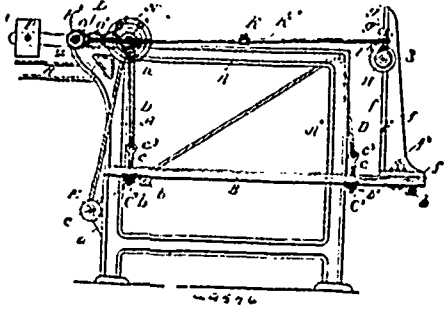
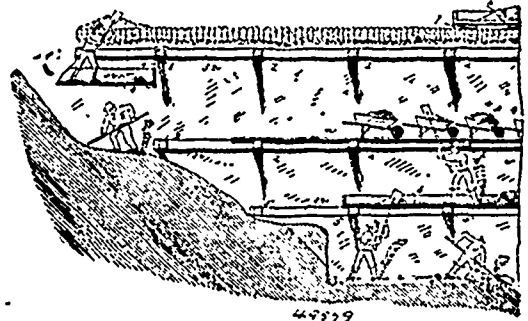


comprising a table to receive a quantity of sheets of paper or similar material, two or more rollers driven positively at a uniform speed



and terminating in a valve controlled head which directs the volatilized gasoline downwards, and a flue in said cover extending vertically down into said deflector in which it ignites and by which it is spread directly against said base-plate. 2nd. The combination in a self-heating sad-iron, of a base-plate, and an inverted saucer-shaped deflector having an opening in its top and secured directly to but elevated slightly above said base-plate, with a hollow cover fitting over and removably secured to said base-plate, and having its upper interior surface protected by a suitable insulating material, a gasoline tank supported by and having pipes extending therefrom into said cover and passing up therethrough to and terminating in a hand controlled head which directs the volatilized gasoline downwards, and a flue in said cover extending vertically down to and discharging the said volatilized gasoline down into said deflector in which it ignites and by which it is directly against said base-plate.

**No. 49,579. System of Excavating and Refilling Trenches. (Système de creuser et remplir les fossés.)**



Bernard J. Coyle, Washington, Columbia, U.S.A., 1st August, 1895; 6 years.

*Claim.* 1st. The method of excavating, constructing and refilling trenches, which consists in excavating a desired length to the bottom in advance, constructing the sewer or other structure, and conveying the material thereafter excavated upon ways within the excavation, and below the ground surface to the rear, and refilling with it upon the constructed work, as set forth. 2nd. In a system of underground excavating and refilling, the combination with the beams located across the trench at its surface, of the dependent tray suspended therefrom, within the trench, substantially as specified. 3rd. In a system of excavating and refilling trenches, the combination with the elevated timbers, firmly secured against the sides or suspended from above, of the way of track supported thereon, substantially as specified. 4th. A system of bracing open trenches, consisting of a series of horizontal stringers or timbers, placed along the same, with cross beams firmly driven and secured to them, thus supporting the sides without vertical planks or sheathing boards, as set forth. 5th. The combination with the cross beams and horizontal stringers which brace the sides of the trench, of the ways and, the tray located below the same, whereby the earth from the lower portion of the trench may be elevated and conveyed to the point of deposit, substantially as specified. 6th. In a system of excavating and refilling, the combination with the beams arranged across the trench in which the operations of excavating and refilling are being conducted of the platform whereon the concrete is prepared, and the chute, whereby it is delivered to the trench below, substantially as specified.

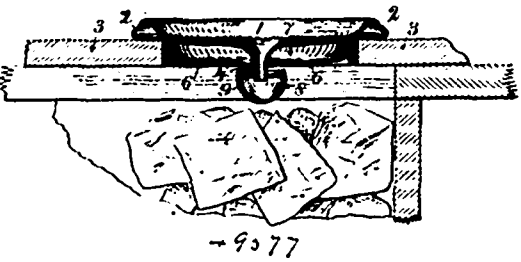
**No. 49,580. Fare Box. (Boîte à billets.)**

John Maitland Smith, Toronto, Ontario, Canada, 1st August, 1895; 6 years.

*Claim.*—1st. In a fare box, the combination with a plunger having a lateral projection, of a spring hammer having the end extending normally in the path of the projection on the plunger and a bell located opposite the hammer, as and for the purpose specified. 2nd. In a fare box, the combination with the receiving flaps, of means connected to the plunger for opening and closing the flaps, as and for the purpose specified. 3rd. The combination, with the receiving flaps pivoted at their upper edges, as specified, and having pins extending outwardly from one end of their lower ends, of a spring held plunger having a limited movement and an arm provided with a downwardly extending fork with broad V-shaped notches arranged, as shown and for the purpose specified. 4th. In a fare box, in combination with the receiving flaps, of a receiving slot in the top of the box located obliquely to the edges thereof, as and for the purpose specified. 5th. In a fare box, the combination with the receiving slot, of a closing plate suitably supported and means for throwing it from beneath the receiving slot, as and for the purpose specified. 6th. In a fare box, the combination with the receiving slot, of a closing plate suitably supported and means connected to the plunger for throwing the plate from beneath the slot upon the downward depression of the plunger and restoring it to its normal position upon the plunger springing upwardly, as and for the purpose specified.

and supported to move freely and independently upon the paper in different planes of rotation, substantially as described. 3rd. A paper feeding machine comprising a table to support separate sheets of paper or similar material, two or more rollers driven uniformly and supported upon arms having independently adjustable pressure attachments to act with greater or less force upon the paper by either roller, substantially as described. 4th. A paper feeding machine comprising a vertically adjustable table to support a quantity of sheets of paper or similar material, a swinging rubber roller at the forward end, and a gravity paper holder at the rear end to rest upon feed and hold the paper and follow the irregular vertical adjustment of the table, substantially as described. 5th. A paper feeding machine comprising a frame, a vertically adjustable table, cords extending over rollers to each corner of the table and over a winding shaft and pulleys to elevate the table, adjustable connections between the cords and corners of the table, and friction feed rollers upon the frame of the machine, substantially as described. 6th. A paper feeding machine comprising a vertically adjustable table to support a quantity of sheets of paper, a revolving paper roller at the forward end of the frame, and an adjustable guide standard carrying a gravity paper holder at the rear end of the table, substantially as described.

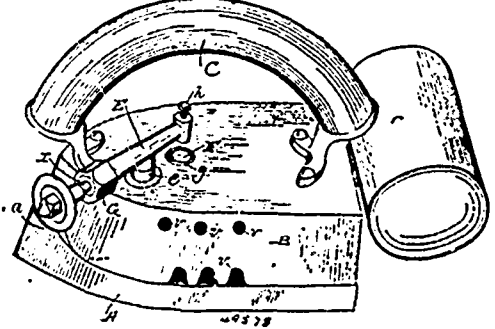
**No. 49,577. Drinking Fount. (Fontaine)**



Benjamin Fletcher, Toronto, Ontario, Canada, 1st August, 1895; 6 years.

*Claim.*—In drinking founts, a drip pan having an upper and a lower bottom forming a chamber between and through which an outlet from above the upper bottom is provided, and having a trap bowl on the lower end of said outlet beneath the lower bottom, substantially as shown and described.

**No. 49,578. Sad-Iron. (Fer à repasser.)**



Charles M. Coates and Charles E. Corlett, both of Aurora, Illinois, U.S.A., 1st August, 1895; 6 years.

*Claim.* 1st. The combination in a self heating sad iron of a base-plate, and an inverted saucer-shaped deflector, with a hollow cover fitted over and removably secured to said base plate, a gasoline tank supported by and having pipes extending therefrom into said cover