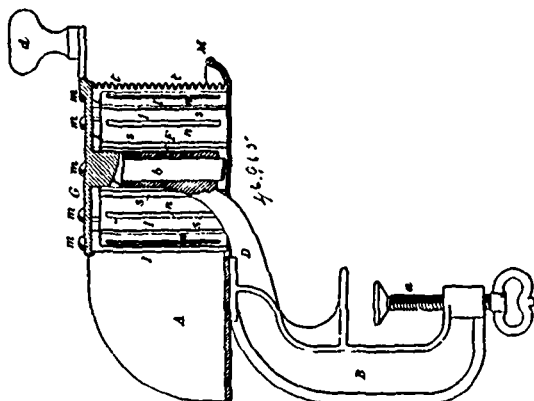


with the rocking-arm, the cam actuated block sliding thereon and carrying the awl and hammer, the grooved guide-plates for said hammer, the stationary knife on said body, the cutter-head on said arm and the peg-strip feed-mechanism carried by said arm all being arranged to operate, substantially as described.

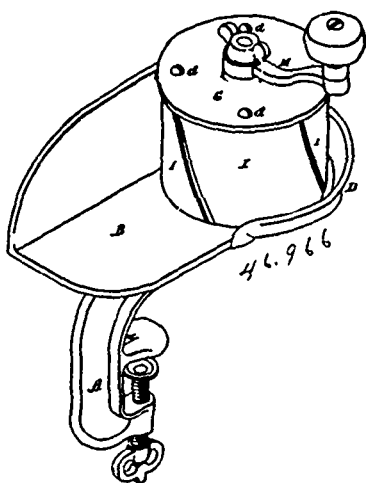
No. 46,965. Vegetable Grater. (*Râpe pour légumes.*)



John Gulic Baker, Philadelphia, Pennsylvania, U.S.A., 5th September, 1894; 6 years.

Claim.—1st. A grater consisting of a frame with guide trough and bearing, and a grating drum consisting of a disc having a spindle adapted to said bearing and provided with a series of depending grating fingers separated from each other and having projecting teeth on their forward edge, substantially as specified. 2nd. The within described grating device consisting of a frame having a guide trough and bearing, and a disc having a spindle adapted to said bearing, said disc being provided with a series of depending grating fingers with spaces between them, each of said fingers having projecting teeth on its forward edge and having one or more vertical slots with projecting teeth at the rear edge of the same, substantially as specified.

No. 46,966. Vegetable Cutter. (*Coupe-légumes.*)



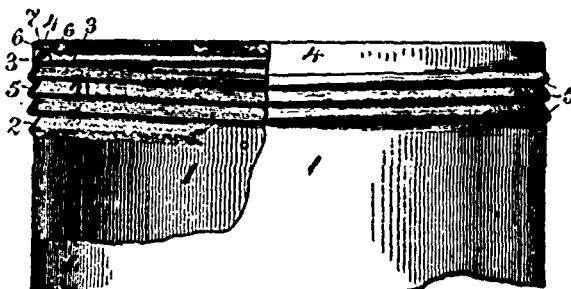
John Gulic Baker, Philadelphia, Pennsylvania, U.S.A., 5th September, 1894; 6 years.

Claim.—1st. A rotating drum for a vegetable cutter, consisting of a disc having segments pivoted thereto, each segment having inclined front and rear edges, the front edge forming or carrying a cutter and the rear edge serving as a guard for the cutter of the following segment. 2nd. A rotating drum for a vegetable cutter, consisting of a disc having segments pivoted thereto, each segment having an inclined front edge forming or provided with a cutter and a correspondingly inclined rear edge forming a guard, in combination with a cam structure acting upon the segments so as to simultaneously adjust the same, either in one or both directions. 3rd. The combination of the fixed structure comprising the supporting frame, with its guide trough and upwardly projecting shaft bearing, with a cutting drum consisting of a disc having a depending shaft adapted to said bearing, and a series of depending segments pivoted to the disc, and having inclined front edges forming or carrying cutters and inclined rear edges serving as guards. 4th. In combination, with

the disc having the depending pivoted segments and adjusting cam, I claim the construction whereby the same handle which serves to rotate the drum, is also available for operating the cam to adjust the segments.

No. 46,967. Hermetically Sealing Metallic Vessels.

(*Appareil à sceller hermétiquement les boîtes métalliques.*)

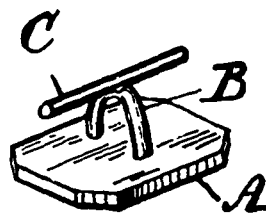


John Foster Ross, Toronto, Ontario, Canada, 5th September, 1894; 6 years.

Claim.—1st. A metallic can having a ratchet spiral or thread formed in its periphery and near the mouth of the can, in combination with the round roll edge turned inward, substantially as shown and for the purpose set forth. 2nd. The combination in a metallic can, of ratchet thread formed in its periphery, a round inwardly turned roll edge as specified, and a lid having a corresponding ratchet thread formed therein to fit on the can and having a groove into which a gasket-ring is fitted, substantially as shown and for the purpose set forth.

No. 46,968. Cuff or Dress Button or Stud.

(*Bouton de chemise ou poignet.*)



Richard Ball Blackhurst, Winnipeg, Manitoba, Canada, 5th September, 1894; 6 years.

Claim.—1st. A dress stud or cuff button, having a front or body A, a flat post or arched wire stem B, fixed thereto to project from the back of said body and occupy a button hole, and a bar C, intersecting said post or stem and secured to the top integrally, to cross a button hole, as set forth. 2nd. A button or stud, comprising an ornamental front plate or body A, a flat post or stem B, tapering at the top and projecting from the back of said body and secured fixedly thereto, and a retaining bar C, rigidly secured to the top of said post and intersecting the same, substantially as described.

No. 46,969. Cement. (*Ciment.*)

George Bélanger, Beauport et Pierre Marie Alphonse Genest, Québec, Canada, 5 Septembre, 1894; 6 ans.

Résumé.—Un ciment formé de quartz, de sable magnétique et de terre glaise mélangés dans les proportions et pour les fins décrites.

No. 46,970. Root Cutter. (*Coupe-racines.*)

David Tolton, Guelph, Ontario, Canada, 6th September, 1894; 6 years.

Claim.—1st. In a root cutter, the combination with the knife wheel of a stationary shield to cover the rotating portion of such wheel where the knives are not actively employed in slicing or pulping, as and for the purpose specified. 2nd. In a root cutter, the combination with a slicing knife wheel, and a pulping knife wheel and intermediate hopper, having pockets leading to the sliding and pulping wheels respectively, of a slanting central grate suitably supported at the centre and one end of the hopper, as and for the purpose specified. 3rd. In a root cutter, the combination with a slicing knife wheel and a pulping knife wheel, and intermediate hopper having pockets leading to the slicing and pulping