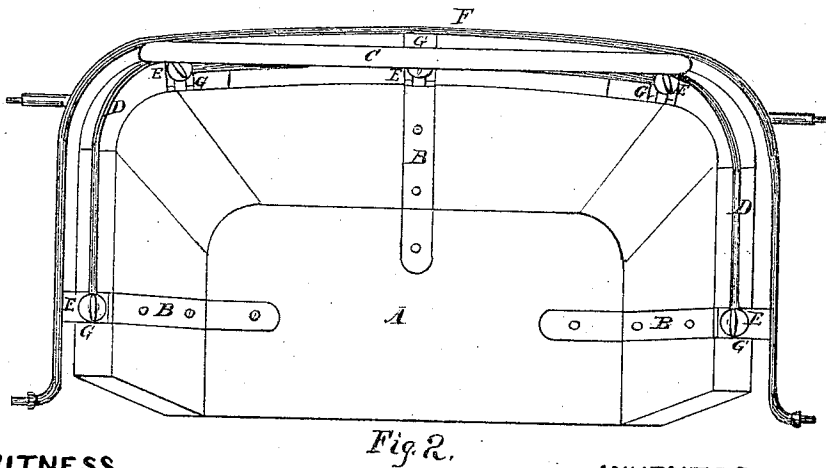
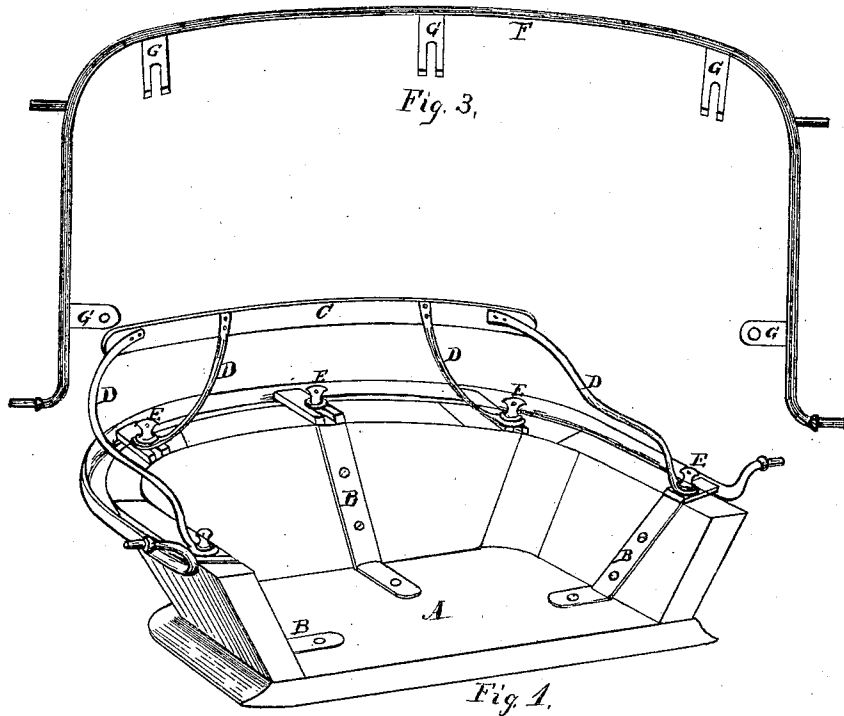


J. H. HARTER.

Improvement in Shifting-Top Rail for Buggies.

No. 128,305.

Patented June 25, 1872.



WITNESS

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UNITED STATES PATENT OFFICE.

JOHN H. HARTER, OF NEVADA, OHIO.

IMPROVEMENT IN SHIFTING TOP-RAILS FOR BUGGIES.

Specification forming part of Letters Patent No. 128,305, dated June 25, 1872.

Specification describing an Improvement in Shifting Top-Rails for Buggies, invented by JOHN H. HARTER, of Nevada, in the county of Wyandot and State of Ohio.

This invention relates to a rail to which the calash-top of buggies is attached, which is very readily removed or adjusted, and which, when the top is removed, leaves the raised back rail of the seat in its place, whereby the comfort and convenience of the buggy-seat remains the same whether the top is on or off.

In the drawing, Figure 1 is a perspective view of a buggy-seat embodying my improvement. Fig. 2 is a plan view of the same. Fig. 3 is a detached view of the said top-rail.

A represents a buggy-seat constructed in the usual form, having brace-irons B B B for strengthening it. C is a raised back-rail supported by irons D D, which are secured to the top edge of the seat by screws E E. F is my improved calash-top rail. This I make to fit around the back and ends of the top edge of the seat. The ends of said rail F are bent outward and arranged to receive the bows of the calash-top. The said rail F is also provided with arms G G, which lie on the top edge of the seat, and holes or slots in them for the purpose of securing it to the seat, the said screws E E serving to hold it as well as the raised

back C. The rail F has attached to it and supports the calash-top.

When it is desired to remove or shift a calash-top having my improved shifting-rail, the screws E E are loosened, when the arms G G, having slots in them, allow the top to be removed by slipping it backward sufficient to release the said arms from the screws, the raised back C remaining in place, and the screws again screwed down.

This makes a very easily managed and convenient shifting top-rail for buggies. I am aware that shifting top-rails have been employed before, but none have been so constructed as to leave the raised back-rail on the seat, but which has been removed with the calash-top, leaving an unfinished, dangerous job, and projecting irons, making the seat uncomfortable.

Having thus fully described my invention, I claim—

The shifting top-rail F and arms G G, in combination with raised back-rail C, and the buggy-seat A, when constructed of wood or metal, substantially as shown and described, for the purpose set forth.

Witnesses: JOHN H. HARTER.

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