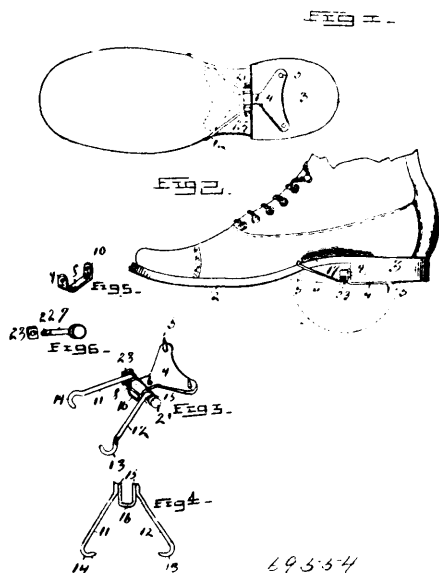
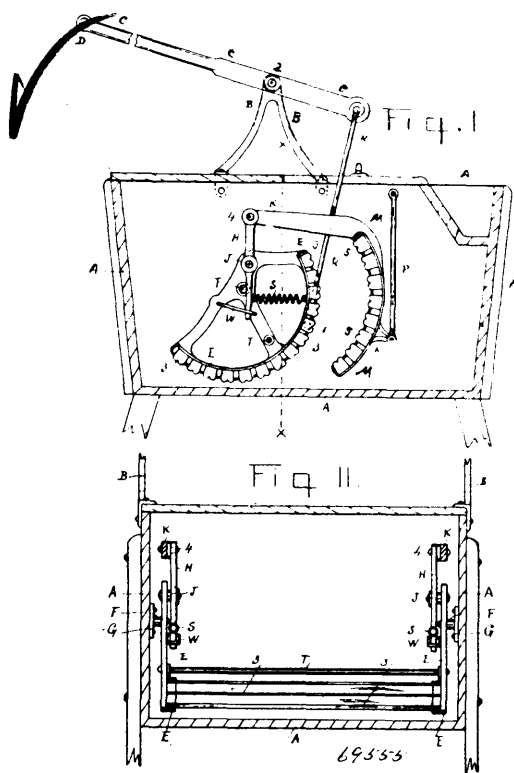


having its free end coiled to form an eye, a shaft mounted in the said eye, a spring clip suitably connected to the said shaft, connecte



ing arms suitably mounted on the said shaft adapted to engage the sole of a shoe, a cross bar connected to the said arms, and means operating through the said cross bar for securing the creeper to the heel of the shoe, substantially as set forth.

No. 69,555. Washing Machine. (Machine à laver.)

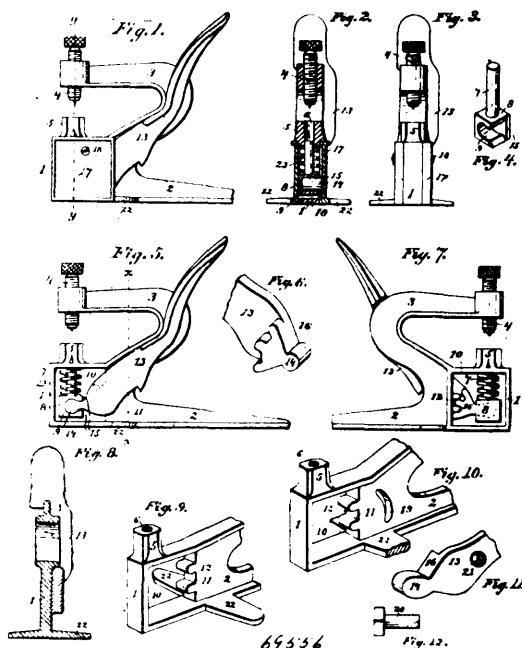


George B. Dowswell, Hamilton, Ontario, Canada, 30th November, 1900; 6 years. (Filed 14th November, 1900.)

Claim.—1st. In a washing machine, an oscillating semi-circular washer journaled to the sides of a box, a brace rod connecting the sides of the washer, a concave clothes compressor, with arms, to compress the clothes to the washer, pendulum rods pivoted to the box, and to rear extensions of said compressor, to support the same,

levers pivoted to the upper part of the washer, the upper end of said levers pivoted to said arms of the compressor, spiral tension springs connected to the lower part of said levers and to the sides of the washer to allow equalization of strain to washer and compressor, guides secured to the sides of the washer for the lower part of said levers to operate in and mechanism to oscillate said washer, substantially as described. 2nd. In a washing machine, an oscillating washer journaled to the sides of a box, a stay rod connected to the sides of said washer, levers pivoted to the upper part of said sides, tension springs attached to the lower part of said levers, and to the sides of the washer, a concave clothes compressor with arms, the upper part of said levers pivoted to said arms, and pendulum rods to support the compressor, and mechanism to oscillate the washer, substantially as described. 3rd. In a washing machine, a semi-circular washer journaled in a box, a stay rod connecting the sides of the washer, levers pivoted to the sides of the washer, a concave clothes compressor with arms, said levers pivoted to said arms, pendulum rods to support said compressor, tension springs attached to the lower part of the levers and to the washers, guides secured to the sides of the washer for the lower part of said levers, and means for oscillating the washer, substantially as described.

No. 69,556. Riveting Tool. (Outil à river.)



Warren J. Ball, Canton, Ohio, U.S.A., 30th November, 1900; 6 years. (Filed 4th April, 1900.)

Claim.—1st. In a riveting tool, the combination with a frame and a die supported thereby, of a plunger adapted to reciprocate toward and from said die, an operating lever connected at one end of said plunger, a gear segment on said lever, and a rack on the frame with which the gear segment engages, substantially as described. 2nd. The combination of a frame or head provided with an integral handle, an opening located within the frame or head, an operating lever provided with a rearwardly extending gear segment, and rack teeth arranged to engage with the gear segment, a plunger carried by the operating lever and an arm formed integral with the frame or head and provided with an adjustable die located above the plunger, substantially as and for the purpose specified.

No. 69,557. Acetylene Gas Generator.

(Générateur à gaz acétylène.)

John Sharpe and Harry Frost Williams, both of Ottawa, Ontario, Canada, 30th November, 1900; 6 years. (Filed 2nd June, 1899.)

Claim.—1st. The combination in a gas generating machine, a bell, a reservoir, a divided water cup within the reservoir, an automatic step by step water regulating device, a series of supplemental water cups with water seals within each cup, a series of generating cells, a condensing chamber in common with the generating cells, a hollow supporting base or overflow cup, substantially as specified. 2nd. The combination in a gas generating machine a bell, a reservoir, a divided water cup within the said reservoir, and a water seal within the said cup, an outlet from the said cup to the water distributor, a series of generating cells and water seals above the said