of adjustable annular nuts, screw threaded upon either end of the inner sleeve, and also upon the ends of the bearing rollers, thus simplifying the construction and providing a suitable bearing for a heavy boxing. 5th. In a roller or ball bearing boxing, the combination of bearing rollers or bearing rollers with balls or rollers, applied between an inner and an outer sleeve in such form as to practically eliminate friction and adapted for use in any vehicle from a bicycle to the heaviest dray, and may also be applied to reapers, binders, etc. 6th. I claim for my bearing rollers and bearing rollers with rollers in conjunction, adaption for stationary boxings as well.

No. 69,223. Elastic Heel. *(Talon élastique.)*

Henry B. Haigh, New York City, New York, U.S.A., 5th November, 1900; 6 years. (Filed 13th October, 1900.)

Claim.—1st. A heel for shoes made of leather, provided with a recess in the lower surface of the heel, and a rubber piece fitting in said recess, but not completely filling the same, with the upper surface extending only slightly above the outer surface of the heel, with means for holding said rubber piece in place, substantially as described. 2nd. A heel for shoes, provided with a recess in the lower surface of the heel, and a rubber piece fitting in said recess, but not completely filling the same, with the upper surface of the rubber extending only slightly above the outer surface of the heel, and a tongue on the rubber piece extending between the top lift and heel, for holding the said rubber piece in place, substantially as described. 3rd. In a heel for shoes, a top lift therefor made of leather, provided with a slot wider within than at the surface, and and a rubber strip fitting in said slot, but not completely filling the the same, and means for retaining said strip within the slot, substantially as described. 4th. In a heel for shoes made of leather, the combination with the heel, of the top lift therefor provided with a slot having walls flaring inwardly, and a rubber strip fitting in said slot, but not completely filling the same, with the upper surface of the rubber extending only slightly above the outer surface of the top lift, and a tongue on the strip extending between the top lift and the heel, for retaining the strip in place, substantially as described.

No. 69,224. Can washing Machine.
(Machine à laver les bidons.)

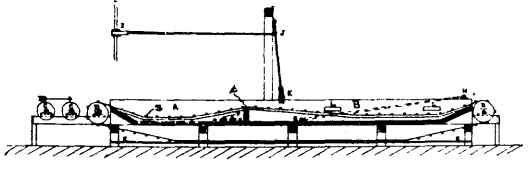


Fig. 1.

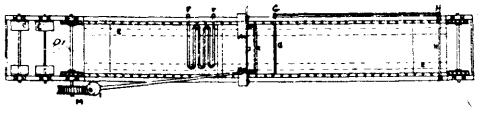
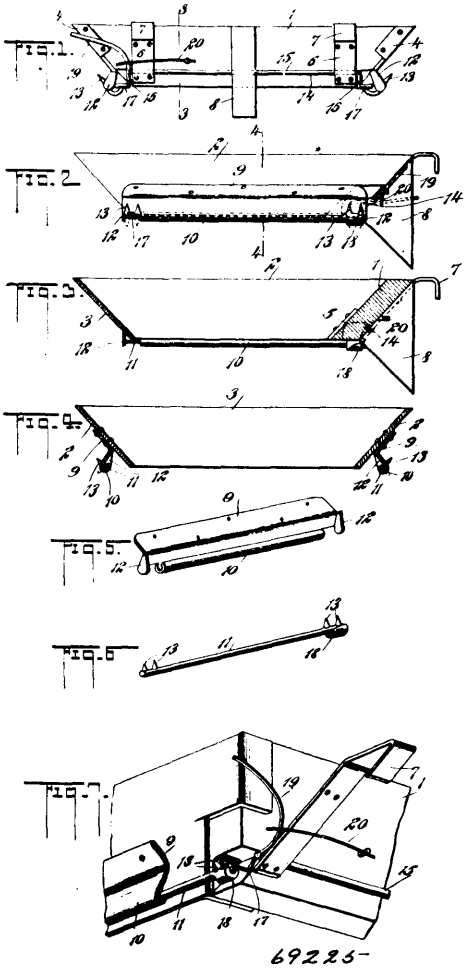


Fig. 2. 69224

Thomas James Cosens, New Westminister, British Columbia, Canada, 5th November, 1900; 6 years. (Filed 10th October, 1900.)

Claim. 1st. In a machine of the class described, a shallow trough or bath, a heating coil in the bottom of such, slack sprocket chains on each side of the inside of the bath joined with slats so as to form a conveyer, sprocket wheels at each end of the bath and means whereby a continuous motion may be imparted to such sprocket wheels and chains, receiving rollers at the entering end of such bath, a swinging tubular frame at the leaving end of the same, having a perforated lower cross member carrying a swab or brush that shall sweep the tops of the cans across the whole width of the bath and means whereby water may be admitted to such tubular frame and through it to the perforated lower member, and an eccentric and rod connected to the swinging frame whereby an oscillating motion may be imparted to such frame, all substantially as described. 2nd. In a machine of the class described, a long shallow trough or bath, a slack conveyer formed of sprocket chains on each side of the bath with slats between them, a cross pipe in the entering end of such bath below the chains, perforated on its upper side, a similar cross pipe above the level of the chains at the opposite end of the bath, perforated on its under side and means whereby water may be conveyed to such pipes, long shallow overflows in the sides of such bath, substantially as described. 3rd. In a machine of the class described, a long trough or bath divided by a cross partition into two parts, one smaller than the other, slack sprocket chains on each side of the inside of the bath passing over sprocket wheels at each extreme end thereof, the upper sides of which are above the level of the ends of and partition, slats connecting such chains so as to form a carrier or conveyer and means whereby continuous motion, through the smaller bath to the larger, may be imparted to such chains, heating coil in the bottom of the smaller division, a cross pipe perforated on its upper side in the end of the larger bath near the partition below the level of the chains, a similar pipe perforated on its underside at the other end of the same bath above the level of the chains, long shallow overflows in the sides of the same bath just below the level of the partition, a swinging tubular frame, having a perforated lower cross member and means whereby water maybe admited to such, suitably suspended over the entering end of the second bath, at its lower end a swab or brush which will sweep the tops of the cans when on the conveyer chains, means whereby an oscillating motion may be imparted to such frame, and receiving rollers at the entering end, all substantially as described.

No. 69,225. Sack-holder. *(Porte-sac.)*



Frank Herman Gilbert, Ridgefield, Washington, U.S.A., 5th November, 1900; 6 years. (Filed 2nd October, 1900.)