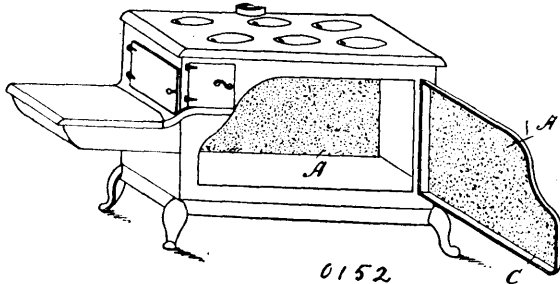
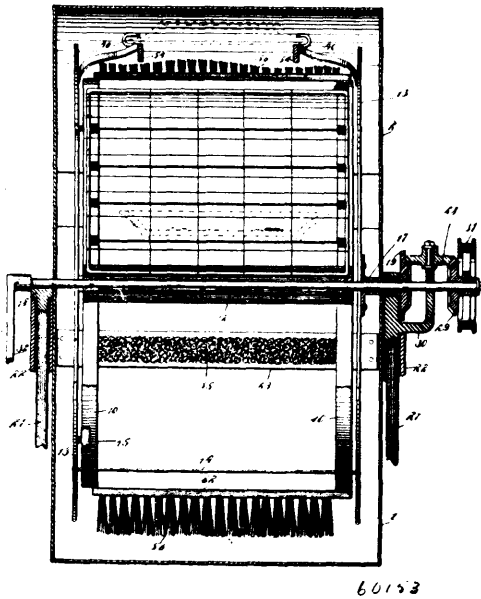


with an oven, a door to said oven having a reflecting surface of aluminum on its interior side, substantially as described. 4th. In



combination with a stove, an oven having its door and wall opposite the door coated with aluminum, substantially as described. 5th. An oven rack located midway between the top and bottom of the oven and covered with aluminum to reflect light and heat, substantially as described.

No. 60,153. Dish Washing Machine.
(Machine à laver la vaisselle.)

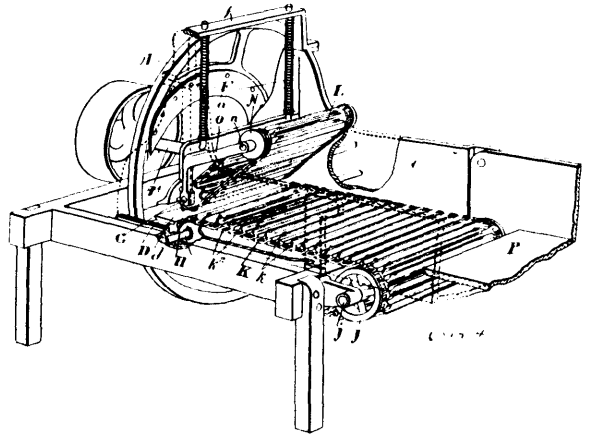


Robert R. Parry and Edwin Evans, both of South Poulney, Rutland County, Vermont, and John Hughes Parry, Utica, New York, all in the U.S.A., 1st June, 1898; 6 years. (Filed 4th May, 1898.)

Claim.—1st. A dish-washing machine, comprising a reservoir, a cover therefor, carrier rings mounted to rotate in the reservoir and cover, means for raising and supporting the carrier rings above the water in the reservoir, a series of open work receptacles for containing articles to be washed, said receptacles being arranged to conform to the outline of the carrier rings, a brush secured to the said carrier rings, and means for holding dishes in the reservoir, to pass the same over said brushes, substantially as specified. 2nd. A dish-washing machine, comprising a reservoir, a cover thereon, a carrier mounted to rotate in said reservoir, vertically movable rods on the reservoir and having bearings for the shaft of the carrier, guides for the rods, and levers having pivotal connections with said rods, substantially as specified. 3rd. A dish-washing machine, comprising a reservoir, a cover therefor, a carrier mounted to rotate in the reservoir and cover and adapted to receive dish receptacles a brush secured to said cover, another carrier surrounding the first named carrier, and spring-yielding clips on said other carrier for receiving and holding dishes to be operated upon by the brush, substantially as specified. 4th. A dish-washing machine, comprising a reservoir, a carrier mounted to rotate in the reservoir, and means for lifting and supporting the carrier, comprising sliding bearing blocks, guides for said blocks, and levers, substantially as specified. 5th. A dish-washing machine, comprising a reservoir, a cover therefor, a carrier in the reservoir for receiving dish-holding receptacles, another carrier surrounding the first named carrier, means for rotating each of said carriers in opposite directions, spring clips on the outer carrier for holding dishes diverging spreader arms for spreading the clips to receive a dish, an endless carrier for moving dishes through an opening in the rear side of the cover so as to engage the

said clips, a door for an opening in the front portion of the cover, and a discharge spreader for the clips adapted to be swung into operative position, to engage with pins on the clips when it is desired to discharge the dishes, substantially as specified. 6th. A dish-washing machine, comprising a reservoir, two carriers in the reservoir, one carrier being arranged within the other carrier, means for rotating said carriers in opposite directions, brushes carried by the inner carrier, plate-holding clips attached to the outer carrier, means for automatically feeding dishes to said clips, means for automatically releasing the dishes from the clips and brushes in the reservoir to engage against the outer surface of the dishes carried by the clips, substantially as specified.

No. 60,154. Straw Cutter. (Hache-paille.)



The Peter Hamilton Manufacturing Company, assignee of Andrew Johnston, all of Peterboro, Ontario, Canada, 1st June, 1898; 6 years. (Filed 3rd May, 1898.)

Claim.—1st. In a straw cutter, the combination with the knife wheel and guiding jaws for the straw, of a horizontally placed endless belt extending into proximity to the feed jaws at the inner end and comprising a number of slats having link shaped ends suitably connected together and suitable shafts and sprocket wheels secured to the shafts carrying the ends of the endless belt, as and for the purpose specified. 2nd. In a straw cutter, the combination with the knife wheel and guiding jaws for the straw, of a horizontally placed endless belt extending into proximity to the feed jaws at the inner end and comprising a number of slats having link-shaped ends suitably connected together, and suitable shafts and sprocket wheels secured to the shafts carrying the ends of the endless belt, and the similarly formed upper inclined slatted belt provided with link-shaped ends suitably connected together and supported at the ends on sprocket wheels secured to suitable shaft and driven as and for the purpose specified. 3rd. In a machine of the class described, the endless belt, formed of slats with link-shaped ends suitably connected together, suitably supported on sprocket wheels, and suitably driven and provided with longitudinal ribs on the outside of the slats, as and for the purpose specified. 4th. In a machine of the class described, the endless belt formed of slats with link-shaped ends suitably connected together, suitably supported on sprocket wheels and suitably driven, and the separating lugs at one edge of each slat designed to keep the links from being disconnected, as and for the purpose specified. 5th. In a straw cutter, the combination with the knife wheel and guiding jaws for the straw, of a horizontally placed endless belt extending into proximity with the feed jaws and suitably formed to carry the straw to the jaws, as and for the purpose specified. 6th. In a straw cutter, the combination with the knife wheel and guiding jaws for the straw, of a horizontally placed endless belt extending into proximity with the feed jaws and suitably formed to carry the straw to the jaws, and an inclined endless upper belt extending into proximity with the lower horizontally placed endless belt and with the feed jaws, so as to form a contracted throat to feed the straw, as and for the purpose specified.

No. 60,155. Cigar Wrapping Machine.
(Machine à envelopper les cigares.)

The Bunn Cigar Rolling Machine Company, assignee of John Bunn, all of Binghamton, New York, U.S.A., 1st June, 1898; 6 years. (Filed 9th March, 1898.)

Claim.—1st. In a cigar machine, the combination of a wrapper stretcher table, having a depending sleeve, the standard having an opening receiving said sleeve, an adjusting screw threaded into said sleeve and bearing upon the lower wall of said opening, and means for holding the table in adjusted position, substantially as and for the purpose set forth. 2nd. The combination of the wrapper stretcher table, having an elongated slot near one end, a plate having a similar slot and provided with a depending sleeve, a standard having an opening receiving said sleeve, an adjusting screw