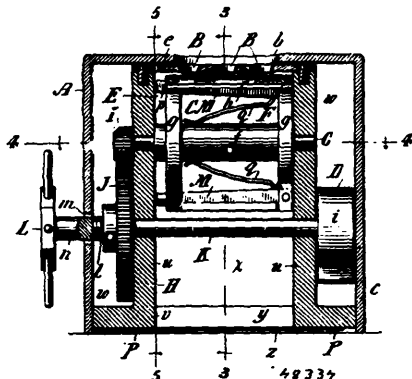


for culinary vessels provided with an outlet near one edge, a housing over the outlet, and a gravity door normally closing the outlet, and a projecting lip or guard in front of the outlet. 3rd. A cover for culinary vessels, the same being provided with outlet openings near one end, a housing covering the same, and provided with a gravity door, and an angular looped handle, pivoted at the junction, of its members upon the upper surface of the cover.

No. 48,334. Cigar Tip Cutter. (Coupe-bout de cigares.)



William Henry Campbell, Charles B. Redhead, Edward C. Redhead, and Frank W. Sydnay, assignees of William Henry Campbell, all of Brooklyn, New York, U.S.A., 4th March, 1895; 6 years.

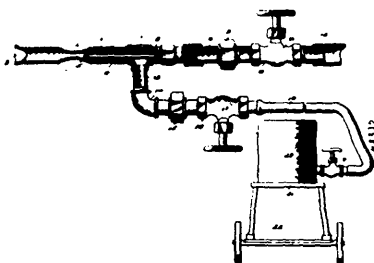
Claim.—1st. A cigar tip cutter having a casing and a rotating knife, means for rotating the knife, and stops holding the knife from rotation, in combination with a releasing device for disengaging the stops, mounted opposite the tip hole in the casing, moved by the insertion of a cigar in said hole, and when so moved disengaging said stops, permitting rotation of the knife and moving laterally away from the cigar. 2nd. A cigar tip cutter, having a casing, a tip hole, a movable knife, and stops preventing movement of the knife, in combination with a releasing device carried by the knife opposite the tip hole, moved by the insertion of a cigar in said hole, and when so moved disengaging said stops and permitting the knife to move past and cut the cigar. 3rd. A cigar tip cutter, having a casing, a tip hole, and a movable knife moving past said hole, in combination with a fixed stop carried by said casing, and a movable nose carried by said movable knife, and means for moving said nose out of engagement with said stop to free said knife when a cigar is inserted in said hole. 4th. In an automatic cigar tip cutter, a casing having a tip hole, a moving knife, a spring for moving the knife, and a fixed stop carried by said casing, a movable nose carried by the knife and engaging the stop to prevent movement of the knife, and a releaser carried by the knife opposite the tip hole, and operated when a cigar is inserted in said hole to move the nose away from said stop. 5th. In a cigar-tip cutter, the casing A and the inner frame H, having walls u, and the rotating knives carried by the spool F, and automatically released by the insertion of a cigar into a tip-hole, said knives moving between the walls u, a spring i, for driving said knives arranged at the outside of one of said walls, and gears l and j, mounted at the outside of the other of said walls for transmitting the motion of the spring to the knives. 6th. In an automatic cigar-tip cutter, the rotating spool F, carrying a knife blade k, a bar M, pivoted to one wing of said spool back of said blade, and projecting at its other end as a nose p, through a slot o, in said spool, moving radially thereof, and engaging a stop for preventing rotation of the cutter. 7th. In a cigar-tip cutter, a spring-driven rotating cutter frame having a peripheral blade, a peripheral releaser behind said blade, a nose actuated by said releaser and engaging a stop for locking the cutter against rotation, and a tip-hole plate c, opposite said releaser and having a number of aligned tip-holes, as and for the purpose set forth.

No. 48,335. Vacuum Fire Kindler. (Attiseur à vacuum.)

Northern Henry Smith, Jeremiah Bunting, jr., Lindsay Bunting, Thomas McCulloch and Lawrence N. Buford, all of Bristol, Tennessee, U.S.A., 4th March, 1895; 6 years.

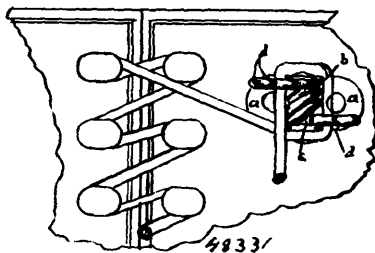
Claim.—1st. In a vacuum fire kindling apparatus, a vacuum mixing pipe, a main air pipe connected with one end of said mixing pipe, a smaller air jet pipe connected and communicating with the main air pipe and arranged within the said mixing pipe, a feed pipe connected to the mixing pipe at the same end as the connection of the main air pipe therewith, an oil hose valve coupling detachably connected to said feed pipe and an air hose valve coupling attached to be

detachably connected to the main air pipe and to a separate blower attachment, substantially as set forth. 2nd. In a vacuum fire kindling apparatus, a vacuum mixing pipe provided at an intermediate point with a contracted throat portion and at one end with a narrow



integral vertically disposed rectangular burner-mouth, a T-coupling fitted to the end of the mixing pipe opposite the burner mouth, a reducing plug fitted in one end of the T-coupling and connected with a main air pipe of a larger internal diameter, a small air jet pipe fitted at one end within said reducing plug and extending inward within the mixing pipe to a point partly within said contracted throat, the inner end of said small jet pipe being provided with a jet opening, a feed pipe connected to the lower side of the T-coupling at one end of the mixing pipe, and an oil hose valve coupling detachably connected to said feed pipe, substantially as set forth. 3rd. The herein described stack blower attachment for fire kindling apparatus, consisting of an inverted U-shaped blower pipe adapted to be placed over the upper edge of a locomotive stack and provided at its inner lower end with an off-standing upwardly disposed jet nipple, and a larger suction sleeve removably supported on said jet nipple, substantially as set forth.

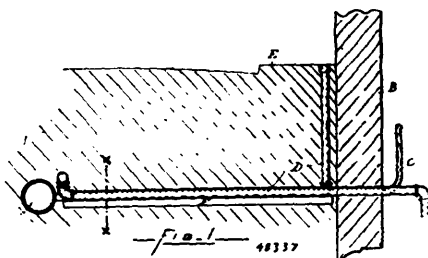
No. 48,336. Lace Holder. (Porte-lacets.)



Charles L. Brown, Vancouver, British Columbia, Canada, 4th March, 1895; 6 years.

Claim.—The combination of a spring mounted on a plate attached to a hat, shoe, or glove, etc., for the holding of their laces without tying, substantially as and for the purposes herein set forth.

No. 48,337. Device for Thawing out Ice in Service Pipes. (Appareil pour fondre la glace dans les tuyaux.)



Damien Lalonde, Montreal, Quebec, Canada, 4th March, 1895; 6 years.

Claim.—A device consisting of a pipe laid along the side of the