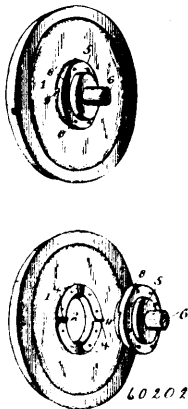


the position to which they may be adjusted, in combination with the resilient spring bands E, for firmly, and at the same time resiliently holding the opposite splint sections in place, and the foot rest G, secured to the lower splint sections, substantially as and for the purpose set forth. 2nd. In a splint, the bands F, open at back and front, and means for securely holding the adjacent sides of said bands in place, to permit the splint to be reversed, to adapt it to either leg, substantially as and for the purpose set forth. 3rd. In a splint, the resilient spring bands E, for the purpose of firmly holding and securing the splint sections in place, substantially as and for the purpose set forth. 4th. A splint, composed of adjustable splint sections, in combination with bands F, to adapt it to limbs of any length and size, substantially as and for the purpose set forth. 5th. A splint, composed of splint sections, in combination with the resilient spring bands E and bands F, substantially as and for the purpose set forth. 6th. The splint sections, the resilient spring bands E, and bands F, in combination with the extension A, curved brace B, belt C, and strap D, substantially as and for the purpose set forth. 7th. In a splint, a splint section A¹, provided with a lateral extension a¹, in combination with a splint section A², and means for securing said splint sections together at the position to which they are adjusted, by which the angle of flexion is formed at the knee, substantially as and for the purpose set forth. 8th. In a splint, a foot piece G, provided with a counter H, substantially as and for the purpose set forth. 9th. A splint section A⁴, provided with elongated slots a⁴, the foot piece G, the counter H, and stirrup J, in combination with the screw L, cross-brace K, spring M, and nut N, substantially as and for the purpose set forth. 10th. The splint section A⁴, provided with elongated slots a⁴, the resilient spring band E, the foot piece G, counter H, strap I, and stirrup J, in combination with the screw L, cross-brace K, spring M, and nut N, substantially as and for the purpose set forth. 11th. The adjustable splint sections A¹, A², A³ and A⁴, the resilient spring bands E, and the bands F, in combination with the foot piece G, counter H, stirrup J, screw L, cross-brace K, spring M, and nut N, substantially as and for the purpose set forth. 12th. The adjustable splint sections A¹, A², A³ and A⁴, the resilient spring bands E, the bands F, and the extension A, curved brace B, belt C, and strap D, in combination with the foot-piece G, counter H, stirrup J, screw L, cross-brace K, spring M, and nut N, substantially as and for the purpose set forth.

No. 60,202. Car Wheel. (*Roue de chars.*)



James Fairfield, Manchester, New Hampshire, John J. Cilley, Deerfield, New Hampshire, U.S.A., 3rd June, 1898; 6 years. (Filed 12th May, 1898.)

Claim.—1st. A car wheel composed of a body portion and a hub, the former being provided with a central tapering aperture with an integral shoulder surrounding said aperture and provided with projections and bolt holes, and the latter being tapering in form and adapted to the central aperture, and provided with an annular flange having recesses adapted to receive the projections of the body portion, and bolt holes registering with the bolt holes of the body portion, and bolts passing through the annular flange of the hub and the annular shoulder of the wheel, substantially as set forth. 2nd. In combination with the body of a wheel or outer portion having projections about a central aperture, of a hub having a portion adapted to fit said aperture, and provided with an annular flange having recesses adapted to receive projections, and bolts passing through the annular flange and the body of the wheel, together with an axle to which the hub is attached, for the purpose set forth.

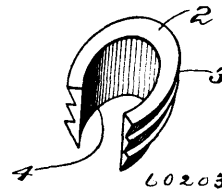
No. 60,203. Heel and Sole Protector.

(*Protecteur de semelles et talons.*)

The Sanford Manufacturing Company, Bouton, assignee of Nelson H. Tucker, Newton, both in Massachusetts, U.S.A., 3rd June, 1898; 6 years. (Filed 2nd May, 1898.)

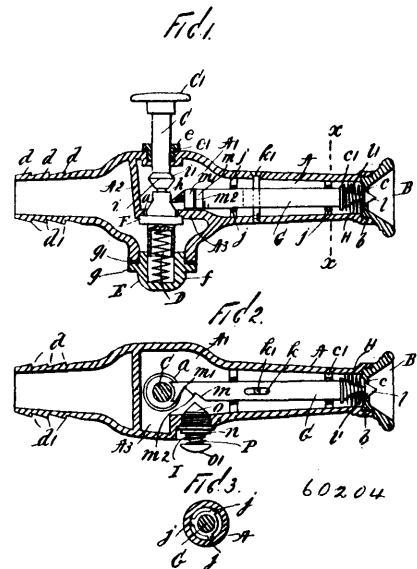
Claim.—1st. A heel or sole protector consisting of a strip bent to enclose a part of the material into which it is driven, having a wedge

shaped entering edge and thereby adapted to produce the incision into which it is driven to enable it to be driven into a heel or sole



from the exterior thereof and formed a long the surface of the protector with inclined projections the upper portions of which constitute barbs or shoulders which engage with the leather when the protector is set and hold it from retraction, the protector not exceeding in its thickness at the shoulders or barbs that of the wear-resisting edge or thread, substantially as set forth. 2nd. A heel or sole protector consisting of a strip bent to enclose a part of the material into which it is driven, having a wedge-shaped entering edge and thereby adapted to produce the incision into which it is driven, to enable it to be driven into a heel or sole from the exterior thereof, having a thickened wear-resisting edge or thread, and provided intermediate its width with a longitudinally extending shoulder, the protector not exceeding in its thickness at the shoulder that of the said wear resisting edge or thread, the said shoulder operating to prevent the withdrawal of the protector, substantially as set forth.

No. 60,204. Nozzle. (*Lance.*)



Edwin Ferris, Mont Clair, New Jersey, assignee of Henry Nicholasburg, New York City, U.S.A., 3rd June, 1898; 6 years. (Filed 5th March, 1898.)

Claim.—1st. In a nozzle the combination with a valve adapted to open and close the same and a depressible plunger arranged to actuate said valve, said plunger being normally raised, of means for holding said plunger in the depressed position and a button engaging said holding means and adapted when pressed to release the plunger therefrom, substantially as described. 2nd. In a hose-nozzle the combination of a depressible rod or plunger journaled therein, carrying a valve and normally raised, means for wholly opening the mouth of the nozzle, means for causing said mouth to spray, means upon the rod whereby the depression thereof actuates said opening and spraying means, and means for restoring said rod and nozzle to the normal position. 3rd. In a hose-nozzle the combination of a horizontally-movable spring actuated bar supported therein, a conical head upon the end of said bar, adapted when the same is retracted to open the mouth of the nozzle, when projected to cause the same to spray, a single rod adapted to project and permit the retraction of said bar and carrying a valve and means for releasing said bar and rod from engagement. 4th. In a hose-nozzle, the combination of a horizontally movable bar mounted therein, a conical head upon the end of the same, adapted when retracted to open the mouth of the nozzle, and when projected to cause the same to spray, a spring maintaining said bar in the normal position whereby the head is within the mouth, a depressible rod or plunger carrying a valve, normally raised and engaging with the bar, means upon said rod whereby the depression thereof permits the retraction