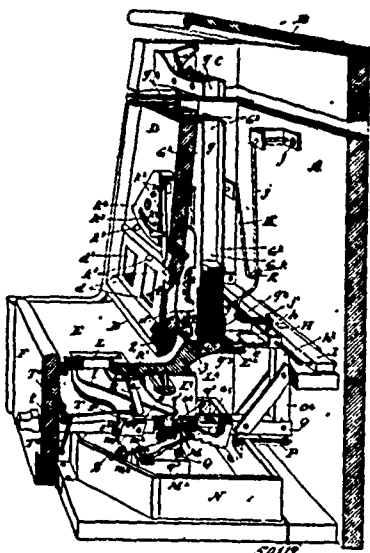
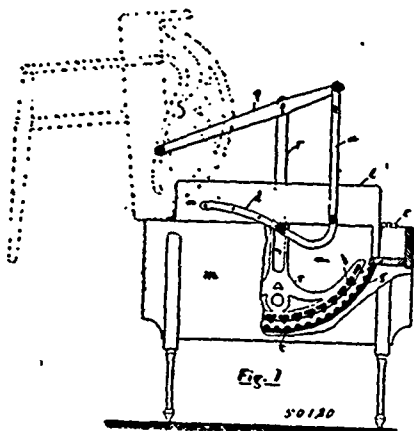


top of the plunger, and a supplemental arm through which the swinging arm passes, and means to the outside of the case for swing-



ing such supplemental arm, as and for the purpose specified. 3rd. In an automatic vending machine, the combination with the case suitably supported and provided with chutes with slots at their bottom ends, of a plunger H supported on a suitable base and on a guide-rod, a pivoted swinging arm having slotted connection to the top of the plunger, and a supplemental arm through which the swinging arm passes, and an index arm having a knob and segmental covering with a slot in which the knob is adjusted to desired points indicating the flavours, as and for the purpose specified. 4th. In an automatic vending machine, the combination with a gum case and the slots at the bottom end thereof for the ejection of the tablets, of a pivoted flap 2 elastically held in position by bands 4 before the discharge opening of the tablets, as and for the purpose specified. 5th. The combination with the gum case and ejecting plunger constructed and operated, as specified, of the cross-bar 1, upright O<sup>1</sup>, and single plunger O and the coin slot L, and means interposed between the coin slot and ejecting plunger for releasing the same and restoring it to its normal position, as and for the purpose specified. 6th. The combination with the gum case and ejecting plunger constructed and operated as specified, of the plunger O provided with a slot o<sup>1</sup>, the notch plate o, the lever M provided with an enlarged end m, the toothed rack S, arm T having a dog t<sup>1</sup>, a guide-plate s<sup>1</sup>, bent finger R, coin guide-way l, and slot L, all arranged as and for the purpose specified. 7th. The combination with the spring held plunger O, having the slot o<sup>1</sup>, with stop o<sup>2</sup>, and the notched plate o, of the pivoted lever M with broad ends m, and the finger Q with upper end q<sup>1</sup>, and lower end q<sup>2</sup>, arranged as and for the purpose specified.

**No. 50,120. Washing Machine. (Machine à laver.)**

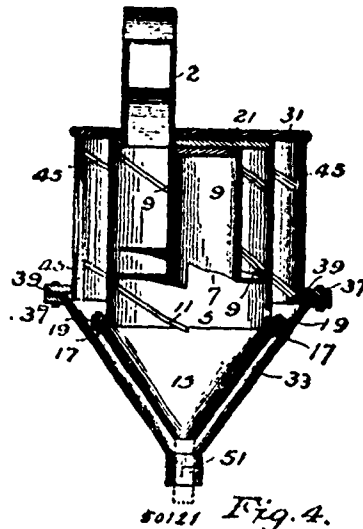


Charles Prast, Waterloo, Ontario, Canada, 1st October, 1895; 6 years

**Claim.**—1st. In a washing machine, the combination of the cover, rockers and levers, so that the cover when raised, carries with it the

rockers and levers, substantially as hereinbefore described. 2nd. In a washing machine, the combination of the handle, levers, a rocker having a ribbed or corrugated face to correspond with the bottom of the machine, and slotted arms to receive the shaft, upon which such rocker works, the bottom corrugated or ribbed to correspond with the shape and motion of the rocker, the bars connecting the levers with the sides of the cover, the shaft passing through the arms of the rocker and the cover, all substantially as hereinbefore set forth.

**No. 50,121. Dust Collector. (Aspirateur de poussière.)**



Henry L. Day, Minneapolis, Minnesota, U.S.A., 1st October, 1895; 6 years.

**Claim.**—1st. A dust collector comprising, in combination, a curved or spiral air conductor having an open end, a cylindrical expansion chamber, within which the open end of said conductor is arranged, said chamber being provided with an exit opening in its peripheral wall, and with a closed top and open lower end, and a hopper arranged below the open lower end of said chamber, substantially as described. 2nd. In a dust collector, the combination, with a curved or spiral inlet conductor, of an expansion chamber into which said inlet conductor opens, provided with a peripheral outlet opening and with a closed top, and a hopper arranged below said expansion chamber and receiving the dust from the bottom of said chamber, substantially as described. 3rd. In a dust collector, the combination, with a curved or spiral inlet conductor, of an expansion chamber into which said inlet conductor opens, said expansion chamber being provided with a closed top and open bottom and a peripheral outlet opening, a hopper arranged below said expansion chamber, and deflectors or skimmers arranged upon the inner surface of the outer wall of said conductor to direct the dust or fine material into said hopper, substantially as and for the purpose specified. 4th. The combination, with the air conductor, of an expansion chamber into which said conductor opens, said expansion chamber being provided with a peripheral opening and a separate dust discharge, and a second chamber arranged outside of said expansion chamber and provided with a peripheral outlet for the purified air, and with a dust discharge and forming an annular passage through which said air current passes, after leaving the expansion chamber, substantially as and for the purpose specified. 5th. The combination, with an air conductor, of an expansion chamber into which conductor opens, said expansion chamber being provided with a peripheral outlet opening and with a closed top, and a separate dust discharge, a hopper arranged below said expansion chamber, a second chamber arranged outside of and surrounding said expansion chamber and provided with a peripheral outlet, a closed top to said second chamber and a hopper arranged below said second chamber and receiving the dust therefrom, said top and hopper being removably connected to said expansion chamber, substantially as described. 6th. In a dust collector, the combination, of a separating chamber, said chamber being provided with an outlet for the dust and with a peripheral outlet for the air, skimmers or deflectors arranged on the inner wall of said chamber and a second chamber surrounding said separating chamber and receiving the air therefrom, said second chamber being provided with a dust discharge and an outlet for the air. 7th. The combination, with a suitable casing, of an expansion chamber 5, arranged therein, the spiral conductor 3, the pipe 2, connected thereto, said expansion chamber being provided with a peripheral opening 13, and a closed top 21, the hopper arranged beneath said chamber, a second expansion chamber 25, arranged outside of and concentric with said first named, said second chamber having a closed top 31, and a hopper 23, and both of said chambers being provided with skimmers or de-