

(No Model.)

P. J. HANLEY.  
SHIFTING SEAT FOR VEHICLES.

No. 468,275.

Patented Feb. 2, 1892.

FIG. 1.

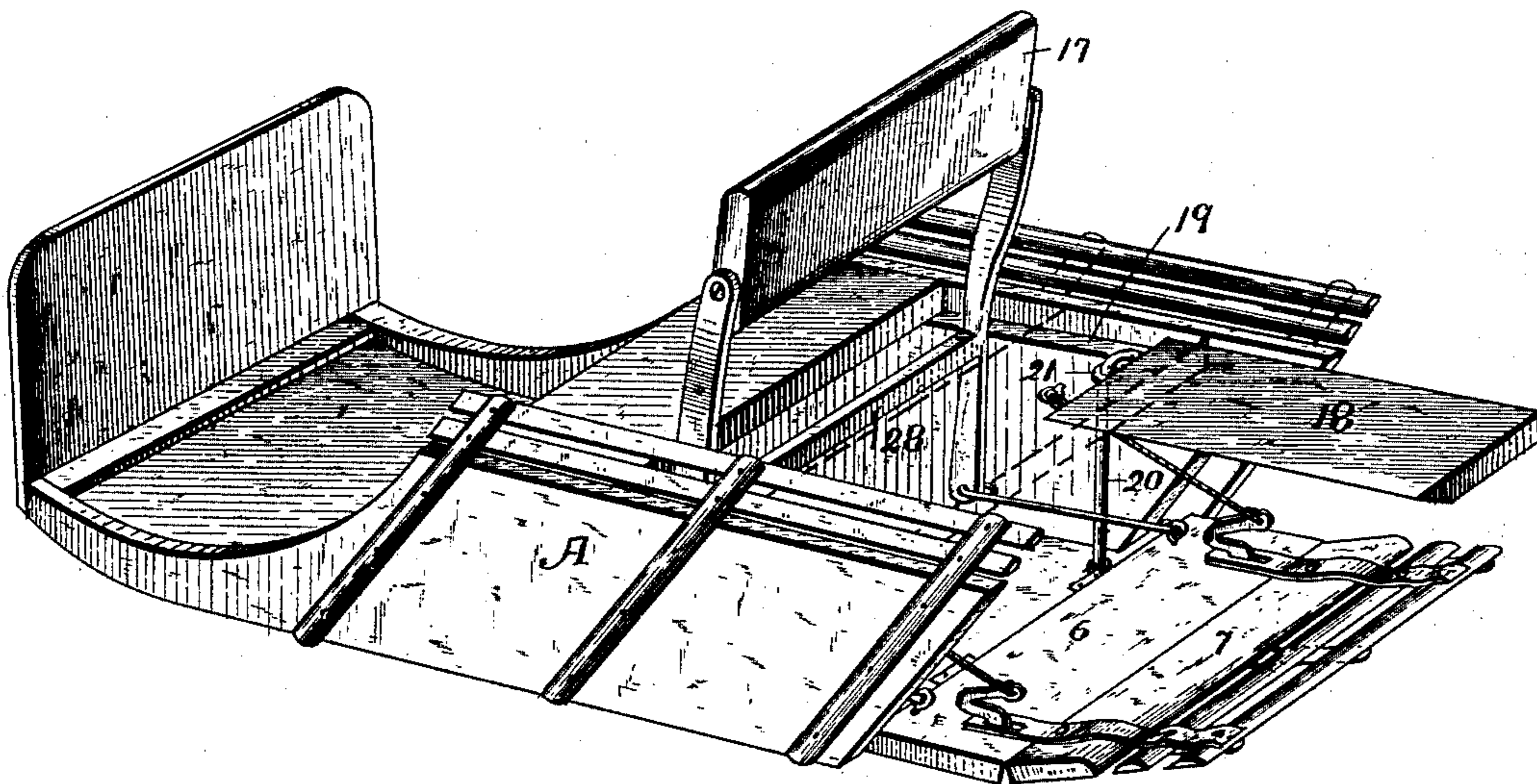
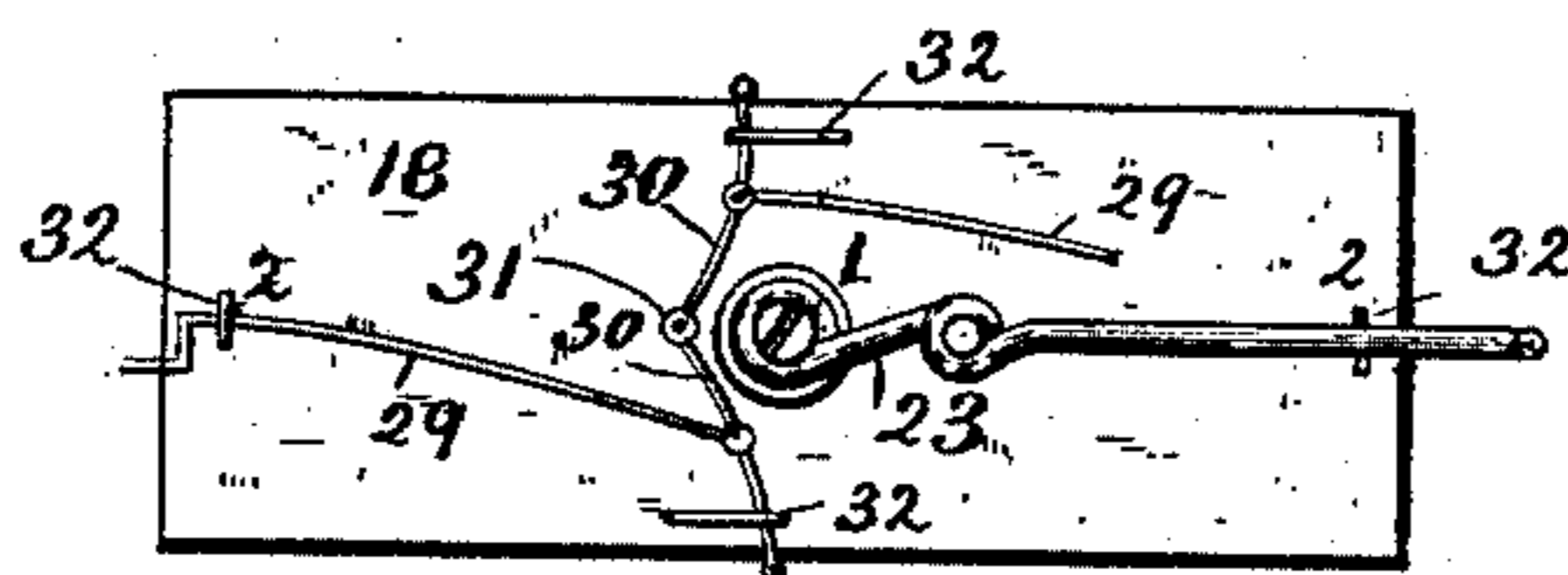


FIG. 2.



ATTEST.

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# UNITED STATES PATENT OFFICE.

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## SHIFTING SEAT FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 468,275, dated February 2, 1892.

Application filed June 29, 1891. Serial No. 397,847. (No model.)

*To all whom it may concern:*

Be it known that I, PATRICK JOSEPH HANLEY, a citizen of the United States of America, residing at Amesbury, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Seats for Vehicle-Bodies, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in seats for vehicle-bodies, and has for its object to provide a seat that may be readily moved in a right line forward or backward upon shoulders or supports located on the sides of the vehicle-body, and when carried backward until it is clear of such supports it will be held in such position that it may be conveniently reversed, if desired, and returned to its normal position. It consists of the parts described in the claims.

In the drawings, Figure 1 is a perspective view of my invention, the seat swung out. Dotted lines indicate its normal position. Fig. 2 is a detail of the shifting mechanism and detent located on the under side of the seat.

Like letters and figures indicate the same parts throughout the several views.

The seat 18 is held to slide upon the shoulders 19 of the sides of the vehicle-body A by means of the supporting-crank 20, pivotally stepped in the vehicle-bottom on one side, and held to revolve near and below the bend forming the horizontal arm of the supporting-crank by the clasp 21, rigidly attached to the side of the vehicle-body, the end of the horizontal arm of the supporting-crank being pivoted to one end of the short link 23, Fig. 2, which short link is pivoted at its opposing end to the under side of the seat 18, thus enabling the seat 18 to be moved forward or backward in a direct line upon the shoulders 19. The seat may be swung clear of the shoulders 19 to the rear and be supported parallel to the longitudinal axis of the vehicle-

body by the supporting-crank, thus affording free access from the rear to the body of the vehicle, and it may be held from sliding upon the shoulders 19 at any desired point by any suitable means, as by bolts or detents 29, contacting with shoulders 19, which are operated by the levers 30 30, pivoted at 31, the bolts and levers being held to slide in yokes 32.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A seat for vehicle-bodies, held to slide upon shoulders or supports on the sides of the vehicle-body and capable of being supported when swung clear of such supports by a supporting-crank pivotally stepped in the bottom of the vehicle-body on one side and held to revolve in a clasp passing around its vertical arm and attached to the side of the vehicle-body, the end of the horizontal arm of the supporting-crank being pivotally attached to one end of a link, the opposing end of which is pivoted to the under side of the seat, as and for the purposes set forth.

2. A seat for vehicle-bodies, having a supporting-crank pivotally stepped in the bottom of the vehicle-body and attached to the side thereof by a clasp, the horizontal arm of the supporting-crank being attached to the under side of the seat by a link for the purpose of permitting motion of the seat in a right line while resting on supports within the vehicle-body, substantially as set forth.

3. The combination of the vehicle-seat 18, the supporting-crank 20, pivotally stepped in the bottom of the vehicle-body and attached to the sides thereof, and the link 23, attached to the seat, as and for the purposes specified.

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

PATRICK JOSEPH HANLEY.

Witnesses:

C. HENRY GOODALE,  
SAMUEL ROWELL.