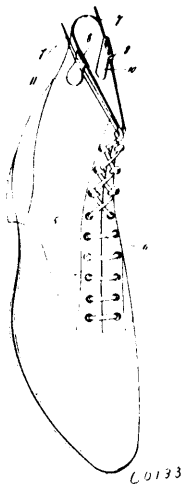


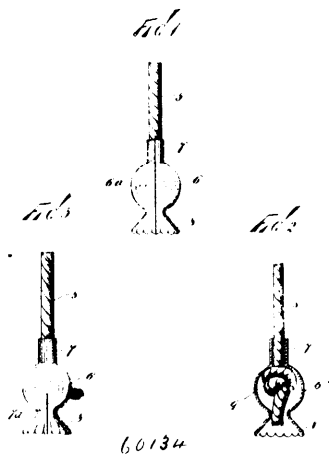
or near the middle thereof to form a loop and also a front and back, the front part thereof being bent inwardly so as to press upon the



back, and the extreme end of the front being bent outwardly, substantially as shown and described.

**No. 60,134. End Knob for Cords, Lines, Laces, etc.**

(*Nœud pour cordages, etc.*)



Basil John Fisher, Ashboro, North Carolina, U.S.A., 26th May, 1898; 6 years. (Filed 12th May, 1898.)

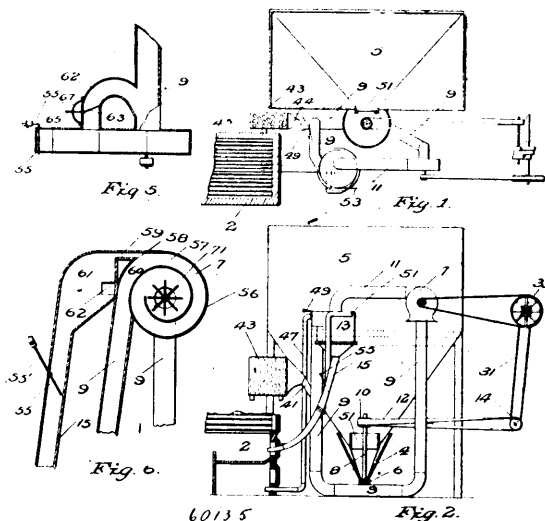
**Claim.**—1st. A knob or end piece for lines, cords and laces, consisting of a hollow body, one side of which is provided with a tubular extension which communicates with the interior thereof, and which is open at its outer end, said body being also provided on the side opposite said tubular extension with a hollow extension which is conical in form, the base thereof being directed outwardly, substantially as shown and described. 2nd. A knob or end piece for cords, lines and laces, consisting of a hollow spherical body provided at one side with a tubular extension which is open at both ends and at its opposite side with a larger conical extension, the base of which is directed outwardly, said last named conical extension being convoluted or fluted, substantially as shown and described. 3rd. A knob or end piece for lines, cords and laces, consisting of a hollow body, one side of which is provided with a tubular extension which communicates with the interior thereof, and which is open at both ends, said body being also open on the side opposite said extension, substantially as shown and described.

**No. 60,135. Fuel Feeder. (Alimentateur de combustible.)**

Henry Lawrench Day, Minneapolis, Minnesota, U.S.A., 26th May, 1898; 6 years. (Filed 11th May, 1898.)

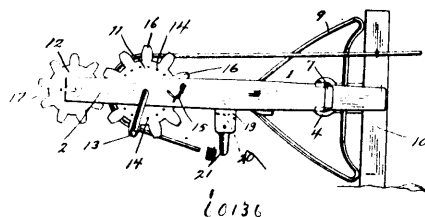
**Claim.**—1st. Means for feeding fuel to furnaces, comprising in combination, means for producing a continuous air-current or air-belt, means for directing the fuel into said air-current, and means for separating the fuel from said air-current and directing it into a suitable furnace. 2nd. Means for feeding fuel to furnaces, comprising in combination, mechanism for producing an air-belt or continuous air-current, means for feeding the fuel into said current, means for separating the fuel from said current and directing it into a suitable furnace, and means for supplying air to said air-belt to take

the place of the air which passes into the furnace with the fuel 3rd. Means for feeding fuel to furnaces, comprising in combination,



a fan or blower, a separator, pipes connecting said fan and separator, whereby a continuous air-current or air-belt may be produced, means for delivering fine fuel into one of said pipes, to be separated from said air-current by said separator, and means for conducting such fuel from said separator to said furnace. 4th. Means for feeding fuel to furnaces, comprising in combination, a suitable fan or blower, air-conductors connected to the inlet and outlet of the casing of said fan or blower and communicating with each other, means for directing fuel into said air-conductors, means located in said fan casing for separating the fuel from the air-current, and means for directing said fuel into a suitable furnace, for the purpose set forth. 5th. Means for feeding fuel to furnaces, comprising in combination, a suitable fan or blower, a fan casing provided with a spiral duct leading from its central portion and having an unbroken peripheral surface, a suitable wall dividing said duct into an inner and an outer part, a pipe on conductor connected to the inner part of said duct and communicating with a pipe or conductor leading to the inlet of the fan casing, means for feeding fuel into said conductors and means for directing the fuel from the outer part of said duct into a suitable furnace. 6th. The combination, with a fan, of the separator, the pipes connecting said fan and said separator, whereby a continuous air-current may be produced, a pipe extending from said separator to the furnace, and means for feeding the fuel into one of the pipes connecting the fan and separator, for the purpose specified. 7th. The combination, with the fan and separator, of the pipes connecting said fan and separator, means for supplying air to one of said pipes, a pipe connecting the separator with the furnace, and means for feeding the fuel into one of the pipes between the fan and separator. 8th. The combination, with the fan and separator, of pipes connecting said fan and separator, whereby a continuous air-current may be formed, means for feeding the fuel from the separator to the furnace, means for supplying heated air to the pipe between the separator and the fan, to compensate for that which passes through the pipe into the furnace, and means for feeding the fuel into one of the pipes between the fan and the separator.

**No. 60,136. Wire Stretcher. (Tendeur de fil de fer.)**



Samuel A. Grubb, Elmwood, Illinois, U.S.A., 26th May, 1898; 6 years. (Filed 11th May, 1898.)

**Claim.**—1st. In a wire stretcher, the combination with the frame thereof and means for clamping the same to a fence-post, of a pair of clamping wheels mounted to rotate in said frame and means for throwing said wheels out of gear with each other. 2nd. In a wire stretcher, the combination with the frame thereof and means for clamping the said frame to a frame post, of a pair of clamping gear-wheels mounted to rotate in said frame one of said wheels being provided with forked teeth and the other adapted to mesh therewith having its shaft pivotally mounted in said frame, whereby said