

A. K. WADDILL.
Car-Seat Lock.

No. 202,308.

Patented April 9, 1878.

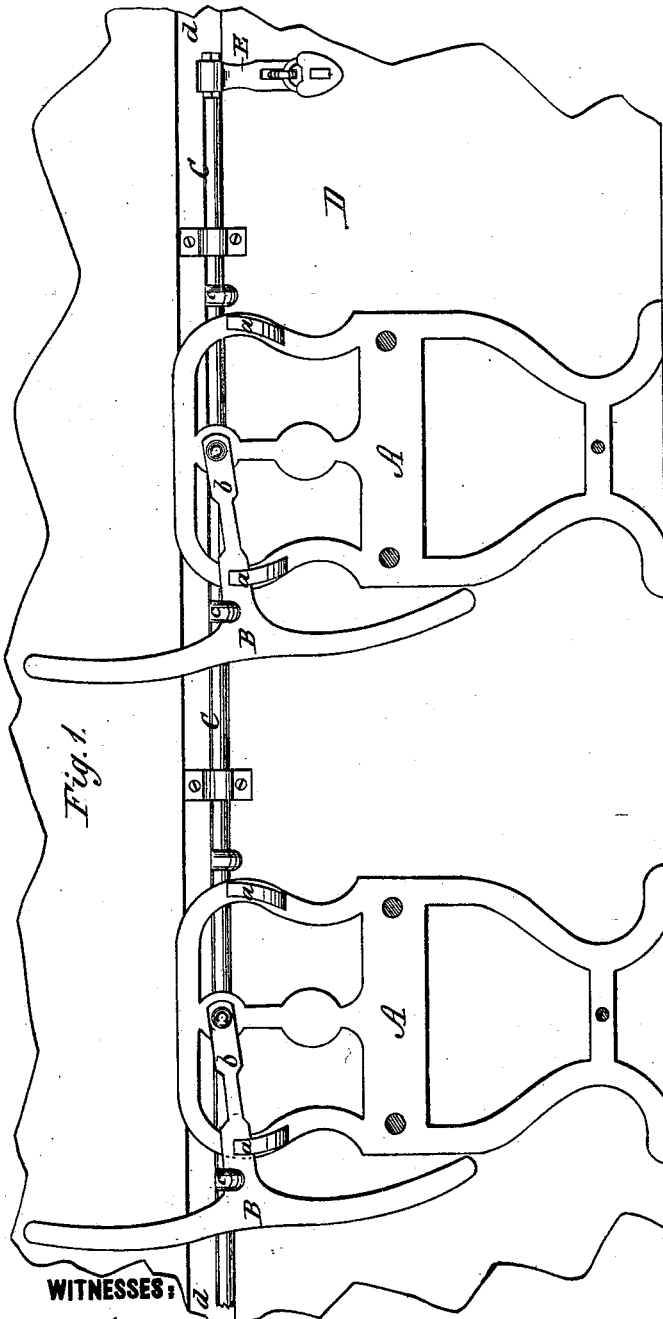


Fig. 1.

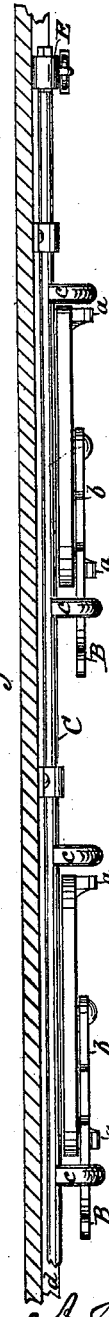


Fig. 2.

WITNESSES:

W. W. Hollingsworth
John H. Kemm

INVENTOR:

A. K. Waddill

BY

Samuel E.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ABEL K. WADDILL, OF DENISON, TEXAS.

IMPROVEMENT IN CAR-SEAT LOCKS.

Specification forming part of Letters Patent No. **202,308**, dated April 9, 1878; application filed February 27, 1878.

To all whom it may concern:

Be it known that I, ABEL K. WADDILL, of Denison, in the county of Grayson and State of Texas, have invented a new and Improved Lock for Car-Seats; and I do hereby declare that the following is a full, clear, and exact description of the same.

The reversible backs of car-seats have been locked by means of a rod having pins that engage lugs or projections on said backs, the arrangement being such that all the backs of a row of seats could be locked or unlocked simultaneously.

My invention is an improvement upon that, and consists in providing the locking-rod with claws or lugs, which catch over the pivot-arms of the reversible backs, and with a rigid arm, which serves both as a means for operating the locking-bar and for securing or fastening it when properly adjusted for locking the seat-backs, as hereinafter described.

In the accompanying drawings, Figure 1 is an elevation of a fragment of the interior of a passenger railway-car, showing the application of my improvement. Fig. 2 is a plan view, with the side wall of the car in section.

A A indicate the end portions of seat-frames, and B B the reversible backs thereof, which are supported, in the usual way, by engagement of lugs *a* with their pivot-arms *b*.

The rod or bar C, by which the seat-backs B are locked, is arranged in a lengthwise recess, *d*, in the side D of the car, so that it occupies no space in the interior of the car, and cannot

come in contact with the clothing of passengers. The rod is provided with claws or lugs *c*, which, when it is turned a quarter round, will engage or catch over the pivot-arms *b* of the backs B, and hold them locked so long as the rod is prevented from turning back. To hold the rod thus locked I apply a rigid arm, E, to one end of the rod, and provide it with a slot to receive a staple which is fixed in the wall, and to which a padlock is attached when the bar E has been turned down. Thus the locking-rod is operated by the same lever-arm by which it is held in the position required to lock the reversible seat-backs.

I am aware a hasp has been applied to prevent a rod from turning when properly adjusted for locking car-seat backs, and I do not claim such combination of parts.

What I do claim is—

The combination, with the rod C, having claws or lugs, and the reversible seat-backs B, of the slotted lever-arm E and the locking device, said arm being rigidly attached to the rod, so as to serve both as a means for operating it and holding it in a fixed position, all as shown and described.

The above specification of my invention signed by me this 4th day of February, A. D. 1878.

ABEL K. WADDILL.

Witnesses:

SOLON C. KEMON,
AMOS W. HART.