JOHN RICHERT.

Improvement in Seats for Vehicles.

No. 126,832. Patented May 14, 1872.

Fig. 1.

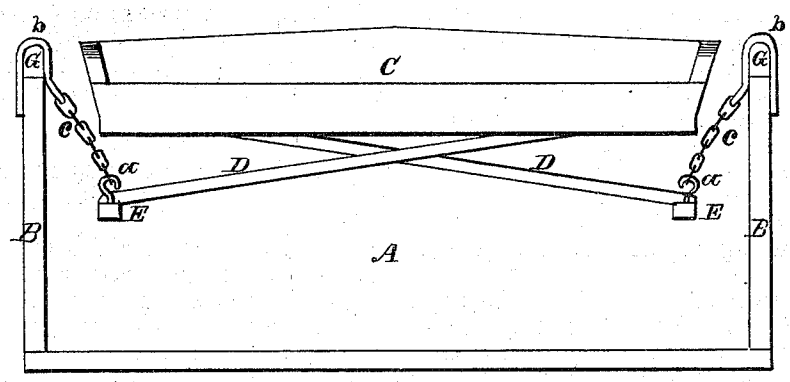
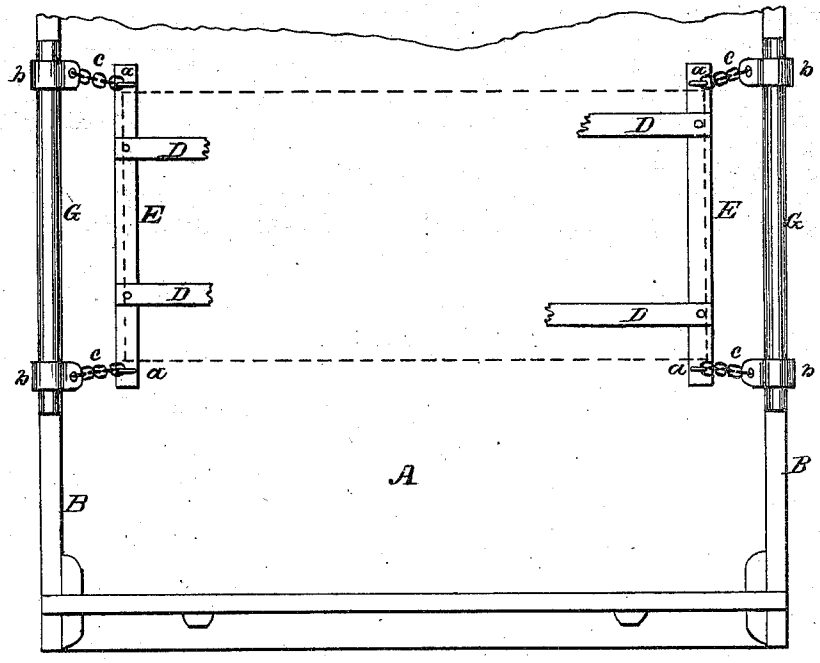


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN RICHERT, OF MADISON, INDIANA.

IMPROVEMENT IN SEATS FOR VEHICLES.

Specification forming part of Letters Patent No. 126,832, dated May 14, 1872.

Specification describing certain Improvements in Suspending Spring-Seats of Vehicles, invented by JOHN RICHERT, of Madison, in the county of Jefferson and State of Indiana.

This invention consists in suspending a spring-seat of a vehicle, by means of chains, from the side of the bed; and the important feature consists in attaching the chains to the seat at the four corners of the same, by engaging the links of the chains with hooks in the bars connecting the ends of the spring-bars.

By this arrangement the seat may be suspended at different heights to suit the convenience of the rider. The chains depend from metallic saddles, which embrace a sliding piece, to which they are secured, and the side of the bed, thus allowing the seat to be located at any point in the length of the bed desired.

In the drawing, Figure 1 is a front elevation, with the bed in section. Fig. 2 is a plan with the seat removed but outlined in dots.

A is the bed, of which B B are the sides. C is the seat, and D D the spring-bars. E E are cross-bars, connecting the spring-bars at the ends, and provided with hooks *a a*, as shown. G G are sliding pieces, which rest on the upper edges of the wagon sides, and are kept in place by means of metallic saddle-pieces *b b*, but are free to be slipped back and forth along the sides of the bed. From the saddles *b b* depend chains *c c*, and to these the seat is hung by hooking on the chains at *a a*.

It will be understood, without further description, how the seat may be suspended at any desired height within the prescribed limits.

Although I do not claim any part of the seat proper, nor the manner of providing it with springs, I claim that suspending this form of seat in this manner gives the springs the proper longitudinal play necessary to obtain their full elasticity, which could not otherwise be secured.

Having thus described my invention, what I claim as new is—

The device herein shown for suspending a spring-seat, consisting of the sliding pieces G G, saddles *b b*, chains *c c*, and hooks *a a*, when arranged to operate together in the manner herein shown, and for the purposes specified.

JOHN RICHERT.

Attest:

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