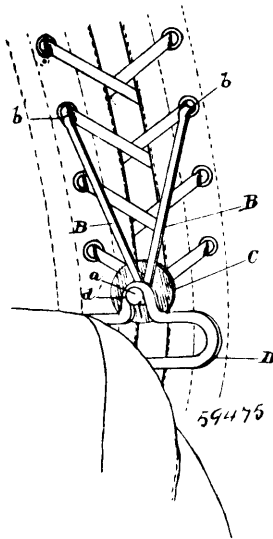


sufficiently larger than the pipes to enable it to be introduced cantwise between and over the same, and two bushings shorter than the distance between the pipes, and engaging respectively, by internal screw threads, with the two pipe ends, and by external screw threads with the two ends of the aforesaid sleeve, substantially as set forth. 3rd. The combination, with two pipes, of a coupling for the same, consisting of two bushings screwed respectively on to the ends of said pipes, and a sleeve engaging with both of said bushings by internal screw threads tapered in the same direction, substantially as and for the purpose set forth. 4th. The combination with two pipes relatively fixed at a certain distance apart, of a coupling for the same consisting of two bushings screwed respectively on to the ends of said pipes, the combined length of the bushings being less than the distance between the pipes, and a sleeve longer than the distance between the pipes, engaging with both of said bushings by internal screw threads, substantially as and for the purpose set forth. 5th. The combination with two pipes relatively fixed at a certain distance apart, of a coupling for the same consisting of two bushings screwed respectively on the ends of the pipes, each of said bushings being shorter than the distance between the end of the other bushing when screwed home and the end of the opposite pipe, and a sleeve longer than the distance between the pipes and screwed on to both of said bushings. 6th. The combination with two pipes relatively fixed at a certain distance apart, of a coupling for the same consisting of two bushings screwed respectively on the ends of the pipes, one of said bushings being shorter than the distance between the end of the other bushing when screwed home and the end of the opposite pipe, and a sleeve longer than the distance between the pipes and screwed on to both of said bushings.

No. 59,475. Garment Support. (Support de vêtement.)



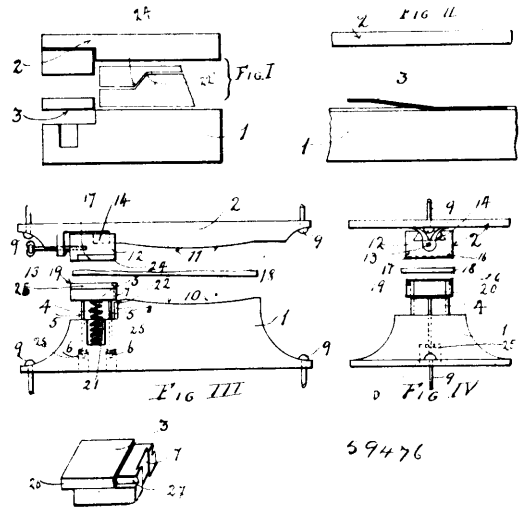
George McKnight, Toronto, Ontario, Canada, 1st April, 1898; 6 years. (Filed 7th March, 1898.)

Claim.—1st. A garment supporter embracing in its construction a stud, two arms connected to the stud and arranged to be attached to the corset, and a loop to be held by the stud, adapted to be attached to the waist-band of the skirt, substantially as specified. 2nd. A garment supporter embracing in its construction a stud, two arms pivotally connected to the stud, having hook-shaped ends to engage the eyelets of the corset, and a loop to be attached to the waist-band of the skirt and held by the stud, substantially as specified. 3rd. A garment supporter embracing in its construction a stud, two arms pivotally connected to the stud having hook-shaped ends to engage the eyelets of the corset, a washer mounted on the end of the shank of the stud to overlap the edge of the corset sections, and a loop to be attached to the waist-band of the skirt and held by the stud, substantially as specified. 4th. A garment supporter embracing in its construction a stud, two arms pivotally connected to the stud having hook-shaped ends to engage the eyelets of the corset, a washer mounted on the end of the shank of the stud to overlap the edge of the corset sections, a loop to be attached to the waist-band of the skirt and held by the stud, embracing in its construction a substantially rectangular-shaped body, having a projection provided with a slot, of a narrower width than the head of the stud, communicating with the slot through the body of the loop, substantially as specified.

No. 59,476. Sole Press for Boots and Shoes. (Presse à semelles pour chaussures.)

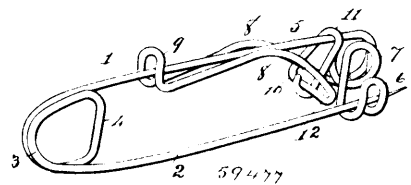
Joseph H. Pullerin, Montreal, Quebec, Canada, 1st April, 1898; 6 years. (Filed 7th September, 1897.)

Claim.—1st. A sole press for boots and shoes, comprising a matrix having a yielding and an unyielding portion, and a platen adapted



to contact with said matrix, the contact being made first between said platen and said yielding portion. 2nd. A sole press for boots and shoes, comprising a matrix, having a yielding and an unyielding portion, said yielding portion normally resting on a platen above said unyielding portion, and a platen adapted to contact with said matrix, the contact being made first between said platen and said yielding portion. 3rd. A sole press for boots and shoes, having a portion of its matrix unyielding and a portion yielding, the distance between the yielding portion and the platen being normally less than the distance between the unyielding portion and said platen, in combination with an unyielding platen having a block adjustably secured thereto over the yielding portion of the matrix, substantially as described. 4th. A sole press for boots and shoes, having a portion of its matrix unyielding, and a portion yielding, the top of the latter portion being provided with a removable plate whose surface is normally on a higher level than the top of the unyielding portion, in combination with an unyielding platen having a block adjustably secured thereto over the yielding portion of the matrix, substantially as described. 5th. A sole press for boots and shoes, comprising a matrix, a block slidably mounted at the rear end thereof, a heel block removably connected to said block and means for normally holding said heel block on a plane above the plane of said matrix, a platen adapted to contact with said matrix, a block adjustably connected to said platen at the rear end thereof, and a plate removably connected to said platen block, said plate and said heel block forming the initial contact between said platen and said matrix. 6th. A machine for shaping shoe soles, comprising a matrix, a platen, and means for varying the position of a portion of said platen whereby materials of various thickness may be shaped. 7th. In a machine for shaping shoe soles, the combination with a matrix, and a platen of interchangeable heel blocks adapted to be secured to said platen matrix, and interchangeable plates adapted to be secured to said platen, whereby the distance between the planes of said material may be varied.

No. 59,477. Safety-pin. (Epingle de sûreté.)



Willie E. Michael, Enterprise, West Virginia, U.S.A., 1st April, 1898; 6 years. (Filed 14th March, 1898.)

Claim.—1st. A safety-pin formed from a single piece of wire, and comprising a body portion, a pin proper, a keeper, a spring actuated arm having a lateral projection normally lying across the pin to hold the latter in its keeper, said projection being movable vertically and laterally out of the path of travel of the pin, substantially as described. 2nd. A wire safety-pin, comprising a body portion and a pin proper, a keeper formed at the forward end of the body portion, a coil located above said keeper, rearwardly extending arms leading from said coil, one of said arms being bent at its forward end to form a stop having a downwardly and outwardly inclined portion and a horizontally disposed portion extending across above