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## NOTICE.

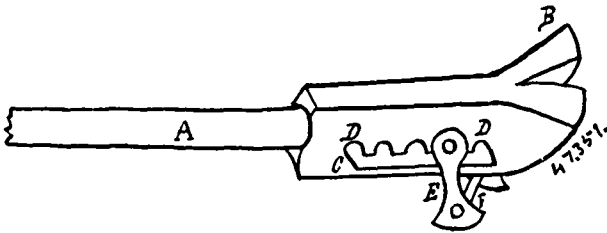
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## INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

### No. 47,351. Spike Extractor.

(Machine pour extraire les chevillettes.)

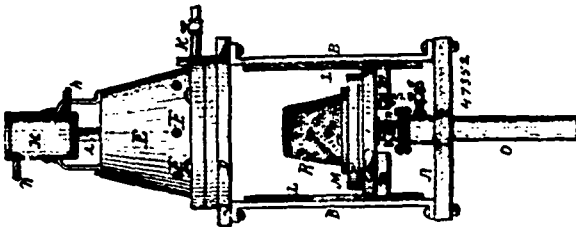


L. Arthur Dion and Adjuteur Carmel, both of Montreal, Quebec, Canada, 2nd November, 1894; 6 years.

Claim.—1st. The combination of an extractor A or crow-bar having at its lower part a slide C, with the upper part of said slide toothed, forming notches or crans DD, substantially as and for the purpose hereinbefore set forth. 2nd. The combination, with the extractor A, of a link E acting as fulcrum and sliding loosely in slide C of the bar, said link E working in crans DD, substantially as and for the purpose hereinbefore set forth.

### No. 47,352. Machine for Making Paper Buckets.

(Machine à fabriquer les seaux en papier)

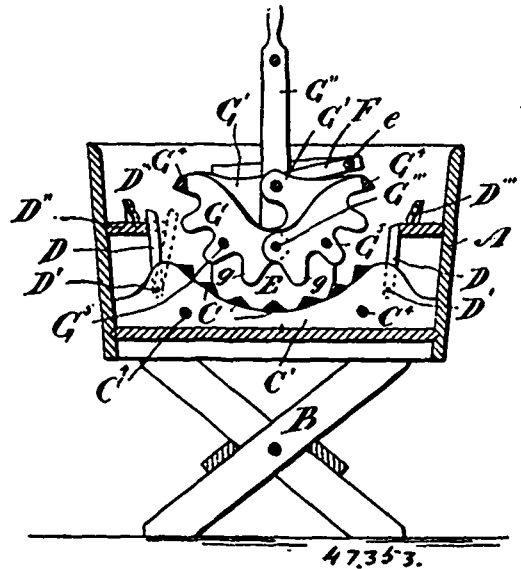


Henry P. Lane, Franklin, Ohio, U.S.A., 2nd November, 1894; 6 years.

Claim.—1st. In a press for hollow vessels, the combination with the frame, of an inverted stationary female die supported on the frame and having drain openings, the movable chine or bottom plate in the female die, a correspondingly shaped hollow male die adapted

to move vertically within the frame and into the female die, said male die having combined filling and drainage openings in its top and sides, an imperforate inflatable bag sustained on the male die exteriorly and over its perforations, a valved water cylinder arranged below the male die, a hollow plunger moving in said cylinder and open at both ends, one end of said hollow plunger being fitted to the bottom of the male die and communicating with the interior thereof, and a valve arranged in the hollow plunger near its upper end, substantially as set forth. 2nd. The combination with a female die and a vertically movable hollow inflatable male die, of a valved water cylinder arranged below the latter die, a hollow plunger moving in the cylinder and open at both ends, one end of said hollow plunger being fitted to and communicating with the interior of said male die, and a valve arranged in the hollow plunger near its upper end, substantially as set forth.

### No. 47,353. Washing-Machine. (Machine à laver.)



Edward Byron Near, Humberston, Ontario, Canada, 2nd November, 1894; 6 years.

Claim.—1st. In a washing-machine, the combination of a tub A, having cleats D<sup>2</sup>, a folding horse or stand B, having projecting ears at top and removal mechanism, consisting of a slatted segmental bottom, slatted inclined sides hinged to the bottom and having segmental pieces adapted to be engaged by the said cleats and a beater or rubber consisting of toothed segments with handles journaled upon a shaft with arms pivoted upon studs held on sides secured to the frame pieces of the bottom, substantially as set forth. 2nd. In a washing-machine, the combination of concave ribs C<sup>1</sup>, C<sup>2</sup>, C<sup>3</sup>, triangular slats C, secured to said ribs, inclined side grids consisting of slats D, hinged to rods passing through the ribs of the bottom and having at the top segments D<sup>2</sup>, sides E, secured to the end ribs C<sup>2</sup>, and provided with arms F<sup>1</sup>, adapted to hold a swinging beater or rubber, substantially as set forth. 3rd. In a beater or rubber, of a washing-machine, the combination of