

No. 861,983.

PATENTED JULY 30, 1907.

M. HOAGLAND.
VEHICLE SEAT BRACE.
APPLICATION FILED JUNE 9, 1906.

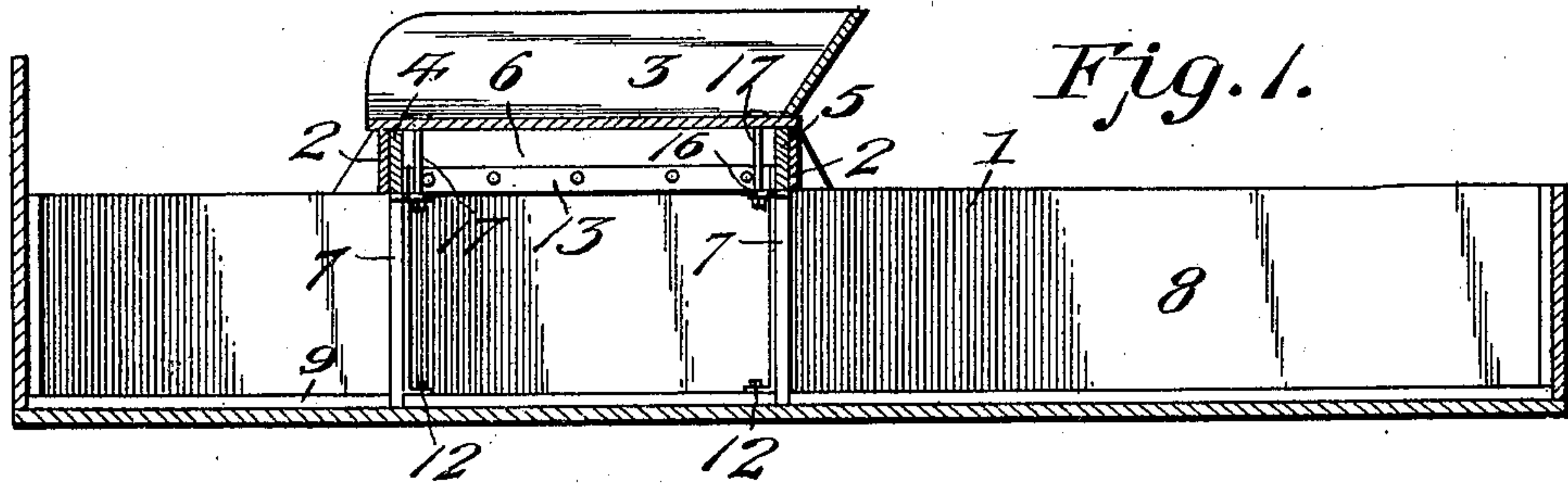


Fig. 2.

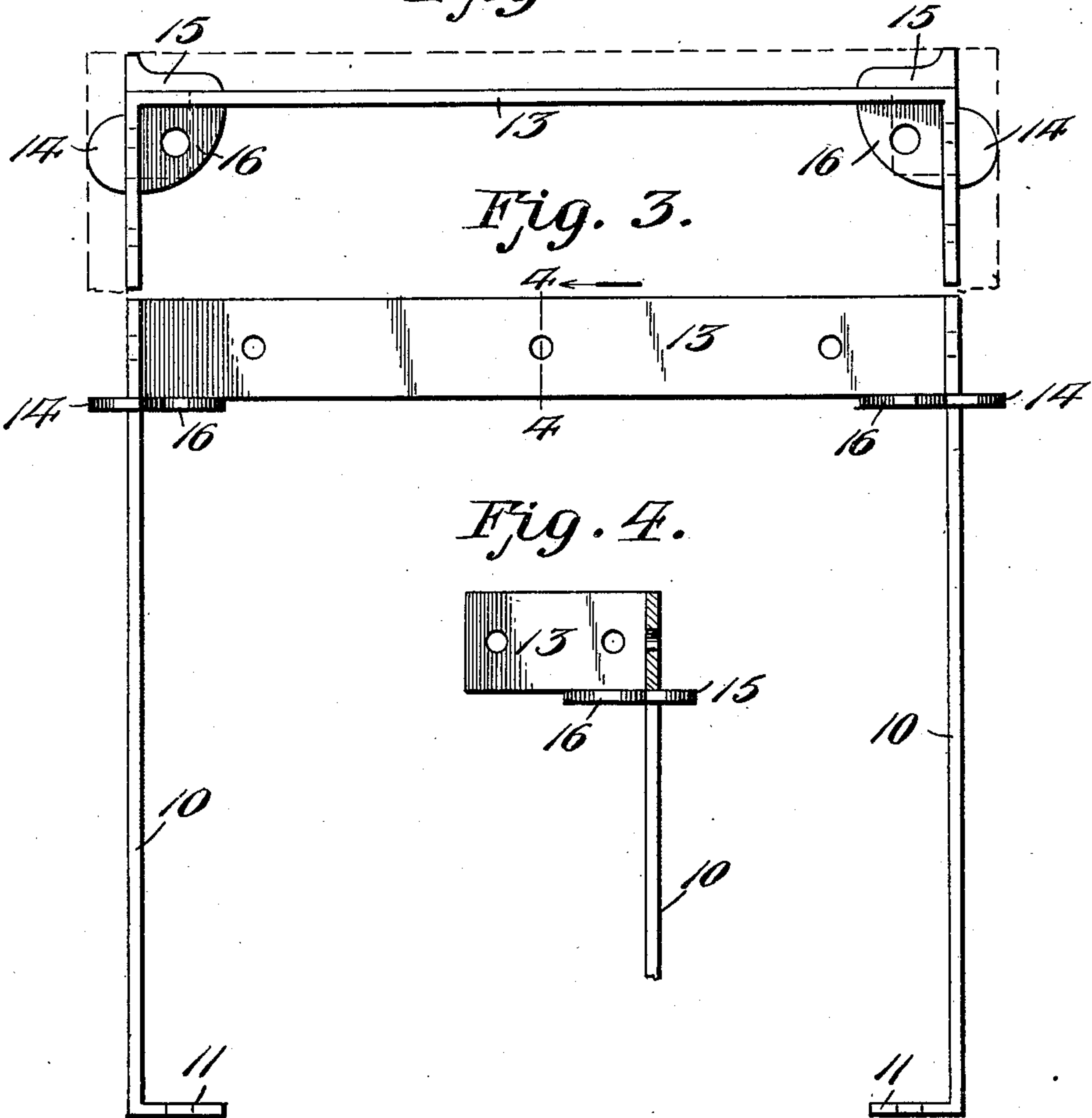
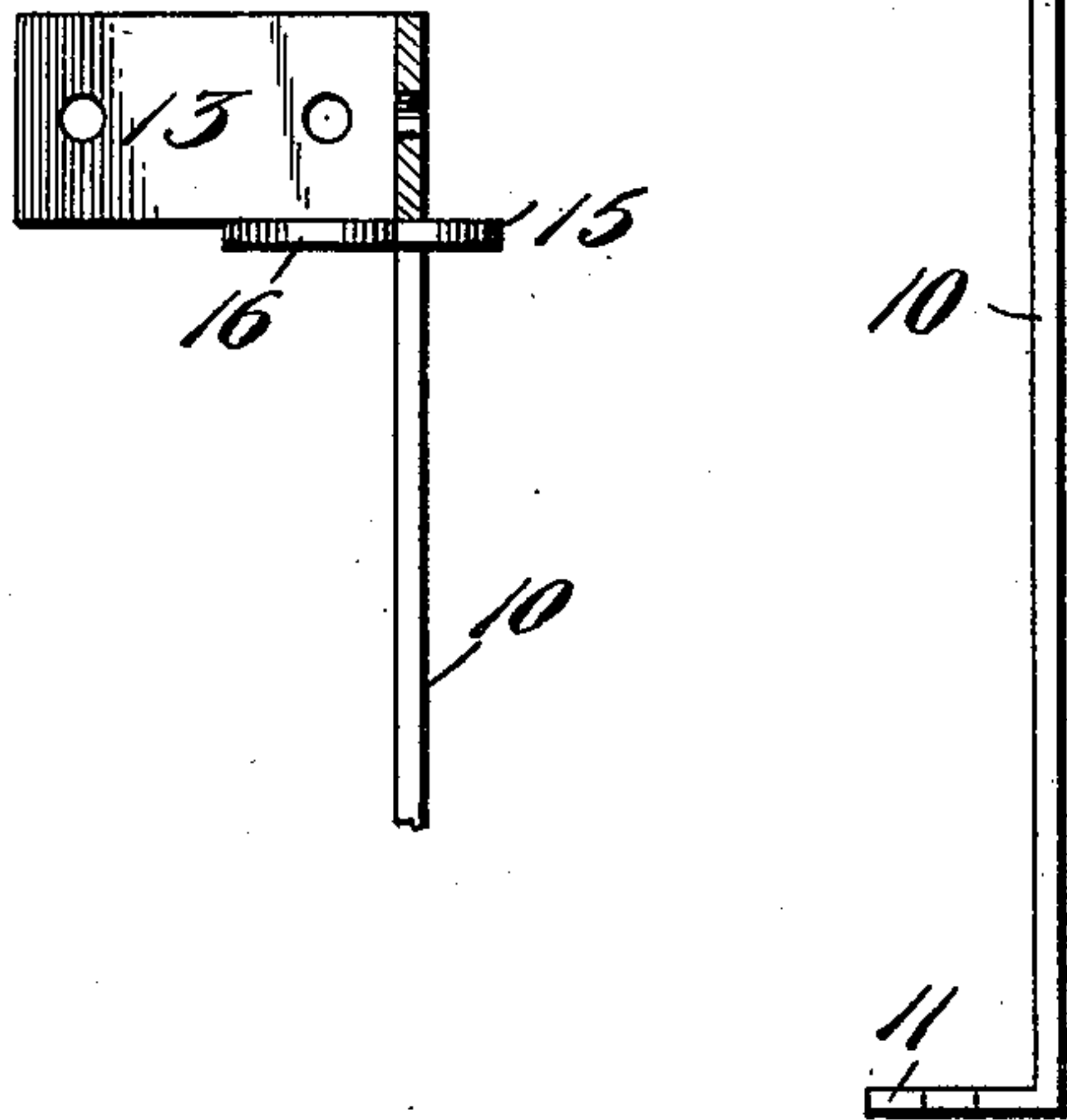


Fig. 4.



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VEHICLE-SEAT BRACE.

No. 861,983.

Specification of Letters Patent.

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Application filed June 9, 1906. Serial No. 321,015.

To all whom it may concern:

Be it known that I, MONROE HOAGLAND, a citizen of the United States of America, residing at Paducah, in the county of McCracken and State of Kentucky, have
5 invented new and useful Improvements in Vehicle-Seat Braces, of which the following is a specification.

This invention relates to buggy braces, and contemplates the provision of simple and effective bracing
10 irons for rigidly tying or uniting the seat and seat support to the bed or body of a buggy in such a manner as to prevent the parts from spreading or becoming disconnected under strain, whereby spreading of the sides of the body or casual detachment of the seat will be avoided and the strength and durability of the vehicle
15 body increased.

In the accompanying drawings,—Figure 1 is a longitudinal section through a vehicle body equipped with the invention. Fig. 2 is a top plan view of one of the
20 braces, showing a portion of the seat supporting frame in dotted lines. Fig. 3 is a front or inner elevational view of the brace. Fig. 4 is a vertical cross section thereof on line 4—4 of Fig. 3.

Referring to the drawings, the numeral 1 designates the box or body of the buggy, 2 the seat supporting frame
25 and 3 the seat, which are constructed in the usual or any preferred manner. As ordinarily constructed the seat support forms the body of a curtain box and comprises front and rear cross pieces 4 and 5, side pieces 6 and corner standards 7, providing a rectangular frame from
30 which the standards 7 depend and are fastened to the sides 8 and sills 9 of the body, over which frame the seat fits and to which it is screwed or otherwise suitably fastened.

It is found in practice that the ordinary mode of
35 mounting the parts above described is weak and insecure, as under the pressures and strains to which the vehicle body is subjected the sides are liable to spread and to become loosened or unfastened at the corners and the seat to be detached from the supporting frame,
40 a source of danger to the occupants of the vehicle. In order to remedy this defect, I provide a bracing member or iron at each side of the vehicle beneath the seat, each iron comprising a pair of standards or uprights 10 arranged to bear against the standards 7 of the support-
45 ing frame and which may be secured thereto at intervals throughout their length if desired. At their lower ends the standards are provided with laterally bent feet 11 fastened by bolts or screws 12 to the adjacent
50 sill 9, and at their upper ends said standards are connected by a cross piece or plate 13 extending between their outer edges and arranged at right angles thereto.

The cross piece or plate 13 is perforated for the passage of bolts or other suitable fastenings securing the same to the adjacent side piece 6 of the seat supporting frame, and upon the outer sides of the standards and cross
55 piece, adjacent their corner angles, are arranged horizontally and laterally extending lugs 14 and 15 which extend under the front, rear and side pieces of the seat supporting frame and form supports to sustain the same
60 firmly and securely against the weight of the seat and its occupants. Apertured bracing lugs 16 are also arranged at the corner portions of the brace and are disposed upon the inner side thereof to strengthen the elements of the brace at their points of union. Bolts 17
65 pass through these apertured lugs and the end portions of the seat and rigidly fasten the latter in position, whereby the seat and its supporting frame are securely tied or united and the frame fastened to the sills of the
70 body, so as to mutually brace the parts and hold them from spreading or becoming accidentally detached.

The braces may be applied to buggies of ordinary construction and at a small cost provides a simple and effective means of connecting and bracing the parts and
75 remedying the objections referred to.

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

1. A vehicle seat brace comprising a pair of supporting standards connected at their upper ends by a cross piece, said brace being provided with inner and outer support-
80 ing projections at and adjacent to the corner angles between each of said standards and the cross piece.

2. The combination with a body, a seat frame, seat frame supporting standards and the seat of a vehicle, of means for bracing the seat frame and seat, comprising
85 bracing devices at opposite sides of the body, each of said bracing devices embodying a pair of standards secured to the seat standards, a cross piece connecting the upper ends of said standards and secured to the outer side of the seat
90 frame, supporting lugs upon the outer sides of the standards and cross piece adjacent the corner angles thereof and projecting beneath the adjoining ends of the side and front and rear pieces of the seat frame, perforated
95 ears connecting the inner faces of the standards and cross piece at the angle, and bolts extending through said ears and connecting the same with the seat.

3. A vehicle seat brace comprising a pair of standards, a cross piece connecting the outer edges of the standards
100 at their upper ends, supporting lugs upon the outer sides of the standards and cross piece adjacent the corner angles thereof, and perforated lugs connecting the inner sides of the standards and cross piece at the angles.

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

MONROE HOAGLAND.

Witnesses:

W. T. HARDY,
T. H. BELL.