No. 691,842. Patented Jan. 28, 1902.

J. B. CONNOR.

VEHICLE SEAT.

(Application filed July 11, 1901.)

(No Model.)

FIG. 1.

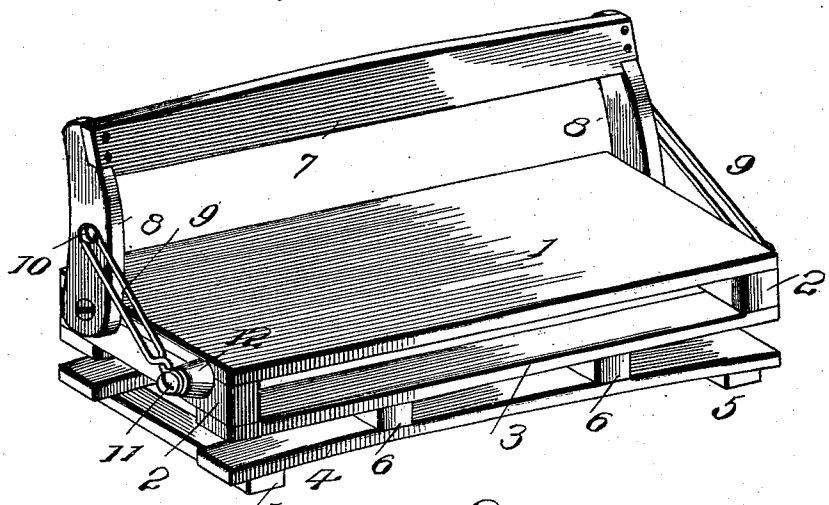


FIG. 2.

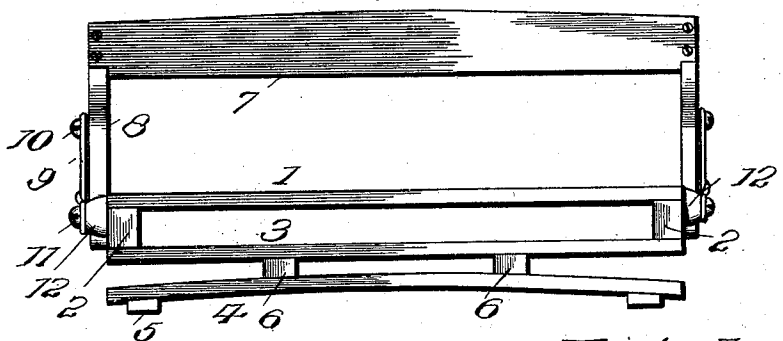


FIG. 3.

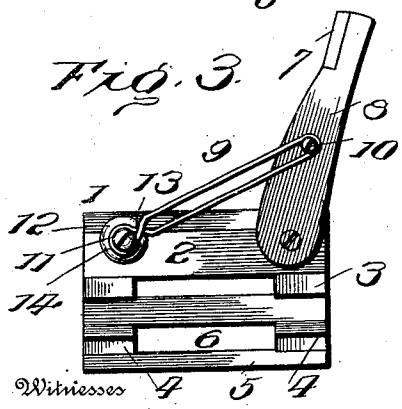
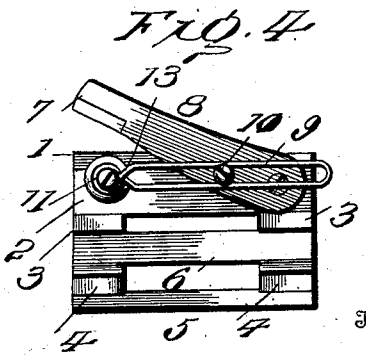


FIG. 4.



Witnesses

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VEHICLE-SEAT.

SPECIFICATION forming part of Letters Patent No. 691,842, dated January 28, 1902.

Application filed July 11, 1901. Serial No. 67,866. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. CONNOR, a citizen of the United States, residing at Boyce, in the county of Wayne and State of Mississippi, have invented certain new and useful Improvements in Vehicle-Seats; and I do hereby 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.

This invention aims to provide a vehicle-seat of novel formation and combining in its structure a spring-support and a folding back, the spring-support being of such construction as to provide means admitting of the application of the seat to a side of the wagon-body when not required for immediate use, so as to be out of the way and admit of the ready loading or unloading of the wagon as required.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a vehicle-seat embodying the invention. Fig. 2 is a front view. Fig. 3 is an end view, the back being in position for use. Fig. 4 is a view similar to Fig. 3, showing the back folded.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The seat 1 is provided at its ends with cleats 2, to which the ends of slats or flexible strips 3 are firmly attached. The cleats 2 are attached to the bottom side of the seat and the slats or strips 3 form spring-supporting elements wholly disconnected from the seat at points between the cleats 2. Other slats or spring-bars 4 are connected near their ends by cleats 5, which also serve to fix the position of the seat when in place by coming in contact with the inner faces of the sides of the vehicle-body. The slats or spring-bars 4 are curved or bowed toward the seat intermediate of their ends and are spaced from the slats or strips 3 by bars 6. The spacing-bars 6 are arranged an equal distance from a point midway the ends of the slats, thereby bringing the pressure nearer the ends of the slats 3, which is of material advantage, especially when one end only of the seat is occupied or when the end portions of the seat are unequally loaded. The parts 3 and 4 constitute coöperating spring elements of the spring-support for the seat. The spaces between the end portions of the slats or strips 3 and 4 may be utilized to receive a side of the vehicle-body to hold the seat in an upright position when not required for immediate service and it is desired to hold the same out of the way. These parts 3 and 4 are preferably of wood, although metal or any material may be utilized in their formation.

The back consists of a bar 7 and arms or side pieces 8, pivoted at their lower ends to the rear portion of the seat and having the bar 7 firmly connected to their upper ends. Braces 9 hold the back open or in position for use and are pivotally connected at their ends to the arms 8 and front portion of the seat 1. Headed fastenings 10 are secured to the arms 8 at a point midway of their ends and project outwardly and laterally therefrom, and other headed fastenings 11 are secured to the ends of the seat 1 near its front edge. Washers or spacing-sleeves 12 are fitted to the headed fastenings 11, and the front ends of the braces 9 are confined between said washers and the heads of the fastenings 11. These washers or spacing-sleeves 12 serve to hold the front ends of the braces 9 a distance from the ends of the seat to admit of the folding of the arms or side pieces 8 against the ends of the seat when the back is closed. The braces 9 are preferably formed of stout wire doubled upon itself so as to provide parallel-spaced members, between which the portion of the headed fastening 10 adjacent its head is adapted to run, this being essential to admit of the opening and folding of the back. The ends of the wire are brought together and twisted, as shown at 13, and the portion adjacent the twist is formed into an eye 14 to receive the

part of the fastening 11 adjacent its head. The braces 9 limit the opening or folding of the back and maintain it in operative position. When the back is folded, the seat occupies a minimum amount of space and it and the braces are entirely out of the way and fold close against the seat.

Having thus described the invention, what is claimed as new is—

1. In combination with a seat and a back having arms pivoted to the seat and adapted when folded to embrace the ends of the seat, slotted braces spaced from the ends of the seat and having the arms of the back arranged to come between them and the ends of the seat when the said back is folded, fastenings connecting opposite ends of the braces with, respectively, the arms and seat, and spacing-pieces slipped upon the fastenings applied to the seat, substantially as set forth.

2. In combination with a seat and a folding back, headed fastenings applied to the seat and arms or side pieces of the back, and braces, each consisting of a single length of wire doubled upon itself to form spaced portions which are twisted near one end to form an eye in which is fitted the headed fastening applied to the seat, the headed fastening applied to the back operating in the space formed between the folded parts of the wire, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES B. CONNOR. [L. S.]

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