

L. C. BASSFORD.
CAR SHEATHING.
APPLICATION FILED JULY 11, 1908.

932,367.

Patented Aug. 24, 1909.

Fig. 1.

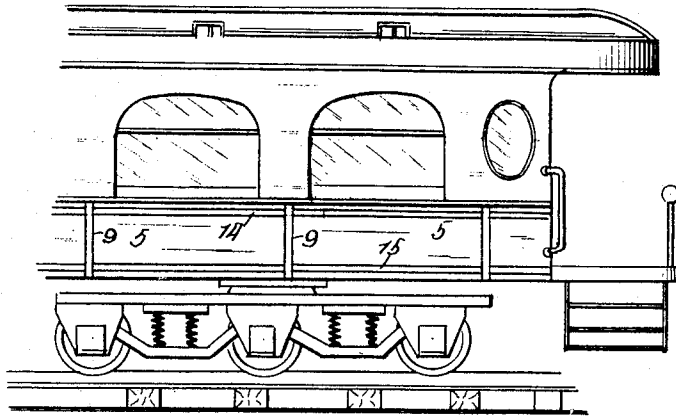


Fig. 2.

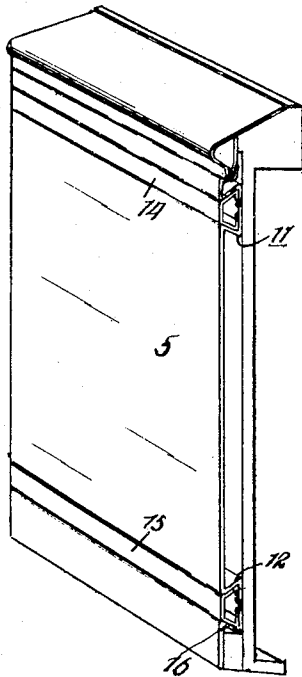


Fig. 3.

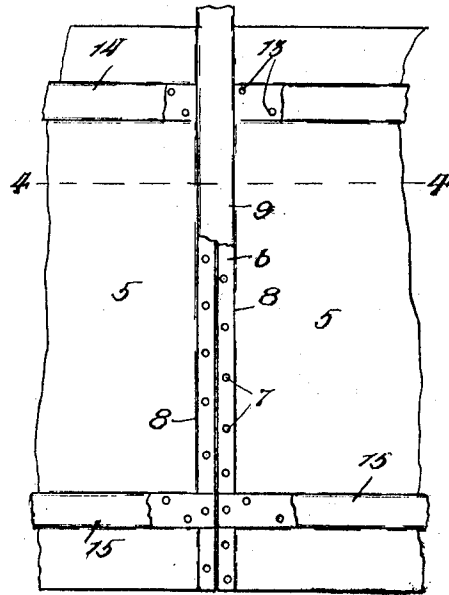
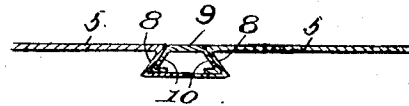


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

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CAR-SHEATHING.

932,367.

Specification of Letters Patent.

Patented Aug. 24, 1909.

Application filed July 11, 1908. Serial No. 443,175.

To all whom it may concern:

Be it known that I, LOWELL C. BASSFORD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Car-Sheathing, of which the following is a specification.

In certain styles of metallic sheathing which are at present in use, it is the practice to sheath the car with metal plates, which are riveted to the frame or side of the car in such manner as to expose the rivet heads, which method of car construction is objectionable, for the reason that the exposed rivet heads serve to collect dirt and moisture, thereby rendering it difficult to clean the car and subjecting the rivet heads to the action of the elements.

The object of the present invention is to so construct and arrange the sheathing plates that the rivet heads may be fully covered and protected by the employment of insert strips, which overlie the rivet heads and further add greatly to the appearance of the car.

The invention consists in the features of construction and combination of parts hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of the end of the car, having the sheathing of the present invention applied thereto; Fig. 2 a perspective sectional view, showing the formation of the sheathing, the belt rail and the lower finishing strip; Fig. 3 a side elevation, showing the abutting ends of the two sections of sheathing with an insert applied thereto; and Fig. 4 a sectional view, taken on line 4—4 of Fig. 3.

The car is sheathed with a plurality of metal plates 5, which are arranged along the side of the car from end to end thereof. The plates are provided with offset ends 6, which are secured to the frame of the car by means of rivets 7, and the offset ends are formed to provide overhanging shoulders 8. The overhanging shoulders of the abutting ends of two adjacent plates afford a vertical channel of dove-tailed formation, which channel has entered thereinto a vertical insert 9 having flaring sides or flanges 10 which underlie the overhanging shoulders 8, as shown in Fig. 4. The vertical inserts are driven endwise to place, and when in place serve to overlie and fully protect the vertical lines of rivet heads which secure the ends of the plates to the frame of the car. The plates are further pro-

vided with upper and lower dove-tailed channels 11 and 12, respectively, which channels have entered therethrough rivets 13, which further serve to secure the sheathing plates to the frame of the car. The upper and lower channels have entered thereinto longitudinal upper and lower insert strips 14 and 15, respectively, which strips, like the vertical inserts, are provided with flaring edges or flanges 16 which underlie the overhanging sides of the dove-tailed upper and lower channels, and serve, when inserted, to cover and protect the upper and lower lines of rivet heads.

In applying the sheathing to the car, the rivets will be inserted into the channels or spaces provided therefor, after which the longitudinal and vertical insert strips can be driven to place, covering and protecting the rivet heads and greatly adding to the finish and general appearance of the car.

What I regard as new and desire to secure by Letters Patent is:

1. In a car construction, sheathing for the side wall of the car, consisting of a plurality of plates having a width to extend from the sash rest down to the lower edge of the car, said plates being arranged end to end along the side of the car, and each plate having, near its upper and lower edges, longitudinal channels of dovetail formation, the plates being flat intermediate the channels, attaching means, as rivets, entered through the floor of each of said channels, and upper and lower longitudinally extending narrow inserts having flaring sides adapted to underlie the overhanging walls of the dovetail channels, and serving to cover and protect the attaching means and improve the finish of the car, substantially as described.

2. In a car construction, sheathing for the side wall of the car, consisting of a plurality of plates having a width to extend from the sash rest down to the lower edge of the car, said plates being arranged end to end along the side of the car, and each plate having, near its upper and lower edges, longitudinal channels of dovetail formation, the plates being flat intermediate the channels, attaching means, as rivets, entered through the floor of each of said channels, and upper and lower longitudinally extending narrow inserts having flaring sides adapted to underlie the overhanging walls of the dovetail channels, and serving to cover and protect the attaching means and improve the finish of

the car, and each of the plates being offset at its end to afford an overhanging shoulder, the shoulders of abutting plates affording a relatively narrow vertical channel extending
5 from top to bottom of the plates, attaching means, as rivets, entered through the offset ends of the plates, and narrow vertical in-

serts having flaring sides adapted to underlie the overhanging shoulders of said dovetail channels, substantially as described.

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Witnesses:

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