No. 747,810. PATENTED DEC. 22, 1903.

J. VOLLMAN.

VEHICLE BODY.

APPLICATION FILED FEB. 24, 1903.

NO MODEL.

Fig. 1.

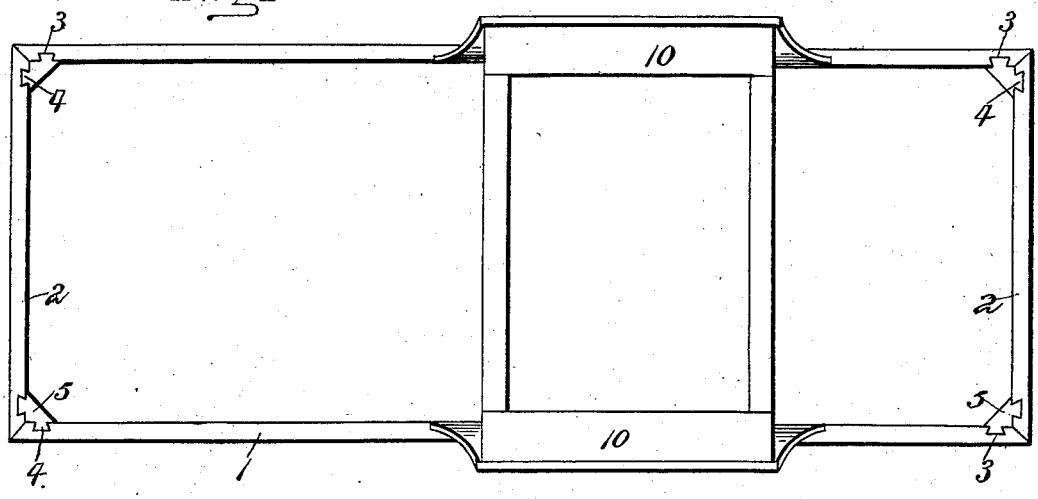


Fig. 2.

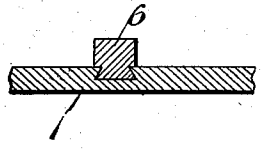


Fig. 3.

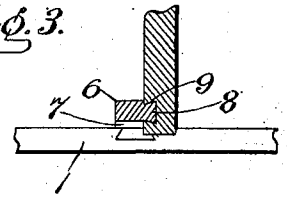
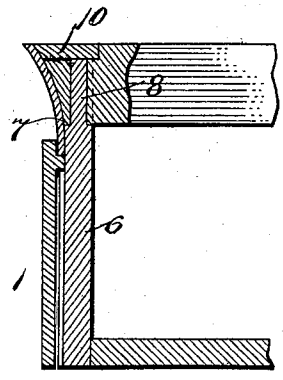


Fig. 4.



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No. 747,810. Patented December 22, 1903.

UNITED STATES PATENT OFFICE.

JOHN VOLLMAN, OF OWENSBORO, KENTUCKY, ASSIGNOR OF ONE-HALF TO THE VOLLMAN BUGGY BODY COMPANY, OF OWENSBORO, KENTUCKY.

VEHICLE-BODY.

SPECIFICATION forming part of Letters Patent No. 747,810, dated December 22, 1903.

Application filed February 24, 1903. Serial No. 144,810. (No model.)

To all whom it may concern:

Be it known that I, JOHN VOLLMAN, a citizen of the United States, residing at Owensboro, in the county of Daviess and State of Kentucky, have invented certain new and useful Improvements in Vehicle-Bodies; 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.

The invention relates to the manufacture of vehicle-bodies, and has for its object to provide simple, durable, and inexpensive means for securely connecting the sides to the ends of the body and the seat-frame to the sides of the body, whereby the use of nails, screws, and like fastening means is dispensed with, thus overcoming the objectionable features incident to their use—namely, the breaking of paint around the nails or screws, and thus detracting from the appearance of the vehicle.

With these and other objects in view the invention consists in certain features of construction, combination, and arrangement of parts, which will be hereinafter fully set forth.

In the accompanying drawings, Figure 1 is a top plan view of my improved vehicle-body, illustrating the manner of connecting the sides to the ends. Fig. 2 is a fragmental sectional view through one of the sides of the body, illustrating the dovetailed connection of one of the seat-posts with said side. Fig. 3 is a transverse sectional view through the upper end of one of the seat-posts, illustrating the manner of connecting one of the cross-pieces of the seat-support to said post; and Fig. 4 is a vertical sectional view through one of the longitudinal side pieces of the seat-support, the cross-pieces of the seat-support, and the seat-post.

In the drawings, 1 denotes the side pieces, and 2 the end pieces, of a vehicle-body, each of which at its crossing is provided with a vertical dovetailed groove 3 to receive dovetailed ribs 4, disposed at right angles to each other on corner-posts 5, whereby the ends of the end pieces and side pieces are securely connected together. The side pieces are formed with vertically-disposed dovetailed grooves intermediate their ends to receive seat-frame-supporting posts 6, which have their upper ends formed with shoulders 7 and with dovetailed edges 8. The dovetailed edges 8 are adapted to fit similar grooves 9, formed in the cross-pieces, which seat upon the shoulders 7, whereby they are held from slipping downwardly. The cross-pieces are mortised on their upper edges at their ends to receive mortised longitudinal strips 10, which are screwed or otherwise secured in place. A vehicle-body thus constructed is strong, durable, and may be manufactured at a greatly reduced cost and will overcome the objectionable features incident to the construction with the use of screws, nails, and like fastening means heretofore generally employed.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of the invention will be readily apparent, it is thought, without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of my invention.

Having thus described the invention, what I claim as new, and desire to protect by caveat, is—

A vehicle-body having sides provided with vertical dovetailed grooves intermediate their ends, a seat-supporting frame comprising cross-pieces having transverse mortises in their upper end edges, and vertical dovetailed grooves, supporting-posts having dovetailed sides fitting in the grooves of and strengthening the sides of the body, the upper portions of said posts extending above the sides of the body and being provided

with dovetailed faces fitting in the grooves of the cross-pieces, and shoulders bearing under and sustaining said cross-pieces, and longitudinal strips fitted in the said transverse mortises in the upper end edges of the cross-pieces and covering the upper ends of the dovetailed portions of the posts, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN VOLLMAN.

Witnesses:
JAS. H. PARRISH,
I. N. PARRISH.