

F. G. PARKER.
 AUTOMOBILE SEAT.
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1,146,347.

Patented July 13, 1915.

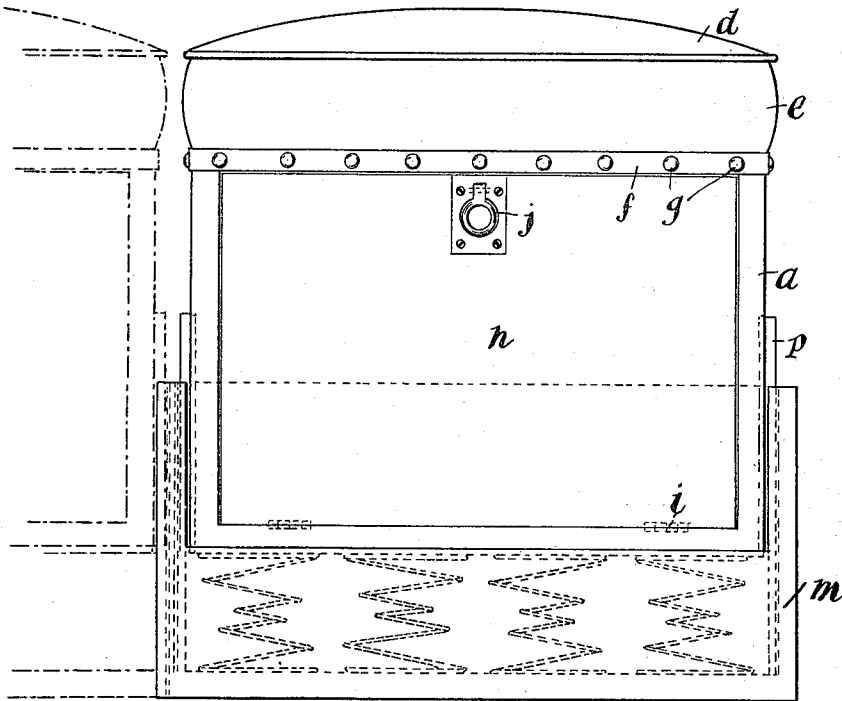


Fig. 1.

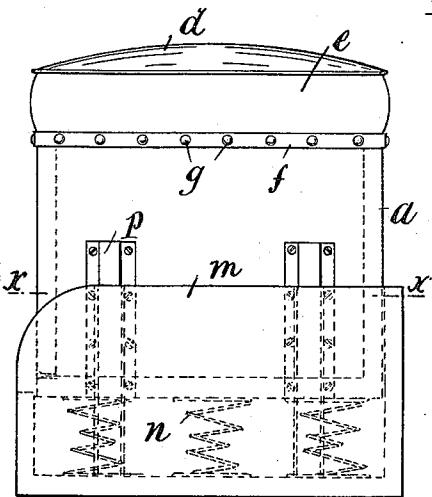


Fig. 2.

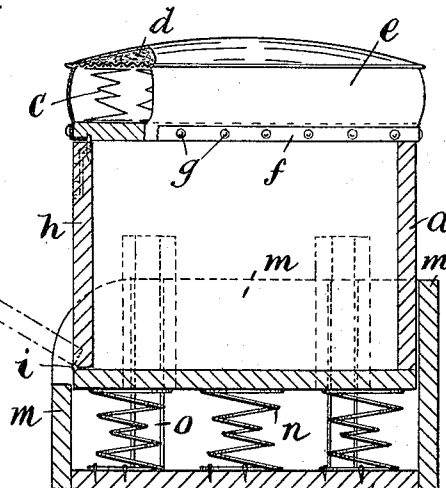


Fig. 3.

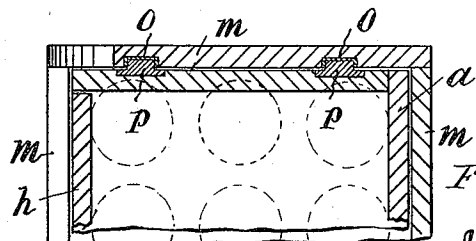


Fig. 4.

WITNESSES
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AUTOMOBILE-SEAT.

1,146,347.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRED G. PARKER, a citizen of the United States, residing at Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Automobile-Seats, of which the following is a specification.

The object of this invention is to provide a cushioned seat for automobiles and other conveyances which shall not only afford greater comfort to the rider than seats ordinarily used but which shall include a roomy and readily accessible cabinet for tools and other articles.

To this end my invention consists in an upper seat-forming hollow cabinet member closed at the top and bottom and having an opening in one side thereof and outwardly opening means for closing said opening, a supporting member for the cabinet member having upstanding means to confine the cabinet member to vertical movement, and elastic means, such as springs arranged between the supporting and cabinet members, the aforesaid upstanding means including a vertical wall which extends upwardly to approximately the bottom of the cabinet member but short of the bottom of said closing means, thus to close at the front and conceal the space between the bottom of the cabinet member and the supporting member, while permitting the closing means to be moved without obstruction.

In the accompanying drawings, Figure 1 is a front elevation of the improved seat, the dotted lines at the left indicating another such seat beside it; Figs. 2 and 3 are a side elevation and a vertical sectional view of the seat on a somewhat smaller scale; and, Fig. 4 is a horizontal fragmentary sectional view on substantially the line $x-x$ in Fig. 2.

The cabinet member a consists of a rectangular box closed at the bottom, top, two sides and back, but open at the front, preferably for the full extent thereof. An upholstered seat-proper surmounts the box a and may include the spiral springs c resting on the top of the box, the padded member d and a leather or other flexible cover e having its edges secured to the box by the binding tape f and tacks g . h is a door or leaf to close the opening at the front side of the box, the same being preferably hinged,

as at i , at its lower edge and provided with some suitable form of latch j to keep it closed.

The supporting member includes a horizontal plate l and four rectangularly arranged vertical walls m rigidly secured to and upstanding from the support and forming therewith an upwardly open rectangular case in which the cabinet member, when introduced therinto, fits rather snugly, so that the cabinet member is confined against any appreciable lateral or tilting movement. n designates a system of spiral springs arranged in the case thus formed and seated upon and preferably secured to the plate l . When the cabinet member has been assembled with the case the upper ends of said springs may or may not be secured to the bottom of the cabinet member as desired. When the seat is unoccupied the springs n support the cabinet member at about the elevation shown in Fig. 3; the front wall m of the case or supporting member is therefore cut away, as shown in Fig. 2, down to such a level as to expose the whole of the opening at the front of the cabinet member.

In order to prevent any possibility of the cabinet member binding in the case or supporting member in its up and down movements I provide the vertical metallic guiding means shown in the drawings, these being preferably placed at the sides of the structure, because, when so located, they best resist the more common tendency of the cabinet member to tilt forward and backward rather than sidewise. Said guiding means includes the vertical grooved members o and the vertical ribbed members p fitted into each other and preferably countersunk in the adjoining vertical surfaces of the cabinet member and supporting member.

The improved structure has been so designed that it may be applied to an automobile or the like by simply placing it on the floor of the vehicle where the usual seat is situated and suitably securing it in place.

The four walls m of the case not only serve to confine the cabinet member against appreciable lateral movement in any direction but with the plate l and the cabinet member act to confine a body of air which coöperates with the springs to cushion the cabinet member and in that way increase the cushioning effect of the entire structure.

In any event, the front wall *m* serves to close at the front and hide the space between the bottom of the cabinet member and the plate *l* while, being cut away as explained, it allows the door *h* to open without obstruction.

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

- 10 1. In combination, with a rectangular seat-forming cabinet member closed at the top and bottom and three sides and having outwardly opening means for closing the opening at the fourth side, a rectangular
15 upwardly open case receiving the cabinet member and confining the same to vertical movement and including four vertical walls, and a system of springs arranged in the case and supporting the cabinet member, the
20 vertical wall of the case which adjoins said closing means of the cabinet being cut away lower than the other vertical walls of the case and down to approximately the hori-

zontal plane at the bottom of said closing means.

2. In combination, with a hollow seat-forming cabinet member having an opening in one side thereof and outwardly opening means for closing said opening, a supporting member for the cabinet member having
25 upstanding means, including a vertical wall, to confine the cabinet member to vertical movement, and elastic means arranged between the supporting and cabinet members, said vertical wall adjoining said side of the
30 cabinet member and extending upwardly to approximately the bottom of the cabinet member but short of the bottom of its closing means.

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

FRED G. PARKER.

Witnesses:

JOHN W. STEWARD,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."