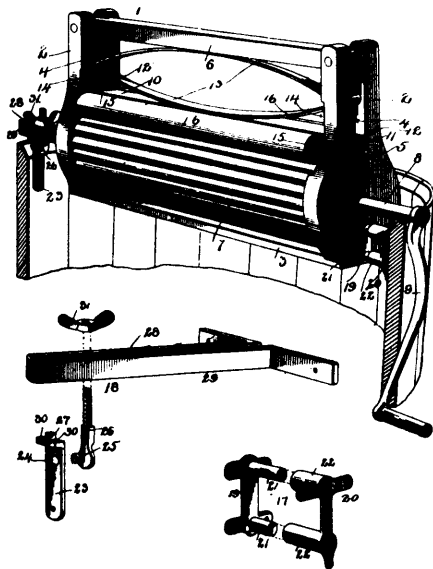


bined smoke-conduit and ash-fender, for the purposes stated. 2nd. In a sheet-metal stove having smoke-discharge openings therein at its rear end, the combination of a plate 21 to extend around the interior of the stove and resting upon the bottom and engaging the sides of the stove and having draft-openings therein near the front of the stove, and forming with the sides and bottom a combined smoke-conduit and ash-fender for conducting the products of combustion through the said draft-openings in the plates, then rearwardly through the said draft-openings in the plates, then rearwardly through the conduit formed by the plates and stove to the smoke-discharge opening at the rear of the stove.

No. 62,509. Washing Machine. (*Machine à laver.*)



62509

Moise Bourdeau and Delphis Thibodeau, both of St. Jean d'Iberville, Quebec, 2nd February, 1899; 6 years. (Filed 17th January, 1899.)

Claim.—1st. A washing machine comprising a frame, a corrugated rubber roller pivotally mounted therein, a rubbing block having a corrugated face located in said frame and having a vertical movement therein, rolls connected to and having a movement with said block, and a spring removably located in said frame adapted to adjustably hold said block and said rolls in their lower position, substantially as described. 2nd. The combination with a receptacle of a washing machine, and means for adjustably holding said machine in rigid position during its use, substantially as described. 3rd. The combination with a receptacle, of a washing machine, said machine having one of its ends removably secured to said receptacle and having its opposite ends removably and adjustably secured thereto. 4th. The combination with a receptacle, having a series of fixed members secured therein, of a washing machine, having co-operating members secured thereto, the member at one end of said machine being removably secured to its corresponding member on the receptacle, the member on the opposite end of the machine being removably and adjustably secured to the opposite member in said receptacle, substantially as described.

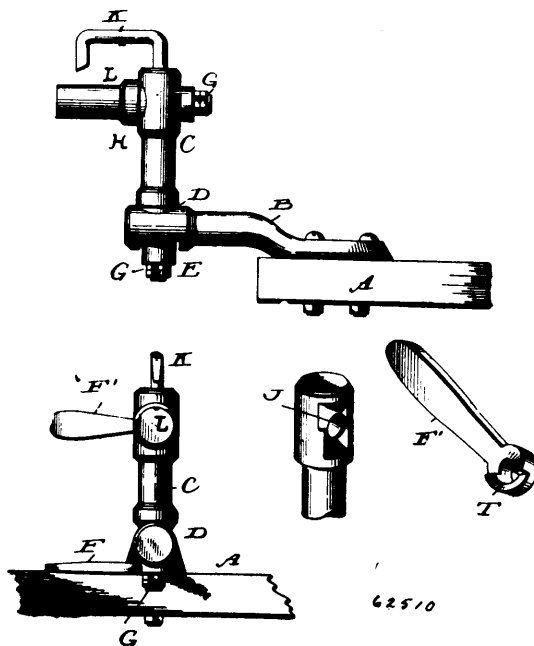
No. 62,510. Cutterhead Knife Adjusting Device.

(*Appareil à assujettir les couteaux pour porte-limes.*)

Samuel S. Farney, Castorland, New York, U.S.A., 2nd February, 1899; 6 years. (Filed 17th January, 1899.)

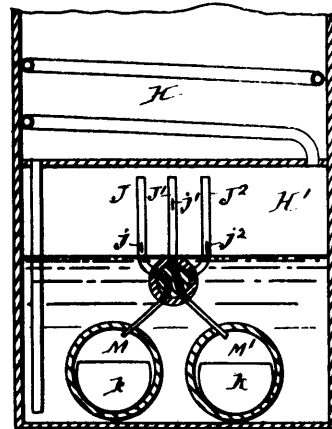
Claim.—1st. In a device of the character described, a bracket-arm, a post carried by said arm, a stub-shaft or axle also carried by the bracket-arm, lever actuated mechanism for locking and releasing the connections between the bracket-arm and the post, and for locking and releasing the connection between the post and the stub-shaft, and a gauge arm connected with the post and extending over the stub-shaft, substantially as described and for the purpose specified. 2nd. The combination with the bracket-arm, the post having its lower end sleeved in an aperture in the bracket-arm, a stub shaft having one of its ends sleeved within a horizontal opening in the upper end of the post, the locking levers F and F' sleeved upon the lower end of the post and the inner end of the stub-shaft or axle

respectively and having bevelled or cam faces to engage bevelled shoulders as described, and the bracket-arm K connected with the



post and having its free end extended downward, said free end of the arm being bevelled, substantially as described, and for the purpose specified.

No. 62,511. Acetylene Gas Lamp. (*Lampe à gaz acétylène.*)



62511

Frederick Hugh Smith, The Limes, Dunblane, Perth, Scotland, 2nd February, 1899; 6 years. (Filed 1st February, 1898.)

Claim.—1st. An acetylene gas generator having a water tank divided into two compartments and the lower of which is fitted with two circular carbide chambers and semi-circular drawers arranged to be automatically and alternately brought into action, as described and shown. 2nd. In an acetylene gas generator having two carbide chambers, the arrangement of the three upright tubes J, J¹, J², the two outer tubes of which have slots j, j² at a lower level than the slot j¹ in the central tube J¹, and the five-way cock L whereby the water is caused to attack the carbide in the one chamber when the carbide in the other becomes exhausted, as described and shown.

No. 62,512. Car Coupler. (*Attelage de chars.*)

John J. Malloy, Portland, Oregon, U.S.A., 2nd February, 1899; 6 years. (Filed 16th December, 1898.)

Claim.—1st. In combination, a draw-head, as a, provided with a recess on its exterior, and a knuckle pivoted to said draw-head, and having an arm entering said recess of the draw-head, a hook in the end of the arm and a vertical aperture for the hook to drop into and lock the knuckle upon the arm thereof having entered said recess, there being an inclined approach in the floor of said recess to auto-