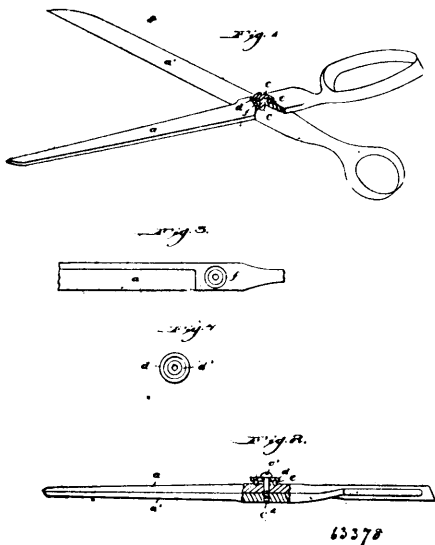
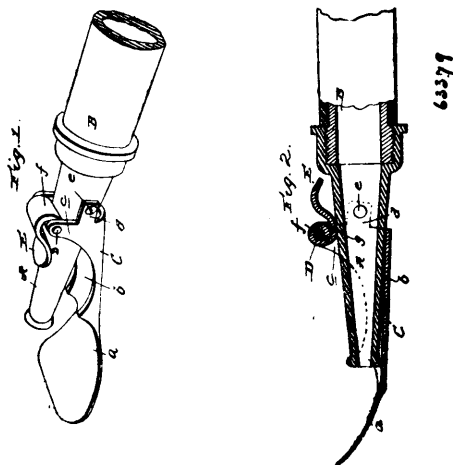


which the two halves are secured together, the washer carried by said screw, said washer and the shear half *a*, provided with circum-



ferential grooves surrounding the pivotal screw, and forming a ball race for the balls which are interposed in said grooves and rest between the washer and the shear half *a*, substantially as shown and described.

**No. 63,379. Spray Device.** (*Appareil à jet d'eau.*)

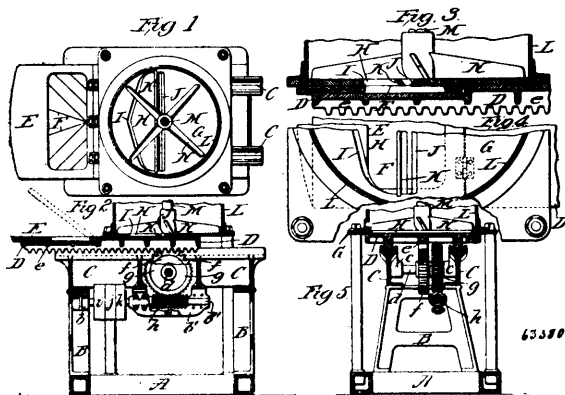


Richard Orford, St. Joseph, Michigan U.S.A., 30th June, 1899; 6 years. (Filed 20th February, 1899.)

*Claim.*—1st. The combination of a nozzle, a spray attachment pivotally connected to the nozzle and having ears disposed at opposite sides of the same, and eccentric lever arranged between and connected with the ears and adapted to bear against the nozzle, substantially as specified. 2nd. The combination of a nozzle, a spray attachment comprising a broad and inclined forward portion and a concave shank arranged to receive the nozzle and having ears disposed at opposite sides of the nozzle and rearwardly extending lugs on said ears pivotally connected to the nozzle, and an eccentric lever arranged between and connected with the ears and adapted to bear against the nozzle, substantially as specified. 3rd. The combination of a nozzle, a spray attachment formed of a single piece of sheet metal and comprising a broad and inclined forward portion and a concavo-convex shank arranged to receive the nozzle and having ears disposed at opposite sides of the nozzle and rearwardly extending lugs on said ears, rivets pivotally connecting the lugs to the opposite sides of the nozzle, a pintle disposed transversely and secured in the ears of the attachment, and the eccentric lever having the eye or barrel receiving the pintle and the eccentric portion adapted to bear on the nozzle, substantially as specified.

**No. 63,380. Linseed Cake Forming Machine.**

(*Machine à faire des gâteaux de graine de lin.*)

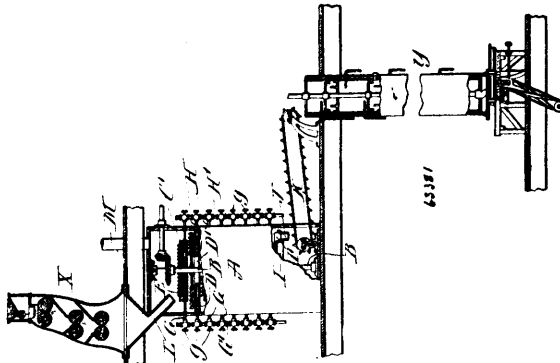


Alexander Euston, St. Louis, Missouri, U.S.A., 30th June, 1899; 6 years. (Filed 13th January, 1899.)

*Claim.*—1st. The combination with a heater or tempering kettle, of a mould frame, and distributing devices extending across the mould opening in said frame, substantially as described. 2nd. The combination with a heater or tempering kettle formed with an opening through which the seeds are forced, of a mould frame adapted to be moved passed said opening, and wires arranged across the mould opening in said frame, substantially as described. 3rd. The combination with a heater or tempering kettle formed with an opening, of a mould frame adapted to be moved past said opening to receive a charge of seeds in its opening, and wires across said mould opening, said wires being arranged at an angle to the movement of the mould frame, substantially as described. 4th. The combination with a heater or tempering kettle formed with an opening in its bottom, of a table operating under said opening, a mould frame carried by said table, distributing devices arranged across the opening in said mould frame, and means for reciprocating said table and its carried mould frame, substantially as described. 5th. The combination with a heater or tempering kettle, of a bottom therefor formed with an opening having bevelled edges, a knife bar arranged across said opening, and a mould frame adapted to co-operate with said opening, substantially as described. 6th. The combination with a heater or tempering kettle, of a bottom plate therefor, which bottom plate is formed with an opening having bevelled edges, a knife bar arranged across said opening, flights arranged above said bottom plate, a reciprocating table carrying a mould frame, and means for reciprocating said table, substantially as described. 7th. The combination with a heater or tempering kettle, of a bottom plate therefor formed with an opening having bevelled edges, flights operating above said opening, a reciprocating table operating beneath said bottom plate, means for reciprocating said table, a mould frame carried by said table, and distributing devices arranged at the upper edges of the mould opening in said mould frame, substantially as described. 8th. The herein described apparatus for forming linseed cake, the same comprising the following elements in combination: a heater or tempering kettle for the seeds, which is formed with a discharge opening in its bottom, angled flights arranged within the heater and above said discharge opening for forcing the seeds therethrough, a table, means for reciprocating said table, and an open frame which is hinged to the table.

**No. 63,381. Treatment of Oleaginous Seeds.**

(*Traitement de graines oléagineuses.*)



Alexander Euston, St. Louis, Missouri, U.S.A., 30th June, 1899; 6 years. (Filed 13th January, 1899.)