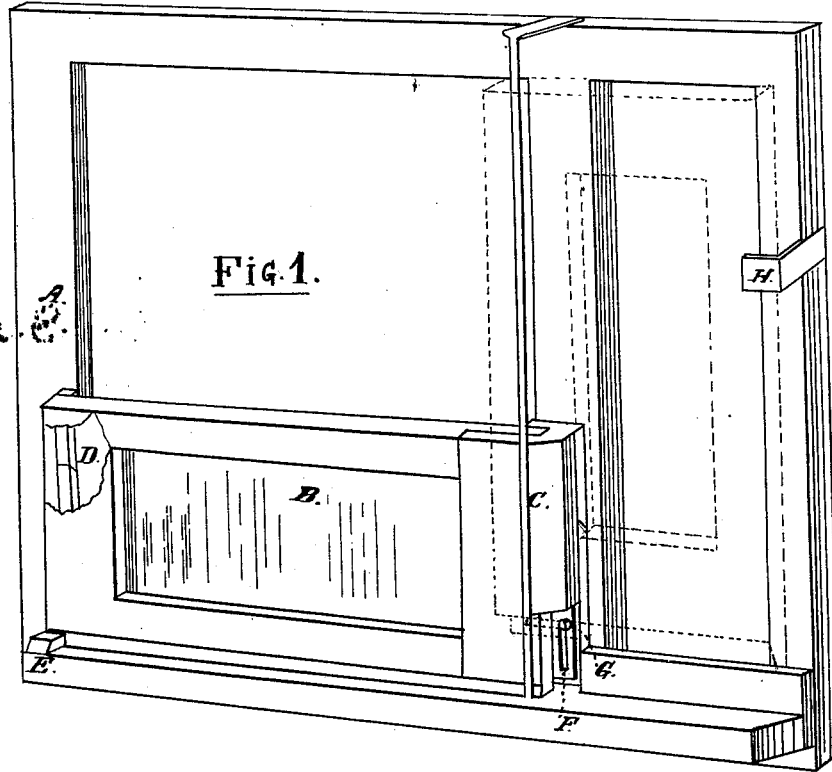


W. O. DAVIES.  
Car-Door.

No. 197,343.

Patented Nov. 20, 1877.



WITNESSES:

*W. Smith*  
*Chas. Smith*

INVENTOR:

*William O. Davies*

# UNITED STATES PATENT OFFICE.

WILLIAM O. DAVIES, OF MILWAUKEE, WISCONSIN.

## IMPROVEMENT IN CAR-DOORS.

Specification forming part of Letters Patent No. **197,343**, dated November 20, 1877; application filed April 10, 1877.

*To all whom it may concern:*

Be it known that I, WILLIAM O. DAVIES, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Car-Doors, of which the following is a specification:

My invention has for its object the construction of a door for freight-cars that can be opened and closed without any catching or binding by the grain or other articles clogging it. It is a lifting door, which is hung at one corner, and, in opening, is raised to a perpendicular position, and, falling back behind keepers, is held firmly out of the way.

The drawing forming part of this specification is a perspective view of my invention.

In the drawing, A is the frame of the door; B, the door; C, a rod running from the bottom to the top of the frame A, and behind which the back end of the door projects, and is held up in place, and which holds the door from

being pressed out by grain or anything behind it. F is a slotted piece, with an offset in the upper end of the slot, secured to the lower hind corner of the door. G is a headed pin passing through slot F, and secured in the frame, and on which the door swings. H is a clasp, behind which the door slides when in a perpendicular position.

What I claim, and desire to secure by Letters Patent, is—

The door B, rod C, which holds the back end of same, hook which holds the front end of the door-block E, slotted piece F, with an offset in its upper end, headed pin G, passing through slot F, and clasp H, all in combination, substantially as described.

WILLIAM O. DAVIES.

Witnesses:

J. B. SMITH,  
CHAS. A. SMITH.