E. H. HARRIS.

Carriage-Seat.

No. 26,032. Patented Nov. 8, 1859.

Fig. 1.

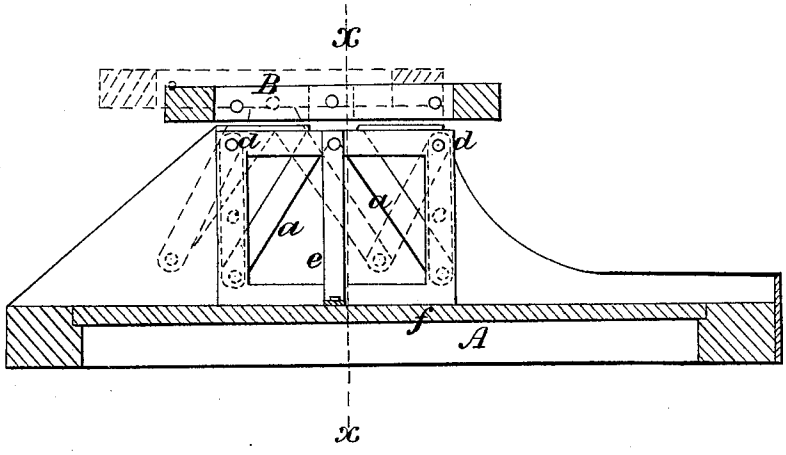
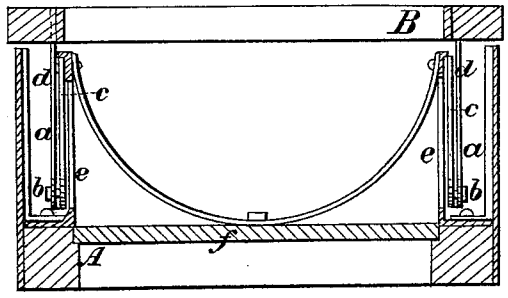


Fig. 2.



Witnesses:

Ben. L. Ware

Thos Jennings

Inventor:

E. H. Harris

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

E. H. HARRIS, OF PALMETTO, GEORGIA.

CARRIAGE-SEAT.

Specification of Letters Patent No. 26,032, dated November 8, 1859.

To all whom it may concern:

Be it known that I, E. H. HARRIS, of Palmetto, in the county of Campbell and State of Georgia, have invented a new and Improved Mode of Connecting or Attaching Seats to Buggies, Wagons, and other Vehicles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side sectional view of the body and seat of a light pleasure wagon, the seat being attached to the body according to my invention. Fig. 2 is a transverse vertical section of ditto, taken in the line *x*, *x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

The object of this invention is to attach the seat of a vehicle to its body in such a manner as to allow the seat a certain degree of play or movement independent of the body so that in case the vehicle is suddenly stopped or started the seat will yield or give and prevent the occupants from being thrown therefrom.

To enable those skilled in the art to fully understand and construct my invention I will proceed to describe it.

A, represents the body of a light wagon and B, is its seat. This seat may be constructed of the usual form and to the under side of the seat near each end two inclined pendent bars *a*, *a*, are attached, said bars forming an inverted V, and having their lower ends at each side secured by pivots *b*, to swinging rods *c*, the upper ends of which are connected by pivots *d*, to upright frames *e*, *e*, within the body A, the lower parts of the frames *e*, being firmly secured to the bottom *f*, of the body. The bars *a*, *a*, and rods *c*, *c*, as well as the frames *e*, are of metal at least that would be the preferable material. The seat and body may be of wood as usual.

From the above description it will be seen that the seat B, will be allowed to swing back and forth in the arc of a circle. The seat however will remain stationary by its own gravity together with that of its occupants, when the vehicle is moving steadily along, the rods *c*, being in a vertical position and the seat at the lowest point in the path of its movement, as shown in black Fig. 1. In case however the vehicle is suddenly stopped or its speed arrested, the seat will be thrown forward and its occupants will remain thereon, the movement of the seat preventing the occupants from being thrown therefrom. In case the vehicle is suddenly started the seat will not have the sudden movement imparted to it but will yield gently and thereby enable its occupants to remain thereon.

This invention and improvement will not add materially to the cost of a pleasure vehicle while it will render the same more durable and add greatly to the ease and pleasure of riding.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is—

Attaching the seat B, to the body A, of the vehicle by means of the bars *a*, and rods *c*, or their equivalents so as to permit of a certain degree of play of the seat or movement thereof independent of the body A, for the purpose specified.

E. H. HARRIS.

Witnesses:

BEN F. L. WARE,

THOS. JENNINGS.