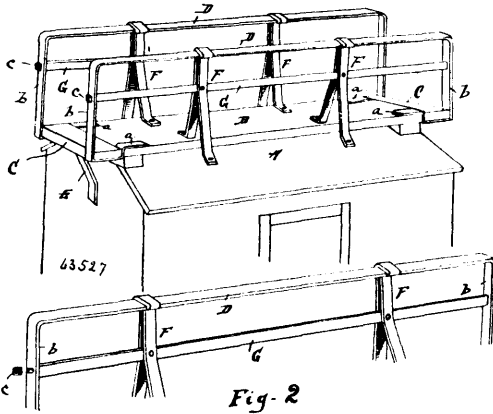


ing the staple to hold the same, and the bolt also having a handle portion extending transversely to the main portion and transversely to the slats, whereby the movement of the bolt is limited.

No. 63,527. Box Car. (*Char à marchandises.*)

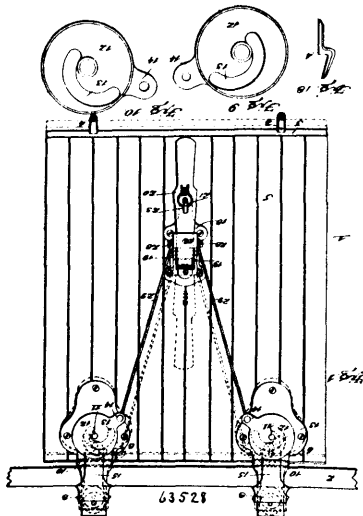
Fig. 1



Charles H. Osborn, Macon, Michigan, U.S.A., 1st August, 1899; 6 years. (Filed 27th February, 1899.)

Claim.—1st. An attachment for box cars, consisting of the rails D, bent downward at their ends to form supports for the extending end boards C, and the uprights F, constructed of a single piece, having one end secured to the footboard upon said car, from whence it is carried upward and bent over said rail, thence downward and secured to the roof of said car, substantially as described. 2nd. A brakeman's life guard for box cars, consisting of the rails D, bent downward at their ends and secured to the roof of said car, the end extending boards C, supported upon the end of said rails, the uprights F, constructed of a single piece bent over said rails and having its ends supported and secured to the footboard and roof of said car, and the rail G engaged between the ends of said uprights and having its ends reduced and terminated with a threaded portion adapted to pass through a suitable opening in the ends of said rails, and the nuts c arranged to engage with said reduced portions, substantially as described.

No. 63,528. Car Door Lock and Hanger.
(*Serrure et penture pour porte de char.*)

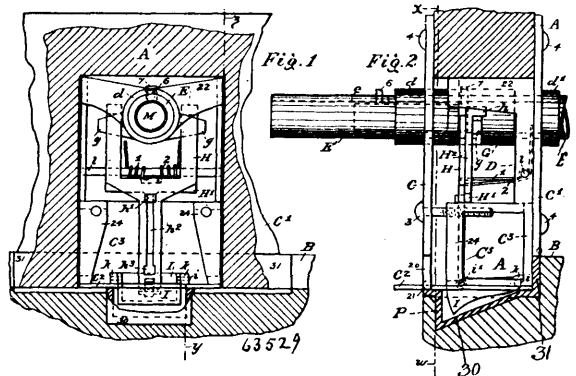


Isaac W. Donat, Adrian, Michigan, U.S.A., 1st August, 1899; 6 years. (Filed 9th March, 1899.)

Claim.—1st. The combination with the hanger plates having supporting wheels at their upper ends and clamping bars secured to their inner faces below said wheels, sliding bars embracing said hangers, and means for moving said bars into engagement with the track to free the wheels therefrom and elevate the clamping bars into engagement therewith, substantially as set forth. 2nd. The

combination with the hanger plates having hooked upper ends, supporting wheels journaled in said upper ends, clamping bars secured to the hanger plates below said wheels, sliding bars having box-shaped ends embracing the upper end of the hanger plates, a cam disc supported by said hanger plates and adapted to move said bar vertically to free its wheels from the track rail and elevate the clamping bar into engagement therewith, and means for actuating said cam discs, substantially as set forth. 3rd. The combination with the hanger plates having hooked upper ends, supporting wheels journaled thereto, a ledge projecting laterally from the inner face of the hanger plates, a toothed bar supported on said ledge below the supporting wheel, a cam disc having a cam groove therein, a sliding bar having a box-shaped upper end that embraces the hooked upper end of the hanger plate, said bar having at its lower end a stud that projects into the curved groove of the cam disc, and means for actuating the cam discs, substantially as set forth. 4th. The combination with a door, its supporting track rail, of hanger plates secured to the door and provided with hooked upper ends, wheels journaled in the hooked upper ends and engaging the upper edge of the track rail, clamping bars carried by the hanger plates, sliding bars having their upper ends of box-shape and embracing the upper ends of the hanger plates, cam discs pivoted to the hanger plates and connected to the sliding bars, and means for rotating the cam discs, substantially as set forth. 5th. The combination with the track rail, the door and the hanger plates having supporting wheels to engage the upper edge of the rail and a clamping plate to engage the lower edge of the track rail, sliding bars having box-shaped ends embracing the upper ends of the hanger plates, cam discs for reciprocating said bars, a lever, and links connecting the lever with the cam discs, substantially as set forth. 6th. In combination, a lever base plate, a lever pivoted to said base plate, said lever having its upper end toothed or serrated, a dog having one of its sides toothed or serrated portion of the lever and provided with laterally projecting studs, hanger plates carrying supporting wheels and a clamping bar, a sliding bar embracing said hanger plates, cam discs for actuating said bar, and connections between the cam discs and the laterally projecting studs of the dog, substantially as set forth.

No. 63,529. Lock. (*Serrure.*)



Byron Phelps, Seattle, Washington, U.S.A., 1st August, 1899; 6 years. (Filed 29th April, 1899.)

Claim.—1st. In a lock, a main frame to support the latch mechanism and adapted to be inserted in a notch in the stile of a door, having a plurality of separated and hollow spindle bearings attached thereto and extending transversely outside of the same, said frame having an opening at one end for a latch bolt. 2nd. In a lock in combination, a main frame to support the latch mechanism and adapted to be inserted in a notch in the stile of a door, having a plurality of separated and hollow spindle bearings attached thereto and extending transversely outside of the same, and plates extending transversely of said bearings and adjustable with relation to each other so as to clasp the sides of said stile. 3rd. In a lock in combination, a main frame to support the latch mechanism and adapted to be inserted in a notch in the stile of a door, having a plurality of separated and hollow spindle bearings attached thereto and extending transversely outside of the same, a face plate extending transversely of said bearings and adjustable with relation to each other so as to clasp the sides of said stile, one of said plates embracing said face plate. 4th. In combination in a lock a main frame, a side plate integral therewith, spindle bearings also integral with said frame, and extending laterally therefrom, and a face plate extending laterally from the plane of one side plate across the edge of the other side plate, said other side plate being adjustable with relation to said face plate whereby the notch in the door stile will be kept closed. 5th. In a lock in combination latch mechanism embracing a latch bolt or head, a plurality of rotatable spindles, bolt actuating means connected with one of said spindles and adapted to be operated to retract said bolt by the rotation of said spindle against rotation and operative from the side of said lock opposite said locked spindle.