

No. 839,838.

PATENTED JAN. 1, 1907.

J. HAGE.
ADJUSTABLE FOOTBOARD FOR VEHICLES.

APPLICATION FILED JAN. 16, 1906.

2 SHEETS—SHEET 1.

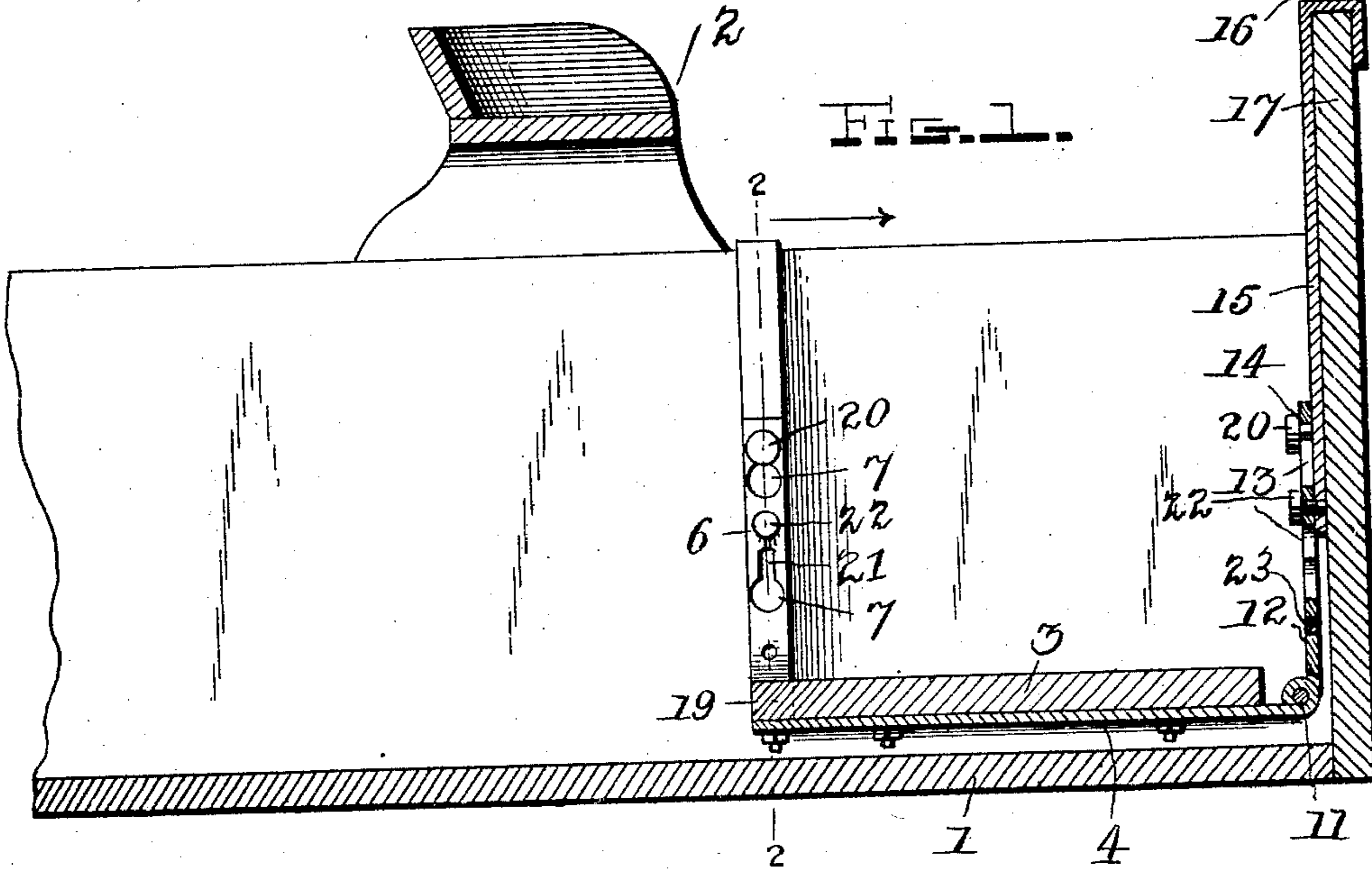
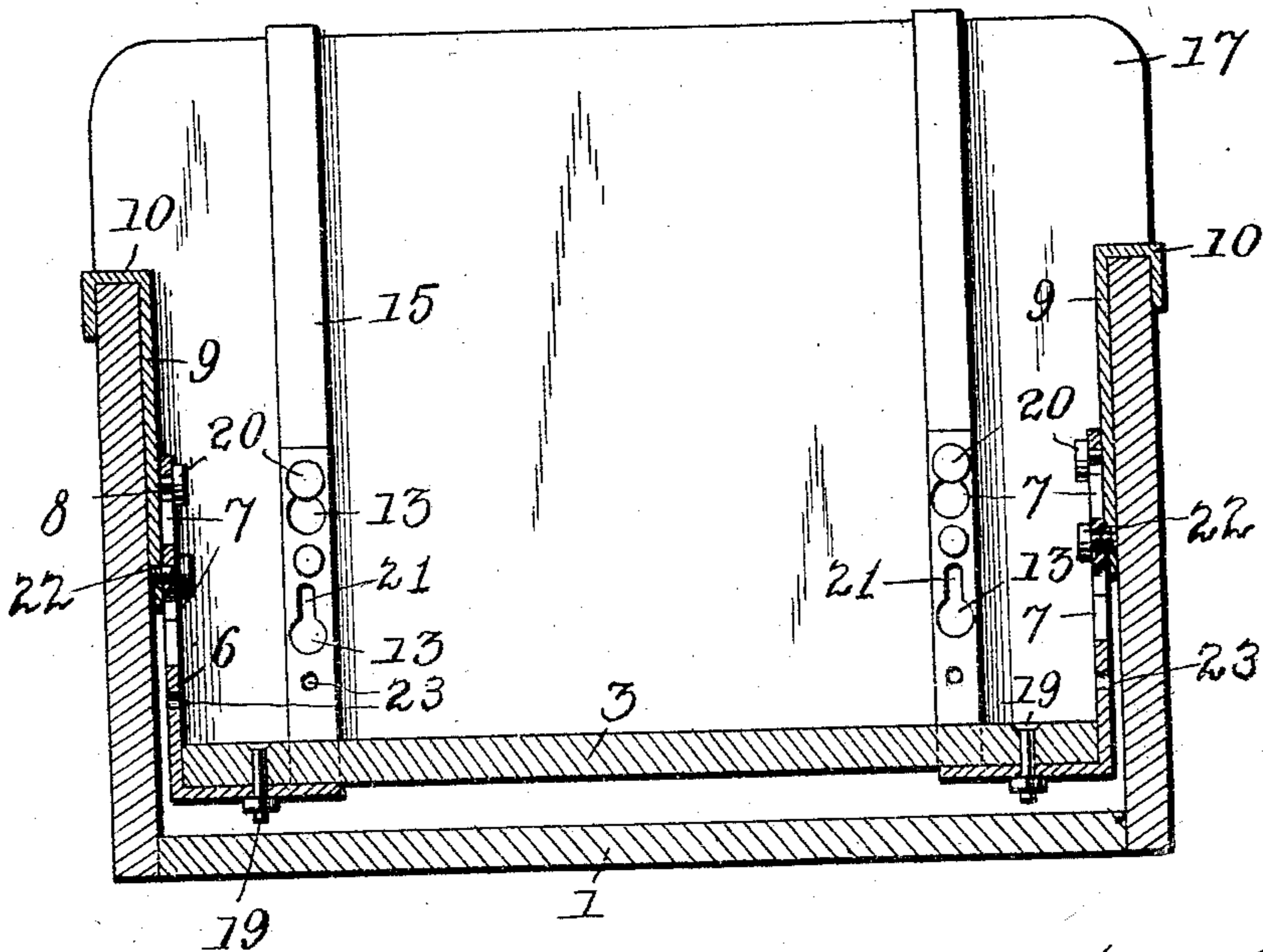


FIG. 2.



Witnesses
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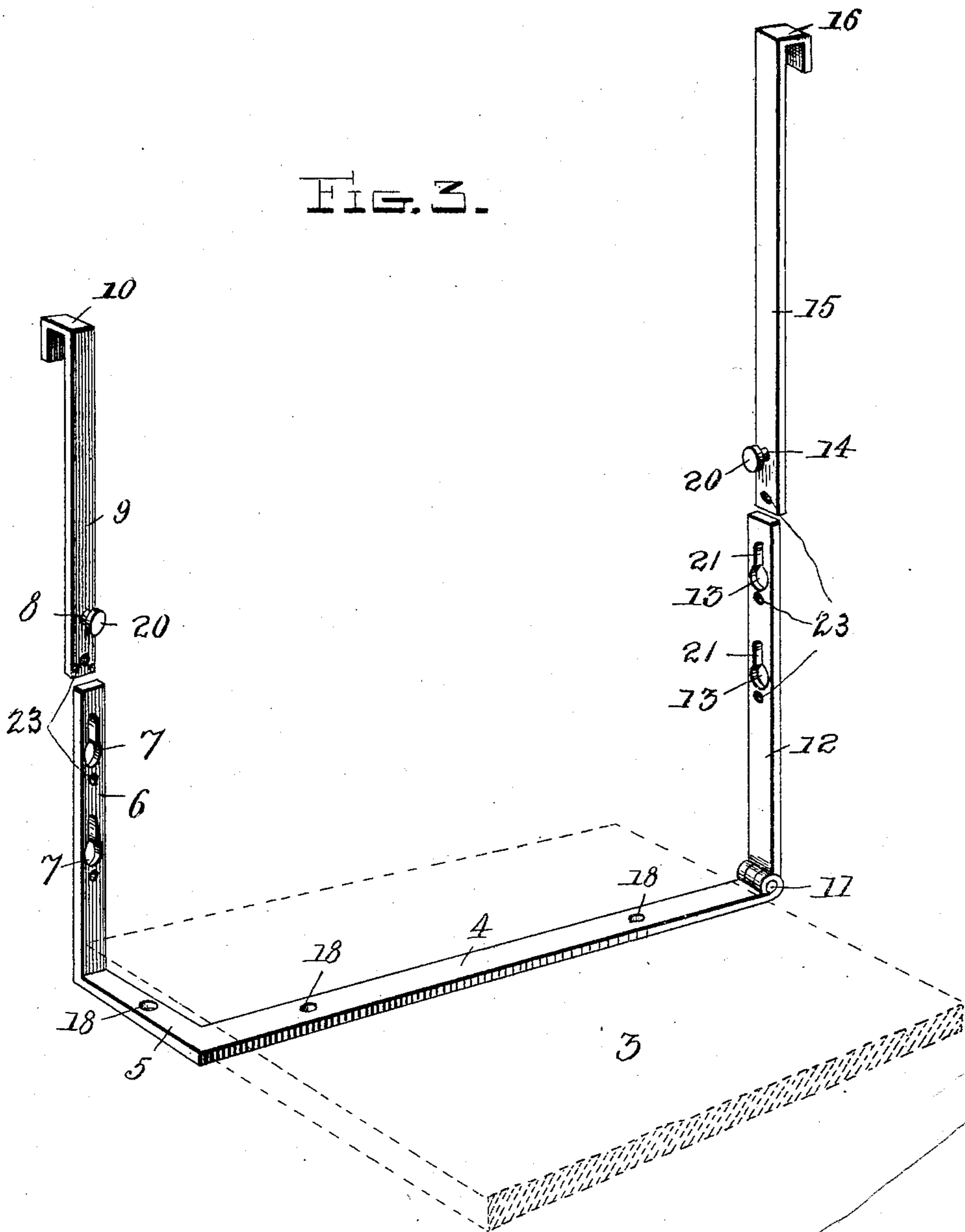
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FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN HAGE, OF PLANKINTON, SOUTH DAKOTA.

ADJUSTABLE FOOTBOARD FOR VEHICLES.

No. 839,838.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed January 16, 1906. Serial No. 296,341.

To all whom it may concern:

Be it known that I, JOHN HAGE, a citizen of the United States, residing at Plankinton, in the county of Aurora and State of South Dakota, have invented certain new and useful Improvements in Adjustable Footboards for Vehicles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to adjustable footboards for wagons and like vehicles, one of the objects being to provide an adjustable footboard so arranged that the entire board or either end or side thereof may be raised or lowered and held in such raised or lowered position to suit the stature and for the convenience and comfort of persons riding in the vehicle.

A further object of the invention is to provide a device of the character described that shall be simple and inexpensive in construction, durable, effectual in operation, and which may be removably and adjustably attached to any vehicle.

Other objects and advantages of my invention, as well as the structural features by means of which these objects are attained, will be made clear by an examination of the specification, taken in connection with the accompanying drawings, in which the same reference-numerals indicate corresponding portions throughout, and in which—

Figure 1 is a side elevation of a vehicle in cross-section and showing in section my device in operative position. Fig. 2 is a transverse section taken on lines 2 2 of Fig. 1, and Fig. 3 is a perspective view of the means for adjustably supporting one end of the footboard and showing a portion of the footboard in dotted lines.

1 designates the box of a vehicle having a seat 2 mounted thereon, and 3 a footboard which is supported at each end by adjustable straps, said straps being made of any suitable material, but preferably thin sheet metal. Each strap comprises a horizontal arm 4, a shorter arm 5, formed integral therewith and arranged at right angles thereto, and a vertical arm 6, also arranged at right angles thereto and having therein a plurality of openings 7 for the reception of a lug or stud 8, fixed on a vertical supporting-strap 9, having its upper end bent at right angles to form a hook 10, which fits over the top of the side of the vehicle-box and is supported thereby, as best shown in Fig. 2. Hinged or pivotally

mounted on one end of said strap, as shown at 11, is a vertical strap 12, provided with openings 13 for the reception of a lug or stud 14, fixed on a vertical supporting-strap 15, bent at right angles at its upper end to form a hook 16, which is adapted to engage the top of the end of the vehicle-box or dashboard 17, whereby it is supported. The adjustable straps are provided at suitable intervals with openings 18 for the reception of bolts 19, whereby the footboard 3 is held in place thereon.

The footboard is raised or lowered by raising or lowering the straps 6 and 12, so that the lugs or studs 8 and 14 rest in the upper or lower openings. It will be observed that the openings 7 and 13 are circular for the reception of the heads 20 on said lugs or studs. Adjacent to each circular opening is a longitudinal slot 21, cut in the strap, and in these the lugs 8 and 14 are adapted to rest, the heads 20 extending beyond the edges of said slots, and thereby holding the straps in connected position and preventing their displacement. Each end of the footboard may be raised by adjusting the lugs or studs on the straps at that end in the upper or lower openings 7 and 13, and it is obvious that either side of the board may be elevated or lowered by a similar operation. To prevent the lugs or studs leaving the openings 13 and 7 should the board be raised accidentally, I provide keys or thumb-screws 22, which pass through the openings 23, which openings may be threaded, if desirable, for the reception of said thumb-screws.

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

1. A footboard for vehicles comprising an adjustably and removably mounted frame, and a footboard held in a suspended position thereby.

2. A footboard for vehicles comprising an adjustably and removably mounted depending frame, and a footboard held in a suspended position thereby.

3. A footboard for vehicles comprising an adjustable frame having supporting-hooks formed integral therewith and affording means for holding the frame in suspended position, and a footboard carried by the frame.

4. A footboard for vehicles comprising a board, a frame supporting the board, one end of said frame being arranged vertically

and having openings therein, a strap hinged or pivotally mounted on the other end of the frame and having openings therein, and supporting-straps having their upper ends bent to form hooks, and having lugs adapted to engage the openings whereby the frame is adjusted and held in adjusted position.

5. An adjustable footboard for vehicles comprising a board, frames adapted to support the board, one end of each frame being arranged vertically and having openings therein, a strap hinged or pivotally mounted on the other end of each frame and having openings therein, and straps having hooks at their upper ends and lugs or studs adapted to engage the openings whereby the frames are adjusted and held in adjusted position.

6. An adjustable footboard for vehicles comprising a board, frames adapted to support the board, one end of each frame being arranged vertically and having openings therein, a strap hinged or pivotally mounted on the other end of each frame and having openings therein, straps having hooks at their upper ends and lugs or studs adapted to en-

gage the openings whereby the frames are adjustably and removably connected, and keys or thumb-screws passing through openings in the frames whereby said straps and frames are held against displacement.

7. An adjustable footboard for vehicles comprising a board, frames adapted to support the board, one end of each frame being arranged vertically and having openings therein, a strap hinged or pivotally mounted on the other end of each frame and having openings therein, straps having hooks at their upper ends and lugs or studs adapted to engage the openings whereby the frames are adjustably and removably connected, and keys or set-screws passing through openings in the frames and straps and affording auxiliary means for removably connecting the same.

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

JOHN HAGE.

Witnesses:

S. H. BAKEWELL,
H. V. SEARS.