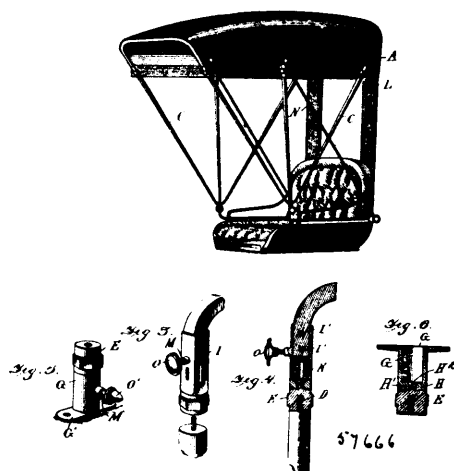


jection or rib so as to wholly cover and protect the lower edge and covered so that the rubber alone shall bear upon the boot or shoe and still show the least appearance of material foreign to the trousers leg. 4th. A trousers protector consisting of a strip of soft rubber or other analogous material moulded with a longitudinal projection or rib so as to wholly cover and protect the lower edge and so as to be easily attached to every kind and size of trousers leg.

No. 57,666. Carriage Top Connections.
(*Joint pour dessus de voitures.*)



Amis Krider, Chicago Heights, Illinois, U.S.A., 4th October, 1897; 6 years. (Filed 13th September, 1897.)

Claim.—1st. In a carriage top connection, the combination with the props having reduced threaded ends, of the sockets adapted to be connected to the carriage top, said sockets having nuts swivelled to the bottom thereof, substantially as shown and described. 2nd. In a carriage top connection, the combination with the props having reduced threaded ends, of the sockets having holes in the bottom thereof, and the nuts having a pin projected upward through said holes and headed to permit rotation and prevent disconnection, substantially as shown and described. 3rd. In a carriage top connection, the combination with the props having reduced threaded ends, of the sockets adapted to be attached to the top of the vehicle, said sockets having an integral bolt or threaded post, and a nut swivelled to the bottom of the socket, substantially as shown and described. 4th. In a carriage top connection, the combination with the props having reduced threaded ends, of the sockets having integral bolts or posts at the side, and the opening in the bottom thereof, and the nuts having pins at their upper ends and passing through the holes and bottom of the socket, said pins being headed to permit rotation and prevent disconnection, substantially as shown and described. 5th. In a carriage top connection, the combination with the props having reduced threaded ends, of the nuts adapted to engage said threaded ends, the sockets to which said nuts are swivelled, said sockets being adapted to receive the top bows from the carriage, and also slotted at the sides to receive the hinge bows of said top, substantially as shown and described.

No. 57,667. Rocking Chair. (*Fauteuil à bascule.*)

Thomas L. Holt, Burlington, North Carolina, U.S.A., 4th October, 1897; 6 years. (Filed 13th September, 1897.)

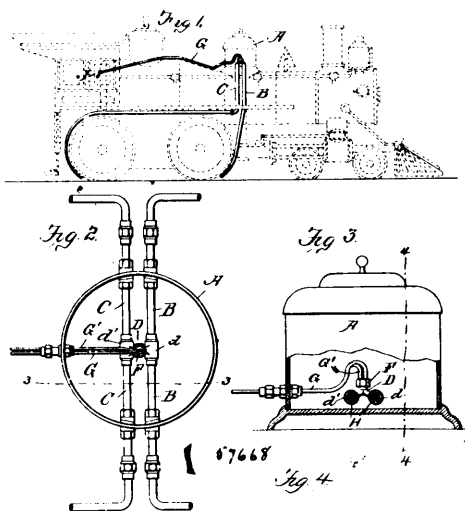
Claim.—1st. A rocking chair provided with a suitable seat, legs and rockers rigidly secured thereto, that portion of the rockers in the rear of the rear legs being pivotally attached, in combination with means for raising said rear portion to a vertical position against the rear legs, substantially as set forth. 2nd. The combination in a rocking chair of a seat, legs and rockers rigidly secured together, with rear extensions pivoted to the rockers in the rear of the rear legs of the chair, means for raising these extensions to a vertical position behind the rear legs, and stops brought into position by the adjustment of the rocker extension whereby the chair is supported in a non-rocking position, substantially as described. 3rd. The combination in a rocking chair of a rigid seat, rigid legs and rigid rockers secured thereto, extensions to the rear in line with the rockers, plates rigidly secured to said extensions and pivotally secured to the rear ends of the rockers, other plates secured upon the inner surfaces of the extensions and projecting some distance along the rockers when the extension and rocker are in line, and means for raising said extensions and plates to a vertical position in the rear of the chair, whereby the extension of said plates become stops to prevent the rocking of the chair and hold in an upright position, substantially as set forth. 4th. The combination in a rocking chair of a rigid seat, rigid legs and rigid rockers, with pivoted

extensions at the rear ends of the rockers and toggle levers secured rigidly at their forward ends to a cross bar connecting the rear legs



of the chair and at the other ends to a cross bar connecting said rocker extensions, said first named bar provided with a suitable handle, whereby said rocker extensions may be adjusted to a vertical position behind the chair, substantially as set forth. 5th. The combination in a rocking chair of rigid seat, legs and rockers with extension arms pivotally connected to the rear end of the rockers, plates rigidly secured to the rocker extensions and extending forwardly along the rockers some distance in front of the pivot, toggle levers connected together by a bolt hinge, said arms being pivotally connected to a cross bar connecting the rocker extensions and the other to a cross bar pivoted between the rear legs of the chair and extended to form a handle, substantially as set forth.

No. 57,668. Track Sanding Apparatus.
(*Appareil à sabler la voie.*)



Jerome A. Houston, Springfield, Missouri, U.S.A., 4th October, 1897; 6 years. (Filed 18th September, 1897.)

Claim.—1st In a sanding device, the combination with the sand-box, of a delivery pipe for the sand, which pipe passes through the lower portion of said box, the ends of said pipe being located in juxtaposition to the rails, a coupling in the length of said delivery pipe, an opening or openings in said coupling, and a nozzle arranged in the coupling opposite said opening, said nozzle directing blasts in opposite directions into the delivery pipe, whereby the sand in the box is sucked up and forced into and through the delivery pipe, in opposite directions, to each rail, substantially as described. 2nd. In a sanding device, the combination, with the sand-box, of a continuous delivery pipe arranged through the lower portion thereof, the ends of said delivery pipe terminating above the rails, a coupling in the length of said delivery pipe, said coupling having an opening or openings within the sand-box, a blast nozzle in said coupling for directing a blast of air in opposite directions through the delivery pipe, said nozzle being substantially the length of the opening in the coupling, and a valve for controlling said blast, sub-