet metal strap extending from end to end of the base and having downwardly bent ends extending over the ends of the base and said strap forming with the base a through opening or chamber for receiving the abutting ends of the running boards, the said strap being distinct from the base, means permanently securing the ends of the strap to the ends of the base, means for fastening the ends of the boards to the strap.

2. A railway-car roof running-board saddle comprising a sheet-metal base presenting a horizontal table portion and end portions, a sheet metal strap extending from end to end of the base and having downwardly bent ends extending over the ends of the base and said strap being distinct from the base forming with the base a through opening or chamber for receiving the abutting ends of the running boards, means permanently se-

curing the ends of the strap to the ends of the base, means for fastening the ends of the boards to the strap; and means fixing the distance between the main length of the
5 strap and the table portion of the base, at separated points along the strap.

In testimony whereof I have signed my

name to this specification in the presence of two witnesses.

RICHARD W. BURNETT.

Witnesses:

E. R. PIRTS,

R. HUDSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."