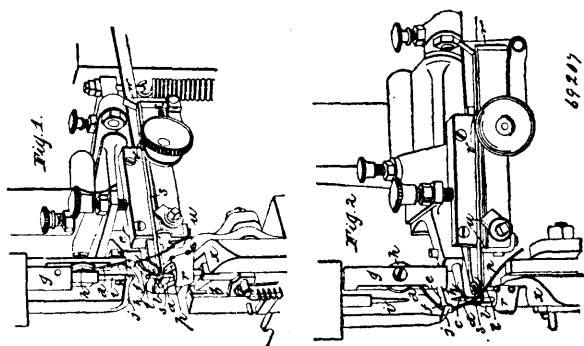


drum on the arbour of the indicator arrow, such cord extending over suitable pulleys, the coin tube leading from the interior of the upper casing down to a suitable coin receptacle, the walking beam pivoted in a suitable bracket, the bead on the cord with which one end of the walking beam is designed to come in contact, the coin receiving tube at the opposite end of the walking beam and a suitable bottom for same designed to temporarily receive the coin, as and for the purpose specified. 3rd. The combination with the casing and dial plate in the front thereof and arbour and indicating arrow secured thereto and the drum and helical spring designed to actuate the arbour, so as to cause the said arrow to rotate in one direction, of the bellows suitably secured in the bottom of the casing, the tube leading upwardly from the bellows and closed at the top, the bent pipe leading through the bellows into the tube from the front of the casing and provided with a suitable blow tube, the cord connecting the top of the tube at the centre of the bellows to the actuating drum on the arbour of the indicator arrow, such cord extending over suitable pulleys, the coin tube leading from the interior of the upper casing down to a suitable coin receptacle, the walking beam pivoted in a suitable bracket, the bead on the cord with which one end of the walking beam is designed to come in contact, the coin receiving tube at the opposite end of the walking beam, a disc secured in the end of a crank arm and pivotally held in the bottom of the coin receiving tube, an arbour suitably supported and connected by a cord to the top of the bellows, a helical spring connected to the arbour and to one of the bearing brackets of the same and an arm extending outwardly from said arbour and underneath the outer end of the crank arm, as and for the purpose specified.

No. 69,207. Boot and Shoe Making Machine.

(Machine à faire des chaussures.)

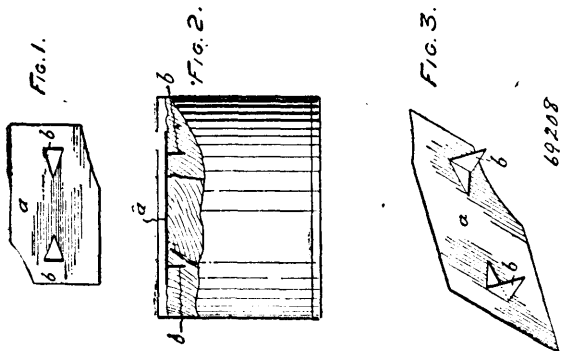


Hector Marshall, No. 227 Bay street, Port Melbourne, Victoria, Australia, 31st October, 1900; 6 years. (Filed 8th October, 1900.)

Claim.—1st. The herein described mechanism for lasting, welting, and sewing boots and shoes at one operation comprising a welt strip guide as *l*, in combination with a straight reciprocating needle, a hook as *s*, engaging with the back of the insole, and a presser fork as *t* for pressing back the lower edge of the insole substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings. 2nd. In mechanism for lasting, welting and sewing boots at one operation a welt strip guide forming a rest for the work having a slot as *o* for the passage of the awl and needle and a shoulder as *p* of sufficient depth to relieve the welt strip of the pressure of the boot and thus allow said strip to pass freely through the guide, substantially as and for the purposes herein described and explained and as illustrated in the accompanying drawings.

No. 69,208. Meat Can Shield.

(Protecteur de boîte en fer blanc.)

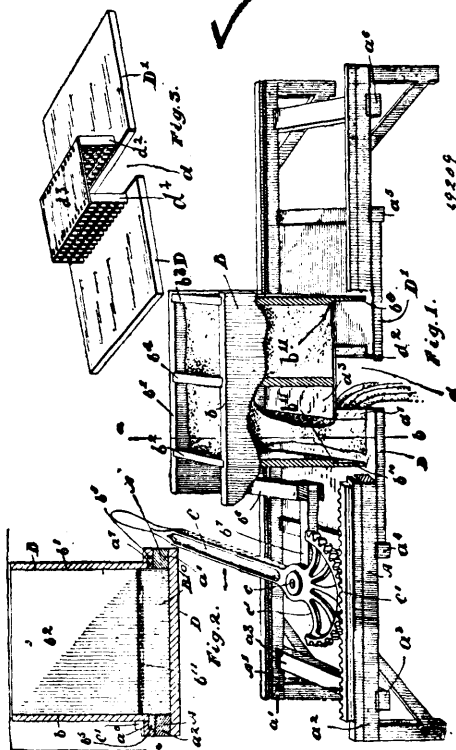


James Moore K. Letson and Frank Watts Burpee, both of Vancouver, British Columbia, Canada, 31st October, 1900; 6 years. (Filed 8th October, 1900.)

Claim.—A shield for the purposes set forth having one or more V-shaped points die punched in the blank of the shield and turned at right angles to the plane of the same, as specified.

No. 69,209. Curd Cutting Machine.

(Ménos de fromages.)



Charles Asa Beach and Mahlon F. Beach, both of Winchester, Ontario, Canada, 31st October, 1900; 6 years. (Filed 2nd October, 1900.)

Claim.—1st. A curd cutting machine comprising a reciprocating hopper, stationary intersecting knives suitably supported beneath and projecting up into the hopper, means for supporting the curd within the hopper and mechanism for imparting a reciprocating motion to the hopper as and for the purpose specified. 2nd. In a curd cutting machine, the combination with the main frame provided with grooves in the longitudinal timbers thereof, of a reciprocating hopper having recesses formed in the end wall thereof and provided with tongues secured to the lower end of the side walls of the hopper and designed to operate in the said grooves formed in the main frame, stationary intersecting knives secured beneath and projecting up into the hopper, means for supporting the curd within the hopper, and mechanism for imparting a reciprocating motion to the hopper, as and for the purpose specified. 3rd. In a curd cutting machine, the combination with the main frame, of a reciprocating hopper slidably supported thereon, a stationary divided floor secured to the main frame below the hopper, intersecting knives secured to the inner ends of the parts of the stationary floor and projecting up into the hopper, and mechanism for imparting a reciprocating motion to the said hopper, as and for the purpose specified. 4th. In a curd cutting machine the combination with the main frame, of a reciprocating hopper slidably supported thereon, stationary intersecting knives suitably supported beneath the hopper, means for supporting the curd within the hopper, a toothed rack supported on the main frame, a segmental toothed lever suitably connected to the hopper and designed to mesh within the said rack, as and for the purpose specified. 5th. The combination with the main frame, a reciprocating hopper slidably supported thereon, a central dividing wall extending down to the level of the knives within the hopper a stationary divided store secured to the main frame beneath the hopper, intersecting knives secured to the inner ends of the said divided floor and a tie plate securing the two sets of knives together, as and for the purpose specified. 6th. In a curd cutting machine the combination with the main frame provided with a toothed rack, of a reciprocating hopper slidably supported thereon and provided with extended side walls connected together at the base by a cross bar, a draw bar rigidly connected to said cross bar, a hand lever provided with a toothed segmental and designed to mesh within the said rack as and for the purpose specified.