L. EMERSON.

Corner-Iron for Carriage-Seats.

No. 208,971. Patented Oct. 15, 1878.

Fig. 1.

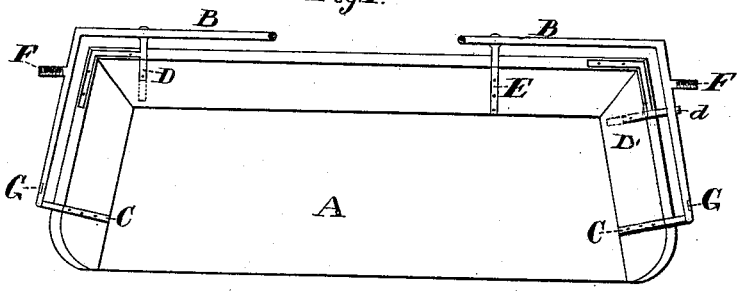
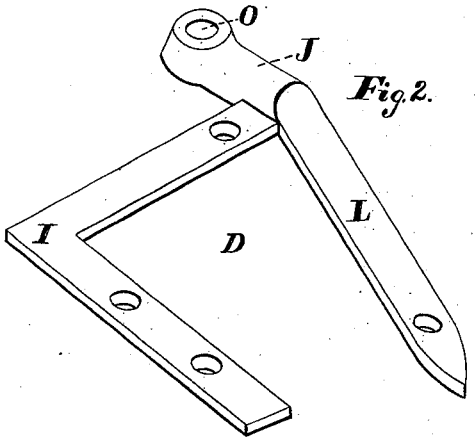


Fig. 2.



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UNITED STATES PATENT OFFICE.

LOWE EMERSON, OF COLLEGE HILL, OHIO.

IMPROVEMENT IN CORNER-IRONS FOR CARRIAGE-SEATS.

Specification forming part of Letters Patent No. **208,971**, dated October 15, 1878; application filed March 26, 1878.

To all whom it may concern:

Be it known that I, LOWE EMERSON, a resident of College Hill, county of Hamilton, and State of Ohio, have invented certain new and useful Improvements in Combined Corner-Iron and Shifting-Rail Support, of which the following is a specification:

My invention consists in a new article of manufacture—to wit, a support for the shifting-rail of a vehicle and a corner-iron for strengthening the junction of the back and side of the seat, said support and corner-iron being formed in one piece, and in a new and useful manner, and preferably so that two out of the six supports ordinarily employed to uphold the shifting-rail are dispensed with.

In the accompanying drawings, forming part of this specification, Figure 1 represents a top view of a carriage-seat provided on the left-hand side with my invention, and on the right-hand side with a modification thereof. Fig. 2 is an isometrical view of my corner-iron and shifting-rail support, intended for the left-hand end of a carriage-seat.

A represents the carriage-seat; B, the shifting-rail; C, the front supports of the latter; D D′, my improved support; E, the rear support of the shifting-rail; F, the projection to which the external jointed brace of the top is attached, and G the projection to which the finger-irons are attached.

The support D consists of angle-iron I, to one end of which is cast the horizontal projection J. At the point of union of angle-iron I and projection J the foot L extends obliquely downward and inward, so as to fit the flaring back of the seat. The external end of the projection J is provided with an enlargement, through which the hole O passes.

The iron I may have two arms meeting at an angle, as shown, or may be a curved piece of metal shaped to fit a round corner.

When desired, the supports D′ and E may be used instead of the support D. In this case the support D′ may be provided with a hole, as O, through which a downwardly-projecting piece from the shifting-rail passes and is bolted on the other side, or it may be provided with an upwardly-turned flange, *d*, on the end, as indicated in Fig. 1, right-hand side. The foot L may be made of any desired length, as shown in Fig. 1. The angle-iron I, besides strengthening the corner of the seat, assists the foot L in holding the projection J firmly in position.

What I claim as new, and desire to secure by Letters Patent, is—

1. A corner-iron having a foot, L, and projection J, substantially as specified.

2. A corner-iron having a foot, L, and projection J, the latter being provided with a flange, *d*, substantially as specified.

LOWE EMERSON.

Attest:

RICHARD T. DUNELL,
C. W. COWAN.