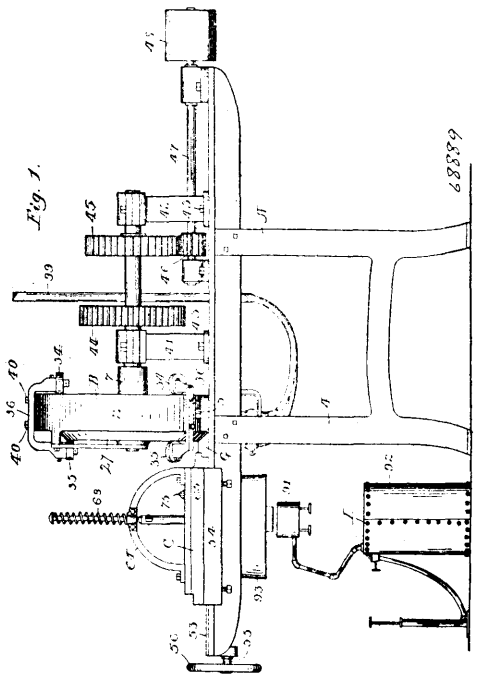
said ingate, said dam and ingate being separable from said frame an ejector having an inclined face passing out of said mould cavity,



and means for continuously revolving said frame. 3rd. A casting machine, consisting of a frame suitably journalled having an annular mould cavity, positioned broad side toward the centre of said frame and within the same, an ingate registering with said cavity at its edge, a notched dam adjoining said ingate and positioned in said cavity, said ingate and dam being mounted on a movable and independent frame, an ejector having an inclined face in said cavity and the driving mechanism for revolving said frame, as shown and for the purposes specified. 4th. The combination of a frame, having a mould cavity E and consisting of plates independently journalled upon a supporting frame and provided with mould faces and so combined and arranged as to form said mould cavity, of guides for holding said plates longitudinally, drive mechanism for revolving said plates, a crucible having an ingate registering with said cavity, a notched dam adjacent to said ingate and positioned in said cavity, a stationary ejector H, a heater for said crucible and means for injecting the molten metal into said cavity, said ingate and dam being movable upon a stationary frame, as shown and for the purposes specified. 5th. A strip metal casting machine, consisting of a crucible, a heater for the same, an ingate block, a dam and an injector, arranged in combination with a mould frame, having an annular mould cavity within and positioned edgewise toward the front and back of said frame, said cavity being of tapering thickness lengthwise, an ejector in said cavity and the drive mechanism for said frame, said ingate block and dam being so arranged as respectively to register with and intercept said cavity at its place of least thickness, as shown and for the purposes specified. 6th. A mould frame D, forming a mould cavity, mechanism for adjusting said frame so as to vary the size of said cavity, an ejector arranged in the cavity and means for driving said frame, in combination with a crucible having a heater for the same, an injector adjoining the mould cavity, an ingate and a dam, said ingate and dam being movably mounted upon a stationary frame, and adjacent to said mould cavity. 7th. A frame having a tapering mould cavity therein, consisting of rotary discs, having mould faces and means for adjusting said mould faces for varying the thickness of the mould cavity, the adjustable guides for holding the plates longitudinally in position, consisting of rollers journalled upon eccentric bolts, the fixed ejector, and driving mechanism for revolving said frame, and an ingate mounted upon a movable crucible, having a heater, said ingate having a notched dam passing across said mould cavity, as shown and for the purposes specified. 8th. A casting machine, consisting of a revolving mould frame, a crucible movably mounted on parallel guides longitudinally positioned with reference to said frame, an annular mould in said frame, an ingate carried by said crucible adapted to register with the mould in said frame, and means for continuously revolving said mould frame and heating the crucible, substantially as described. 9th. An apparatus, consisting in combination of a mould frame, journalled upon a support, an annular mould cavity in said frame, means for adjusting said frame so as to vary the size of the mould cavity, means for revolving said mould frame, means for injecting the molten metal into said mould and means for ejecting the cast strip from the same, for the purposes specified. 10th. A casting machine, consisting of a mould frame, journalled upon a support, and having a mould groove, a crucible movable upon parallel guides toward said frame, a valve controlled ingate, carried by said crucible so as to register with said groove, a blade like ejector passing into the mould groove, positioned upon and carried by a fixed support so to eject the cast strip from the groove, the driving means for said frame, and the heater for the crucible, as shown and for the purposes specified. 11th. The combination with a number of adjacent discs, having means for revolving the same, a valve controlled ingate block, a dam and an ejector, said parts arranged to form a mould groove, of longitudinal guide bars, a crucible carrying said ingate block and dam, movable upon said bars, means for moving said crucible, a pump connected with said crucible and passages leading from said pump and crucible to said ingate block, as shown and for the purposes specified. 12th. The combination in a strip metal casting machine, of a number of discs fastened together and journalled upon a stationary frame, each having an adjoining mould face, driving means and adjusting mechanism for varying the thickness of the mould, an ejector fixed upon said frame and passing into said mould, a pair of guide bars, directed longitudinally toward said discs, a crucible movable upon said guide bars, carrying an ingate block and a stop, which project so as to register with and dam said mould groove when the crucible is forward, a heater for said crucible and a pump for projecting the molten metal from the crucible into the mould, said discs, dam, ingate block and ejector being so arranged as to form a segmental mould, as shown, and for the purposes specified. 13th. In a strip metal casting machine, the combination with the carrying bars of a vertical disc like frame, journalled upon a support, and having an annular mould groove within, drive mechanism for said frame, an ejector passing into said groove, carried by said journal support, a crucible movable upon said bars having an ingate block and stop registering with and damming said mould groove when the crucible is forward, mechanism by which the crucible is moved, a pump having passages connecting said crucible with said ingate block and a heater adjoining said crucible, for the purposes specified. 14th. The combination with the frame, composed of discs journalled together and enclosing an annular groove, a segment of which is open, of a movable valve controlled ingate transverse to said groove, an ejector having a tapering edge intercepting said groove at said opening, a stop, damming said groove adjacent to said ingate, and means for supporting and revolving said frame, for the purposes specified. 15th. A casting machine, consisting in combination of a revoluble frame enclosing a mould cavity, a transverse gate registering with said cavity and a notched dam carried by said gate, for the purposes specified. 16th. An apparatus, consisting of three or more adjoining discs, journalled upon a stationary frame and having mould faces so arranged as to form a concentric mould groove, means for rotating said discs, the crucible having an ingate which registers with said mould groove and an ejector, as shown, and for the purposes specified. 17th. A casting machine, consisting of three or more disc like plates, journalled upon a stationary frame and having adjoining mould faces so arranged as to form a mould cavity, means for revolving said plates, a relatively fixed ejector, and an ingate, as shown, and for the purposes specified. 18th. A strip metal casting machine, consisting of an annular mould journalled upon a frame, an ingate for receiving the molten metal into the mould, and an ejector for ejecting the cast strip out of the mould, in combination with an adjustable mould frame, composed of adjoining disc like plates concentrically journalled and having adjusting mechanism, and means for revolving the mould frame, as shown, and for the purposes specified. 19th. In an apparatus for casting metal into strips, the combination of an annular mould E, having an opening K, the crucible F, an ingate 77, registering with said mould and connecting with said crucible, a valve 78, controlling said ingate, the operating means for rotating said mould, and the ejector H, having the inclined edge 89 in said mould for guiding or ejecting the cast strip from the mould. 20th. The combination of a revoluble frame D, having an annular groove or mould, of the means for rotating said frame, the heater I, the crucible F, the ingate 77 leading from said crucible and registering with said groove or mould, the valve for opening and closing said ingate, the stop 83, means for heating said stop, and the fixed ejector H, having a tapering edge in said mould for guiding and ejecting the cast strip, for the purposes specified. 21st. A casting machine, consisting of a rotary mould frame, composed of vertical discs longitudinally adjacent and journalled together, having faces so arranged as to form a mould groove, an ingate entering the side of the mould groove, a passageway leading out of said mould groove, and an ejector positioned in said passageway, for the purposes specified. 22nd. The combination with a mould, supported by and journalled to a stationary frame, having an annular mould groove therein, of a movable crucible having an ingate adapted to register with said mould groove, means for forcing molten metal from said crucible into the side of said mould, heaters adjoining said crucible, ingate and mould, an ejector, said mould having a suitable passageway for the solidified product in which said ejector is located, and means for revolving said mould, for the purposes specified. 23rd. A casting machine, consisting of a frame of discs 6, 19 and 27, so arranged as to form the mould cavity E, having a place of egress K, for the cast strip and increasing in thickness toward said place from the place of