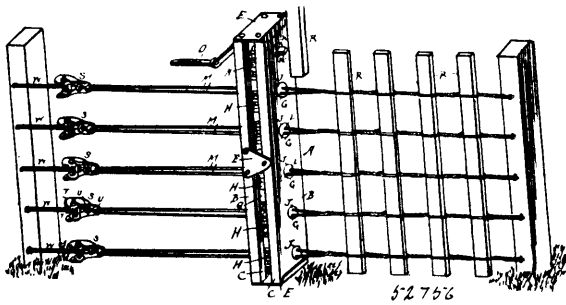


Claim.—1st. A detachable rubber heel tap adapted to fit heels of varying size having a divided breast, a raised flange terminating upon each side of said division, and a steel spring secured to said flange and adapted to grasp the sides and breast of the heel. 2nd. A detachable heel tap having a raised flange provided with a spring adapted to clamp the side, back and breast of a heel, and lugs adapted to press inwardly over the shank above the heel. 3rd. A detachable rubber heel tap having a raised flange, a divided breast, and an elastic band adapted to clamp the breast of a heel and provided with lugs adapted to press inwardly over the shank above the corners of said heel. 4th. The combination with a heel made of soft or yielding fabric, of a detachable heel tap formed of a rubber tube and a series of staples embracing said tube and driven through said heel, whereby said tube is compressed at intervals and presents a corrugated bearing surface, substantially as described.

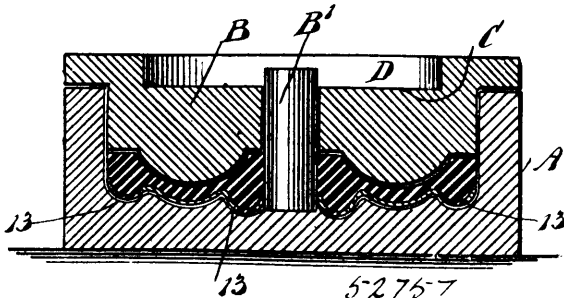
No. 52,756. Fence Machine. (Machine à cloture)



Ole P. Pierson, Sioux Falls, South Dakota, U.S.A., 25th June, 1896; 6 years. (Filed 27th May, 1896.)

Claim.—1st. In a fence wiring machine, an upright frame, the opposite parallel sides of which are provided with aligned bearing openings, a series of vertically aligned twisters arranged within the frame and having integral sprocket-wheels and oppositely projected hub portions journaled in the bearing openings of the frame sides, one of said hub portions lying flush in the bearing opening therefor, and the other opposite hub portion being provided with a tapered extremity K to project into the space leading to the contracted neck of a narrow picket, and all of the hubs of the twisters being provided with separate wire openings extending the entire length thereof and convergently disposed toward the tapered hub extremities, a suitable arranged drive sprocket-wheel, and a sprocket chain engaging the teeth of the several sprocket wheels, substantially as set forth. 2nd. In a fence wiring machine, the combination of the parallel frame sides having inwardly disposed guide and retaining flanges at their opposite inner edges, the sprocket-twister-wheels journaled between said frame sides, and the sprocket chain having its opposite parallel portions meshing with opposite sides of the several twister-wheels and adapted to have its side edges guided inside of the machine frame by said guide and retaining flanges, substantially as set forth. 3rd. The combination with a fence wiring machine having twister wheels provided with single pairs of wire openings; of a combined stretcher and tension device, comprising a body having notched bearing ears at one end, wire notches or openings at the inner ends or base of said ears, and tension posts arising from the body and adapted to receive the interlaced fence-wires, a ratchet drum journaled in said bearing ears and having at one end a ratchet flange, and a check dog adapted to engage said ratchet flange, said wire notches or openings being adapted to receive the free portions of the wires that are interlaced around said tension posts, substantially as set forth.

No. 52,757. Valve. (Soupape.)

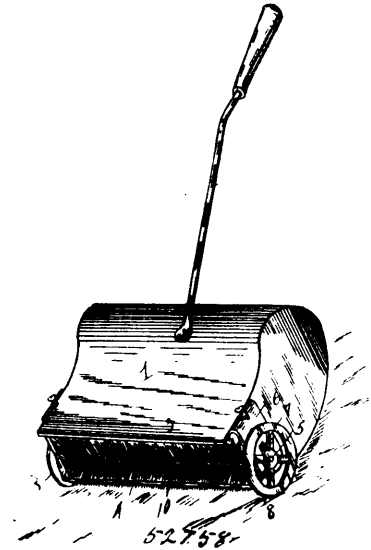


James Hewitt, Brooklyn New York, U.S.A., 25th June, 1896; 6 years. (Filed 4th June, 1896.)

Claim.—1st. As a new article of manufacture, a valve, comprising a metal back provided with a series of perforations, and a seating face on the lower face of the back and provided with projections entering the apertures of the back and keying the same to the back,

substantially as described. 2nd. As a new article of manufacture, a valve, comprising a metal back, provided with grooves on its under face, and with openings in said grooves of the back and provided with projections entering the apertures thereof, as and for the purpose set forth. 3rd. As a new article of manufacture, a valve, comprising a metal back provided with a central opening, a groove on its under side around said opening and an annular groove at the margin, and a seating face of yielding material provided with a central aperture, a central seating surface and a marginal seating surface, the said seating surfaces fitting in the grooves of the back and provided with projections entering the apertures of the grooves, substantially as specified.

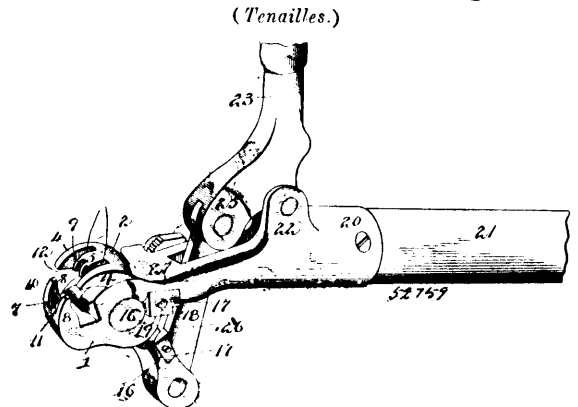
No. 52,758. Dust Gatherer. (Ramasse-poussière.)



Thomas H. Paris, Monon, Indiana, U.S.A., 25th June, 1896; 6 years. (Filed 4th June, 1896.)

Claim.—1st. The combination with the casing 1, open at its front and under side, of the shaft having its ends mounted in bearings adapted for vertical adjustment in the casing, the brush mounted on the shaft, wheels mounted upon the shaft at opposite ends, the plate 9 arranged within the casing and secured to the upper side thereof and extending downwardly into contact with the brush and having its lower edge serrated, and an arm 10 secured at the ends to the sides of the casing and projecting forwardly and across the brush adjacent thereto.

No. 52,759. Wire Crimping and Fastening Pliers. (Tenailles.)



John S. Williams, Jerseyville, Illinois, U.S.A., 25th June, 1896; 6 years. (Filed 4th June, 1896.)

Claim.—1st. The combination with the stationary jaw provided with the handle socket and slot as described, of the pivoted jaw, the operating lever therefor, and the pivotal connecting link interposed between said lever and the pivoted jaw and passing through the slot in the stationary jaw, substantially as described. 2nd. The combination with the pivoted jaws provided at corresponding sides with recesses, of the wire cutters arranged in said recesses, one of said cutters being formed with a notch for the point of the other cutter and being also provided with a rest or seat for the wire, substantially as described.