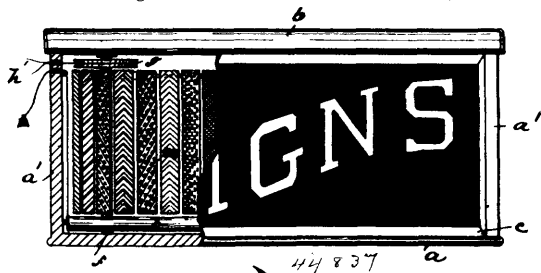
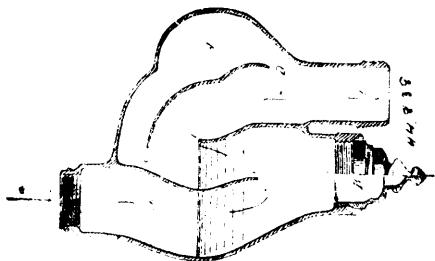


plates, pieces of glass of various colours placed in said tubes, and means for revolving said tubes. 3rd. An illuminating sign consist-



ing of a box, opaque sign plates secured thereto, and provided with blank letter spaces, a transparent background arranged between said sign plates, means for revolving said background, and a movable opaque background arranged between the transparent background and the sign plates. 4th. An illuminating sign consisting of a box, opaque sign plates secured thereto, and provided with blank spaces, a series of tubes adapted to be revolved between said sign plates, means for revolving said series of tubes, and a curtain or shade arranged between said tubes and sign plates, and adapted when operated to give a plain background to the letters on the sign plates, substantially as described and for the purposes set forth.

No. 44,838. Syphon. (Siphon.)

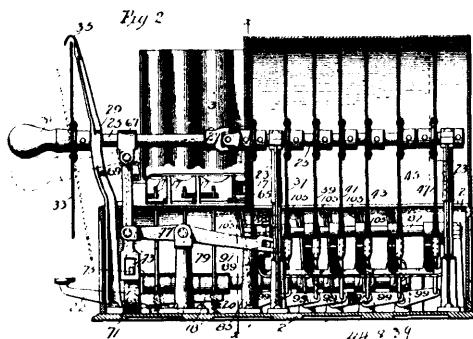


Théophile Lessard, Montreal, Quebec, Canada, 6th December, 1893; 6 years.

Résumé.—La combinaison d'un siphon profond, d'un bouchon également profond B, et d'une chambre à air A, tels que ci-dessus décrits et pour les indications.

No. 44,839. Change Maker.

(Appareil pour changer la monnaie.)



Charles Leslie, Travis, Minneapolis, Minnesota, U.S.A., 7th December, 1893; 6 years.

Claim.—1st. The combination in a change maker, of a series of coin receptacles, a series of slides for ejecting the coins therefrom, means for operating said slides, a series of covering discs, each of said discs controlling the movement of the slide or slides from one receptacle, and means for setting said discs so as to cause any desired combination of slides to be operated, substantially as described. 2nd. The combination in a change maker, with a series of coin receptacles, a series of slides therefor, operating levers for moving said slides, means for operating said levers, a series of governing discs controlling the engagement of said levers with said slides, and means for setting said discs to cause any desired combination of slides to be operated, substantially as described. 3rd. In a change maker, the combination with a rotary shaft provided with a series of governing discs, a series of coin receptacles, slides for said receptacles, each disc controlling the movement of the slide or slides for one receptacle, and means controlled by said discs for operating

said slides, substantially as described. 4th. The combination in a change maker, of a series of coin receptacles, coin ejecting slides therefor, operating levers for moving said slides, means for moving said levers, and a series of governing discs for causing one or more of said levers to engage said slides, substantially as described. 5th. The combination in a change maker, with a series of coin receptacles, of slides for ejecting coins therefrom, operating levers, means for operating said levers, and governing discs for causing the levers of the slides that are to be moved to be brought into engagement with the slides, and those of the slides that are not to be moved to be held out of engagement therewith, substantially as described. 6th. In a change maker, the combination with a series of coin receptacles, and a series of slides therefor, a series of operating levers, means for simultaneously moving all of said levers, and a series of governing discs and connecting means for engaging one or more of said levers with the corresponding slide or slides, substantially as described. 7th. The combination in a change maker, of a series of coin receptacles, a series of slides therefor, a rotary shaft provided with a governing disc for the slide or slides of each receptacle, and with an indicating dial, operating means connecting said shaft with said slides, and governing devices between said discs and said slides, substantially as described. 8th. The combination with a series of coin receptacles, the slides therefor, a rotary shaft provided with a series of governing discs, a series of levers for operating said slides, means connected with said discs for governing the position of said levers, and means for simultaneously moving all of said discs, substantially as described. 9th. The combination with a coin receptacle 3, and slides 11, provided with the L-shaped slot, the operating lever 17 engaging said slide in said slot, means for giving a longitudinal movement to said lever, and means for giving a lateral movement to said lever to cause it when desired to move into the short part of the slot and thereby cause said slide to move with it in its longitudinal movement, substantially as described. 10th. The combination, with the coin receptacles 3 and the coin ejecting slide 11, provided with the L shaped slot, of the lever 17 projecting into said slot and capable of both a longitudinal and lateral movement to bring it into the short part of the slot, and means for giving a longitudinal movement to the lever, whereby, when the lever moves in the long part of the slot the slide remains stationary, and when the lever is in the short part of the slot the slide moves with it, substantially as described. 11th. The combination, with the coin receptacle 3 and the slide 11, of the operating lever 17 adapted to move without engaging said slide, or to engage said slide and move it with it, a governing disc connected with said lever so as to govern its engagement with said slide, and means for operating said lever, substantially as described. 12th. The combination, with the coin receptacles, provided with a series of slides 11 having L-shaped slots therein, the operating levers 17 projecting into said slots, a rotary shaft consisting of two parts joined together, one of said parts being capable of downward movement in addition to its rotary movement, a series of governing discs mounted upon the stationary part of said shaft, an indicating dial mounted upon said movable part, means connecting said discs with said levers 17 for causing said levers to be simultaneously moved when said shaft is depressed, substantially as described. 13th. The combination, with the coin slides and the operating levers, of the series of governing discs provided with recesses or notches in their peripheries, means for giving said levers 17 a lateral movement, and means for giving said levers a longitudinal movement, the lateral movement of said levers being governed by said discs, substantially as described. 14th. The combination, with the coin receptacles provided with a suitable slide, of the operating lever 17 secured upon the rock shaft 19 and capable of a lateral and a longitudinal movement, a governing disc provided with one or more recesses in its periphery, means for turning said shaft 19, and means governed by said disc for giving a lateral movement to said lever 17, substantially as described. 15th. The combination, with the coin slide, of the operating lever 17, arranged to move longitudinally and laterally in respect to said slide, the rock shaft 19 for imparting a longitudinal movement to said slide, the lever 93, means for moving said lever into engagement with the periphery of said disc, and means connecting said lever with said lever 17, for the purpose set forth. 16th. The combination, with the coin slide and its operating lever 17, of the governing disc, the lever 93 arranged to engage the periphery of said disc and have its movement limited thereby, the yoke 89 provided with a rod passing through a loop on said lever, the spring 113 engaging said lever and said yoke, the bail 103 engaging the lever 17 and a connection between said lever 93 and said bail, for the purpose set forth. 17th. The combination, with a coin receptacle, of two or more slides 11 connected therewith and provided with L-shaped slots, the long part of said slots being successively withdrawn in the upper slides, an operating lever projecting into said slot and capable of moving laterally and longitudinally in respect to the slide, and means governing the lateral movement of the slide, whereby it is caused to move without moving either slide or to move one or more of the slides as may be desired, substantially as described. 18th. The combination, with the ledge or plate 6, of the series of coin receptacles 3, having open fronts and arranged upon said plate, so as to cause the coins resting thereon to partially project over the front edge of the ledge, whereby the coins may be removed by grasping the upper and lower coins, substantially as described. 19th. The combination, with the coin receptacle 3, of the slide 11, provided with the guard 13, projecting partially around the front end of the