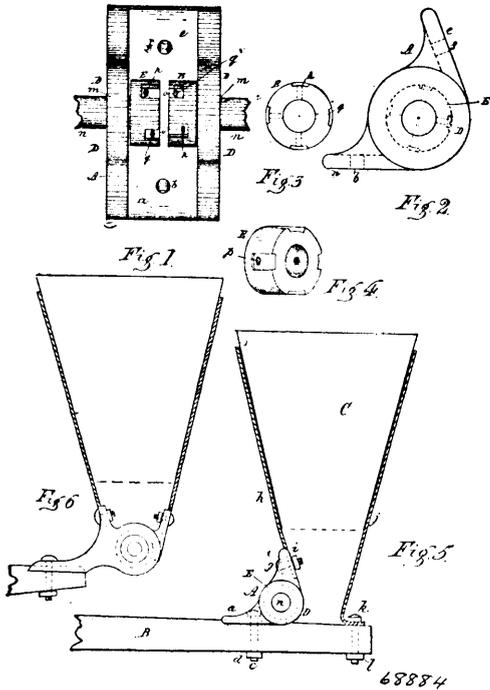
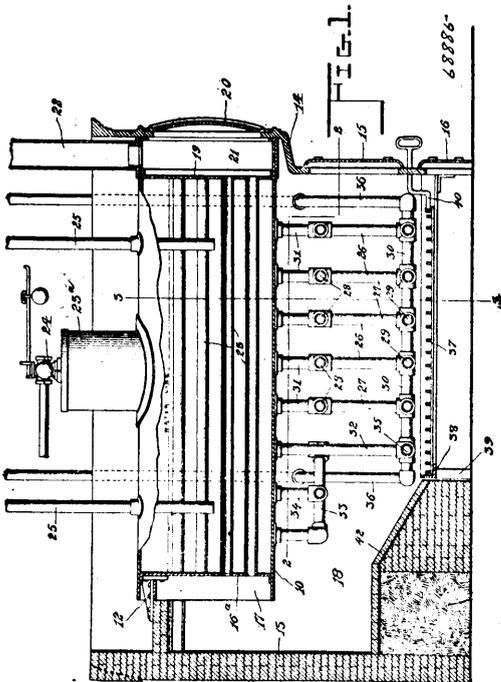


DD and collars EE and bolted to the said collars, the lower flange a, of the tongue socket A, bolted to the tongue B, of the seed drill



and the upper flange c, of the socket A, bolted to the hopper C, or strap h, of the hopper, all constructed, substantially as and for the purpose specified.

No. 68,885. Heating Apparatus. (Appareil de chauffage.)

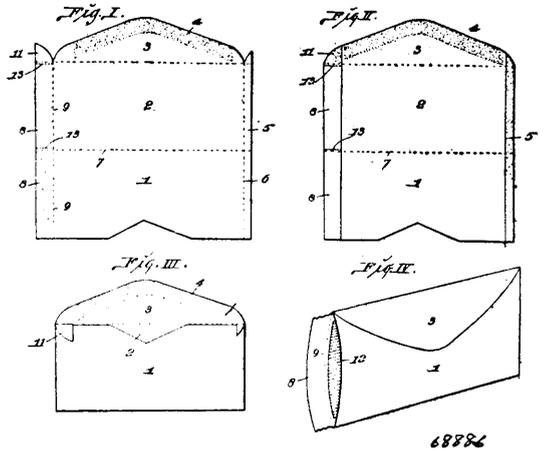


Joseph Cyprien Thibeault, Arthabaskaville, Quebec, Canada, 2nd October, 1900; 6 years. (Filed 15th September, 1900.)

Claim.—1st. In a heating apparatus, the combination with a boiler, of a series of depending circulating sections each connected together at their lower portions and communicating at their upper ends with said boiler, substantially as described. 2nd. In a heating apparatus, the combination with a boiler having the circulating flues therethrough, of a series of vertical sections arranged below said boiler and spaced apart to form the circulating spaces, said sections

forming a combustion chamber and connected with the water spaces of the boiler, substantially as described. 3rd. In a heating apparatus, the combination with a boiler, of a series of sections connected and arranged to form a combustion chamber and having communication with the water spaces of the boiler, and the circulating tubes also connected with the boiler and with the sections and disposed in rear of the latter, substantially as described. 4th. In a heating apparatus, the combination with a boiler having the circulating flues, of the square sections arranged below the boiler and in parallel spaced relation one to the other so as to form a combustion chamber, said sections having communication one with the other at their lower portions and each section having an individual water connection with the boiler, substantially as described. 5th. In a heating apparatus, the combination with a boiler, of a series of sections connected with the boiler and forming a combustion chamber, a movable separator below said sections, means for supporting said separator, and means whereby the separator may be positively operated, substantially as described.

No. 68,886. Envelope. (Envelope.)



The Samuel Cupples Envelope Company, St. Louis, Missouri, assignee of James West, Brooklyn, New York, U.S.A., 4th October, 1900; 6 years. (Filed 25th June, 1900.)

Claim.—1st. In an envelope, comprising front and back portions, sealed together at one end, a top gummed flap, and a wide fold on the other end of the envelope extending the width thereof, folded in between the front and back portions, one half of the same being gummed down while the other half is free to be pulled out. 2nd. An envelope having a front and back portion, closed at one end and having a gummed flap, the other end of said envelope being formed with a fold, one portion of which is adapted to be sealed to the back of the envelope and the other portion of which is folded against the front of the envelope and left free so that the contents can fit behind the same, substantially as described. 3rd. An envelope, consisting of a front and back portion closed at one end and having a flap adapted to be sealed to the back portion, said envelope having a fold at the end thereof that is not closed, said fold having a portion adapted to be sealed down against the back portion of the envelope, substantially as described. 4th. An envelope, consisting of a front and back portion closed at one end and having a flap adapted to be sealed against the back portion, and having also a fold, one portion of which is sealed to the back of the envelope while the remaining portion is left free and folded against the front of the envelope, and a projection from the fold adapted to be sealed to the back of the envelope, substantially as set forth. 5th. An envelope, comprising a front and back portion secured together at one end, a top gummed flap, a wide fold on the other end of the envelope extending the width thereof, and a projection extending from the top of said fold, said fold having lines of perforations to permit part thereof to be turned out to allow the removal of the contents of the envelope. 6th. An envelope, consisting of a front and back portion, with a flap on the front portion adapted to be sealed to the back portion, and a wide fold on one end of the envelope extending the width thereof, and the adjacent faces of which are left unattached, substantially as and for the purpose set forth.

No. 68,887. Fastening for Boots and Shoes. (Attache pour chaussures.)

Anna Theresa Moore and John Montgomery, both of Simcoe, Ontario, Canada, 4th October, 1900; 6 years. (Filed 19th September, 1900.)

Claim.—1st. A lace and tongue clasp, consisting of a plate permanently attached to the outer side and upper part of a tongue of a boot or shoe, an outer flap hinged to the upper part of said plate, said flap capable of being locked over the knot of the lace of the