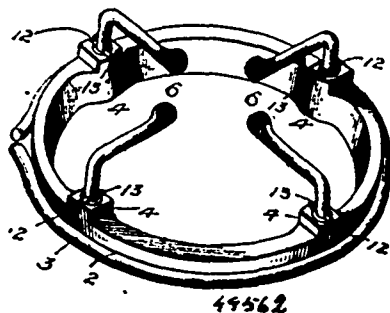


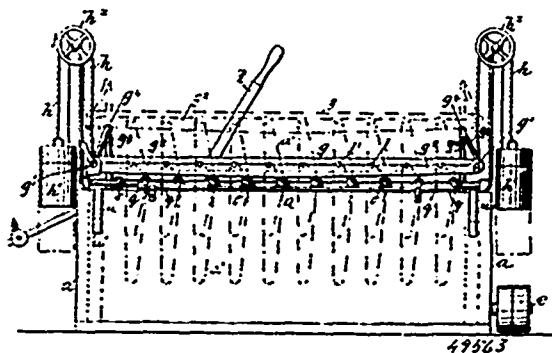
said frame, and a series of pivoted and swinging fingers adapted to hold the surplus material of the article being darned, out of the



way, substantially as described. 3rd. In a darning device, an open frame provided with a groove extending around the outer face thereof, in combination with a clamping ring adapted to rest within said groove and hold the material stretched across the open centre of the frame, substantially as and for the purpose specified. 4th. The combination with a darning frame, circular, oval or octagonal in shape, of four or more revolvable fingers pivotally mounted in said frame and held in predetermined positions by spiral springs encircling the lower ends or shanks of said fingers and arranged within sockets in said frame, said fingers having each a pin or projection just above the upper surface of said frame, said pin or projection being adapted to engage a groove or slot in the frame and to be held in position when extended outward or inward, substantially as described.

No. 49,563. Machine for Washing Yarn, etc.

(Machine à laver, etc.)



Samuel Spencer, Joseph Spencer Lord, and George Spencer Lord, all of Whitefield, England, 25th July, 1895; 6 years.

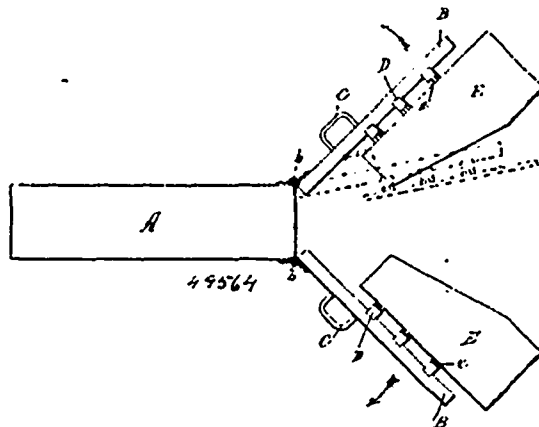
Claim.—1st. In combination with a hank frame adapted to be raised and lowered by crank studs or bowls, the employment of right and left hand threaded worms *d* in pairs in connection with correspondingly toothed worm-wheels *e*, carrying the said crank studs or bowls, in such a manner that the latter will revolve in opposite directions, substantially as and for the purpose set forth. 2nd. In combination with a raising and falling hank frame carrying rods *l*, laterally movable rods *a* adapted to impart a partial turn to the hanks, substantially as and for the purpose set forth. 3rd. In combination with laterally movable rods *g*, a corresponding number of stationary rods *r* between which the hanks are nipped so as to have imparted a second partial turn during the rise of the hank frame, substantially as and for the purpose set forth. 4th. The rod rail *n* adapted to partially turn in its bearing so as to enable to raise the front end of the rods *o*, all substantially as and for the purpose set forth.

No. 49,564. Swimming Appliance. (Appareil à nager.)

Jules Marie Turcotte, Quebec City, Quebec, Canada, 25th July, 1895; 6 years.

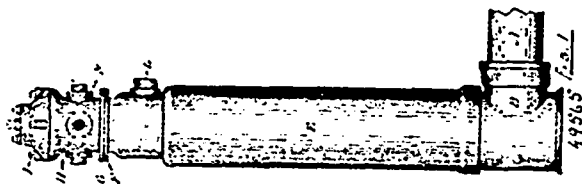
Claim.—1st. In swimming appliances, the combination with the body piece, of the limbs pivotally connected to the lower end thereof and provided with loops for the feet of the swimmer, and the feathering paddles carried by the said limbs, substantially as set forth. 2nd. In swimming appliances, the combination, with the body piece,

of the limbs pivotally connected to the lower end thereof and provided with loops for the feet of the swimmer, the vertical cross-pieces



secured to the said limbs, and the paddles having their upper edges pivoted to the upper ends of the said cross-pieces above the said limbs, substantially as set forth.

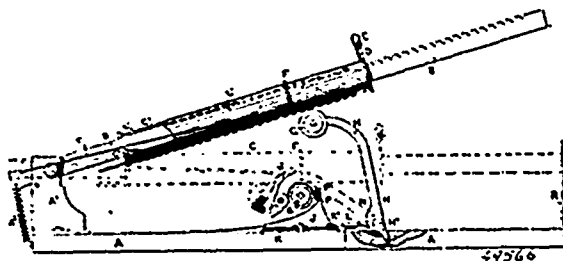
No. 49,565. Hydrants. (Borne-fontains.)



Edward Lyman Perkins, Ottawa, Ontario, Canada, 25th July, 1895; 6 years.

Claim.—1st. In a hydrant the cylindrical form of the body herein shown, in which the sectional area of the top end of the body is equal to that of its lower end above the foot valve seat. 2nd. A hydrant, in which the hose nozzles are provided with a flange fitted to lie closely against the interior face of the hydrant head, and a nut screwed on the outward projecting part of the nozzle against the exterior face of the head, and hold the nozzle rigidly in place. 3rd. A hydrant in which the head or top portion which contains the hose nozzles is made separated from the main pipe or body of the hydrant, and secured to said body by bolts passing through flanges formed on both parts. 4th. A hydrant in which the main or foot-valve is made in two sections, one working within the other, the smaller section fixed to the valve rod, and the larger section sliding freely on said rod, substantially as herein shown and described. 5th. The combination, in a hydrant having a cylindrical body of the nozzles *K* having the flanges *M*, and nuts *N*, the cross-head *W*, a foot valve composed of the two sections *S* and *T*, and a valve rod having a collar *a*¹, all substantially as herein shown and described.

No. 49,566. Type-Writing Machine. (Clavigraphie.)



Edward Augustus Jeffreys, and William Edwards, both of Hatton Garden, London, England, 25th July, 1895; 6 years.

Claim.—1st. In a type-writing machine, a cylinder having indicating letters or characters arranged on its upper surface and type on