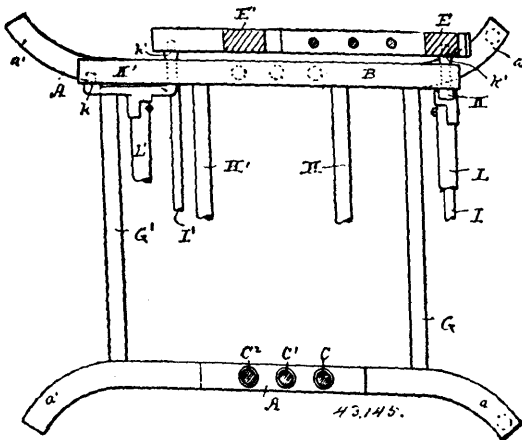


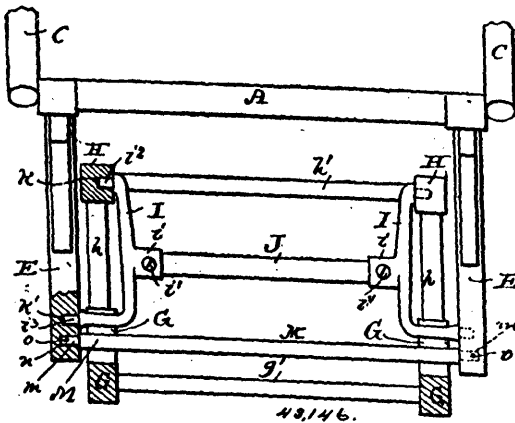
rocking chairs, comprising upper and lower base sections united together in pairs wholly within the extremities of each of said sec-

as described. 2nd. The combination with the fixed stack *b*, of the stack *c* sliding therein and provided at its lower end with pendent



tions, pivotal hangers entirely external to the points of union of said base sections, and cross pieces connecting the pivotal hangers at about midway of their length, substantially as set forth. 4th. An improved base for rocking chairs, comprising upper and lower base sections united together in pairs wholly within the extremities of each of said sections, in combination with a chair body, supports extending downward from the bottom rails of the chair body, pivotal hangers having one of their ends connected to the extremities of the upper base portions and their other ends to the bottom rail supports of the chair body, entirely external to the points of said base portions, substantially as set forth.

No. 43,146. Chair. (Chaise.)



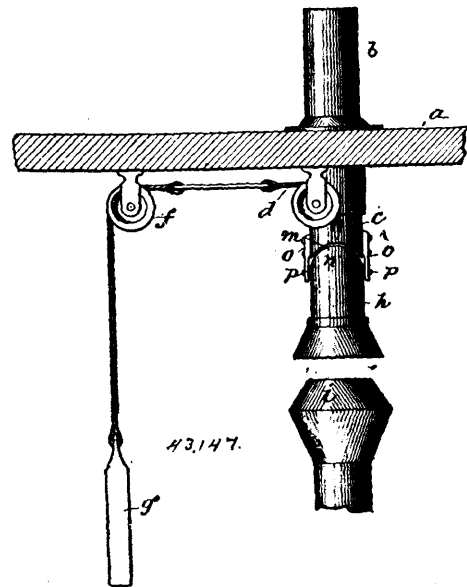
Fred. Albert Dennett, Sheboygan, Wisconsin, U.S.A., 7th June, 1893; 6 years.

Claim.—1st. The combination with a suitable base provided with standards, and swinging hangers pivoted thereon, of a chair body provided with pendant supports arranged in pairs at the front and rear of said body and upon the outside of said standards, and pivotally connected with said swinging hangers, and tie rods connecting the lower ends of said supports adjacent to their connections with said swinging hangers, and adapted to prevent said supports from spreading apart, substantially as and for the purpose set forth.

No. 43,147. Smoke Funnel. (Tuyau de cheminée.)

Henry W. Goodridge and Charles Jonsson, both of Chicago, Illinois, U.S.A., 7th June, 1893; 6 years.

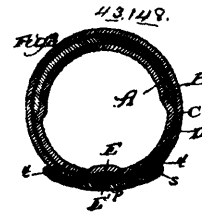
Claim.—1st. The combination with the fixed stack *b*, of the stack *c* sliding therein and provided at its lower end with opposite concavities *m*, and the swinging funnel *h* pivotally connected with the sliding stack, and provided at its upper end with convexities *n*, which enter the said concavities of the sliding stack, substantially



hangers or arms *o*, and opposite concavities *m*, and the swinging funnel *h* pivoted to the hangers or arms, and provided at its upper end with convexities *n* which enter the said concavities of the sliding stack, substantially as described.

No. 43,148. Pneumatic Tire.

(*Bandage pneumatique.*)



John Fullerton Palmer, Riverside, Illinois, U.S.A., 7th June, 1893; 6 years.

Claim.—1st. A pneumatic tire for bicycles, comprising an air tube, having applied to its outer surface a partial tube of soft rubber with an inelastic backing, whereby any apertures occurring in the inner tube may be sealed, substantially as described. 2nd. The method of applying a protective coating of rubber or like material to the air tube of a pneumatic tire, which consists in applying the rubber or similar material to a backing, having a curvature opposite to that of the tube, and thereupon reversing the curvature of the backing and applying it to the pneumatic tube to cause the rubber or similar material to lie between the tube and backing, substantially as described. 3rd. The method of applying rubber or like material to the air tube of a pneumatic tire, which consists in applying the rubber or similar material to a flexible backing and thereupon applying the backing to the tube, curving the backing with the rubber or similar material on the interior so as to present the curvature of the pneumatic tube, whereby the rubber or similar material shall be compressed by reason of its mode of application to the air tube, substantially as described. 4th. The method of applying a protective coating of rubber or similar material to the air tube, of a pneumatic tire, which consists in curving a flexible backing, such as canvas, so as to present in transverse section a curvature opposite to that of the air tube, then applying to the outer face of the backing in part of its width the layer or coating of rubber or similar material, then reversing the curvature of the backing and protective material carried thereby and applying the same to the rubber tube in such manner that the protective material shall be between the backing and tube, substantially as described. 5th. In a pneumatic tire for bicycles, the combination with the air tube, of a protective layer *B*, of soft rubber or the like, an inclosing casing of canvas or the like having, when secured, the flaps *C*¹, beaded at the lateral extremities, as shown, and the outer covering *D*, having the longitudinal grooves *s*, to receive the beaded edges of the flaps, substantially as described. 6th. A pneumatic tire comprising, in combination, air tube *A*, protective layer *B*, on the tread portion, protective layer *F*, on the inner side of the tube