

No. 5745. Oil Burning Stove.

(*Poêle consommant l'huile.*)

Edwin G. Adams, Cohoes, N. Y., U. S., 2nd March, 1876, for 5 years.

Claim.—1st. The combination with the case A, of a bottom perforated chamber D, suspended in water and a subjacent oil chamber B, the two chambers connected by a pipe F whereby the oil may be forced by any suitable pressure out of its chamber B, and up to the surface of the water in the burner chamber D. 2nd. The combination with pipe connected chambers B, D, of a tube C, open at both ends, one in the water space of the case A, and the other below the oil; 3rd. The perforated plate G hinged to top of burner chamber D, and provided with a jointed handle extending to the outside; 4th. The casing L, made with a flaring lower part, and a contracted upper part, and provided with a box made close except its forward end and with a smoke pipe, to adapt it to be placed over the fire box of a stove; 5th. The cap P, made larger than the pipe N, having its lower end connected with the said pipe by a ring plate, and having its closed upper end perforated without the sides of the said pipe N, in combination with the pipe N, and case L.

No. 5746. Improvements on Bias Cutters.

(*Perfectionnements aux ciseaux à tailler de biais.*)

Elijah S. Coon and Levi A. Johnson, Watertown, N. Y., U. S., 2nd March, 1876, for 5 years.

Claim.—1st. The combination with the base plate of the gauge or guide for the goods and the scissors holder placed at an angle to the line of feed or travel of the goods; 2nd. The gauge or guide and scissors holder arranged relatively to each other as described, and adjustable to increase or lessen the distance between them; 3rd. The combination of the gauge or guide for the goods, the scissors holder set at an angle to the line of feed or travel, and the presser; 4th. The slotted base plate with scales of division thereon, in combination with gauge or guide and the scissors holder adjustable one or both on said plate; 5th. The combination of the slotted base plate having scales of division thereon, the scissors holder, the gauge or guide, and the presser attached to and moving with said guide for operation.

No. 5747. Cook-Stove. (Poêle de cuisine.)

Charles Faucet, Sackville, N. B., 2nd March, 1876, for 5 years.

Claim.—1st. A cooking stove for burning coal having one or more independently arranged fire pots E, bearing on an ash-pit H, and supporting the top A, B, of the stove forwardly; 2nd. Constructing said stove of top and bottom parallel plates A, B, and a band C, having doors D, for feeding the fuel to the fire pot or fire pots; 3rd. Constructing said stove below the fire pot or pots with an ash-pit H, raised above the hearth plate J, and provided with doors and dampers I, in front; 4th. An elevated oven for stoves constructed of an inner and an outer section, the former removable telescopically; 5th. An elevated oven for stoves having annular flanged rings N, secured to the inner section P, and ring L, secured to the outer sections K, to form close connecting joints when the sections are telescoped together; 6th. The removable bars R, connecting at the ends with the rings N, L, for securing the sections of the oven together; 7th. The cast metal ring Q, for fitting the lining P, thereto; 8th. The provision of buttons S, applied to the ring N, for holding the sections together; 9th. The provision of a deflector plate T, having a flanged bearing E, for the inner section; 10th. The provision of holes W, W, on the sections K, for the passage of a wire to tie the buttons.

No. 5748. Machine for Folding and Pasting the Ends of Collars.

(*Machine à plier et coller les bouts des faux-cols.*)

Richard Jollyman and George N. W. Rice, (Assignees of C. Spofford), Montreal, Que., 2nd March, 1876, for 5 years.

Claim.—1st. The combination with a folding table A, a paste roller F, and one or more carrying chains B, of a reciprocating depressor G, and a reciprocating folder H; 2nd. The combination with a folding table A, a paste roller F, one or more carrying chains B, and a folding mechanism of compressing rollers L, and a heating drum E.

No. 5749. Self-Adjusting Wrench.

(*Cle à écrou mécanique.*)

Peter Campbell, Hamilton, Ont., 2nd March, 1876, for 5 years.

Claim.—The movable saw B, with its arm L, working on the projection c, in the box, in connection with the link E, the pins H, the lever or handle F, and the saw A.

No. 5750. Saw-Sharpening Machine.

(*Machine à affûter les scies.*)

William L. Covel, Beloit, Wis., U. S., 2nd March, 1876, for 5 years.

Claim.—1st. The yoke A, in connection with levers C, rods H, connection D, pitman E, screw I and block B. 2nd. The combination of the form head H and form 15, arms U and V, rod W, arm z, rock shaft y, arm z, feed head A, and rod 9. 3rd. The combination with the worm pinion L, and gear wheel m, movable bar t, and lever 7. 4th. The combination with the emery wheel arbor frame Q, and hanger 20, pulleys a, u, 13, and indirect screws 1; 5th. The combination of the track A, carriage B, cars C, and thumb screw d.

No. 5751. Improvements on Sewing Machines.

(*Perfectionnements aux machines à coudre.*)

George W. Simmons, (Assignee of T. S. L. Howard,) Boston, Mass., U. S., 2nd March, 1876, for 5 years.

Claim.—1st. The combination of the spring g, the looper a, and finger b, when by the slack of the loop of the under thread is properly taken up; 2nd. The detachable bed piece D, in combination with the bed piece F, and means for adjusting and securing them together; 3rd. The combination of the guard 4, and looper a.

No. 5752. Warp-Tension Regulator.

(*Régulateur de tension de la chaîne.*)

Alexander M. Fyfe, Cornwall, Ont., 2nd March, 1876, for 5 years.

Claim.—The combination with the warp roll A, of levers E, or equivalent devices connected with the latter or other moving part of the loom, and automatically causing a forward motion of the roll in unison with the opening and closing of the shed.

No. 5753. Bed and Seat Spring.

(*Resort de lit et de siège.*)

John M. Blenheim, Ont., 2nd March, 1876, (Extension of patent No. 809,) for 5 years.

Claim.—The arrangement of the frames a and b, slats c, springs e, upright pieces d, and staples f, and the combination and arrangement of the said frames a and b, slats c, springs e, upright pieces d, and staples f.

No. 5754. Improvements in Pot Covers.

(*Perfectionnements dans les couvercles de pots.*)

William H. Barker, Windsor, N. S., 2nd March, 1876, (Extension of patent No. 828,) for 5 years.

Claim.—The novel combination of the cover a, flap or lid b, and projection c.

No. 5755. Bag-Holder and Truck.

(*Union accroché-sac*)

John Hewitt, Hamilton, Ont., 3rd March, 1876, for 5 years.

Claim.—1st. In combination with a truck or beam, a bag holder constructed with a double hinge for holding up the bag J, a valve being fitted; 2nd. A bag holder consisting of the frames C, D, provided with lugs E, E, and F, F, respectively, and bar G, all hinged together with the pin H, and forming a compound or double hinge for holding and supporting a bag; 3rd. A bag-holder C, D, G, used in combination with a truck A, or an upright beam K, or its equivalent.

No. 5756. Method of Recovering Alkalies.

(*Procédé de récupération des alcalies.*)

Henrik C. F. Størmer, Christiania, Norway, 3rd March, 1876, for 5 years.

Claim.—1st. The rarefaction of the latent heat in exhaust steam for boiling and evaporating the fluids containing lye in the chemical manufacture of wood, paper pulp, &c. 2nd. The apparatus consisting of the boiler A, condenser F, pump G, vessel K and the various pipes and connections; 3rd. The reservoir N, the series of pipes o, in the evaporator, and the other parts of the apparatus.

No. 5757. Apparatus for Cutting, Dressing, Planing, Turning and Shaping Stone.

(*Appareil à tailler, polir, raboter, tourner et façonner la pierre.*)

John D. Brunton, London, Eng., 3rd March, 1876, for 5 years.

Claim.—Imparting to circular cutters a positive rotary motion on their own axis independent of the rotation which they would otherwise derive from their contact with the stone under operation.

No. 5758. Lamp-Burner. (Bec de lampe.)

Henry A. Chapin, New-York, U. S., 3rd March, 1876, for 5 years.

Claim.—1st. The combination of the body of a lamp burner, an extinguisher and a catch, whereby the burner is absolutely precluded from being removed from the reservoir or fount to which it may be applied until the said extinguisher is manipulated to put out the light; 2nd. The combination with a mouth or orifice in a filling tube provided in a burner or reservoir of a lamp, and a cover for such mouth or orifice of an extinguisher, and an appliance for precluding the opening of such mouth or orifice while the extinguisher is in its normal position; 3rd. The part of a burner consisting of the extinguisher G, rod and catch H; 4th. The part of a lamp burner consisting of the extinguisher G, and its rod; 5th. The extinguisher G, provided with a rod c, and combined with a lamp burner; 6th. The renewable wick tube tip provided with a tang or strap at the bottom for insertion between the lower portion of a wick tube proper to which the said tip may be applied and the adjacent parts of the body of the burner; 7th. The combination of an air distributor having on one side of the wick tube an opening of suitable size to permit the insertion of a match or other means for lighting the wick, and a cover for such opening preferably perforated to correspond with said air distributor; 8th. The combination with the body of a lamp burner of a filling tube extending upward through the same laterally outward beyond it, and provided at a considerable distance from the wick tube with a mouth or orifice fitted with a cover; 9th. The combination of the following elements to wit: The wick tube C, D, extinguisher G, catch H or its equivalent for precluding the replenishing of the reservoir or fount while the wick is a light, the opening through which the wick may be lighted, and a suitable cover for the latter.

No. 5759. Waggon-Jack. (Chèvre à voiture.)

Charles D. Knapp, Sutton's Flats, Que., 3rd March, 1876, for 5 years.

Claim.—The combination and arrangement of the levers C, D, and E, with the pedestal A, and post B.

No. 5760. Oat-Meal Cutter.

(*Hache-grau d'avoine.*)

Ferdinand Schumacher, (Assignee of A. J. Ehrlichson,) Akron, Ohio, U. S., 3rd March, 1876, for 5 years.

Claim.—The combination of the perforated plate C, and horizontal knives D, or their equivalent, both or either adapted to be moved.