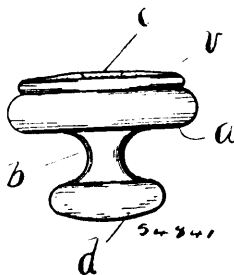
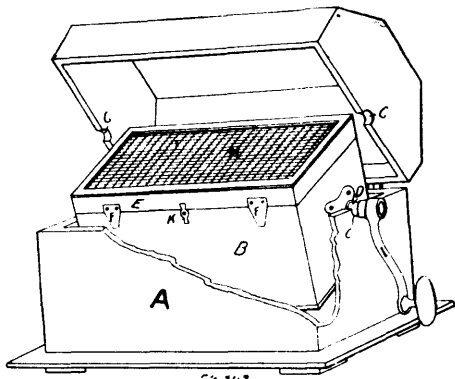


No. 54,841. Collar Button. (*Bouton de collet.*)

Joseph Goldsmith, Providence, Rhode Island, U.S.A., 3rd February, 1897; 6 years. (Filed 26th December, 1896.)

Claim—1st. An article of manufacture, a collar button, having a face of soft cork to come in contact with the skin, substantially as herein shown and described. 2nd. The combination in a collar button of a stem mounted on a foot and having a cap attached thereto containing a disc of zinc at the bottom, with a central stud of copper soldered to the disc on its top, and a face of soft cork on the outside of the zinc disc, substantially as described. 3rd. A collar button having a hollow or recessed cap *a*, a plate of zinc secured in the bottom thereof, and a central stud *c* secured thereto and projecting outwardly beyond the outer edge of the cap, combined with a perforated piece of cork which is fitted around the stud, and secured in position in the cap, substantially as shown. 4th. A collar button having a hollow recessed cap having its outer edges turned inwardly, a disc of zinc secured to the cap, and a stud of copper projecting from this zinc, combined with a circumferentially grooved and perforated piece of cork which surrounds the stud, and has the edge of the cap to catch in its groove, substantially as described. 5th. A collar button having a recessed or hollow cap, and a stud projecting from the centre thereof, combined with a perforated piece of cork which surrounds the stud and forms a bearing upon the button for the neck, substantially as set forth.

No. 54,842. Cinder Sifter. (*Crible à cendres.*)

George H. Meakins and Charles William Meakins, both of Hamilton, Ontario, Canada, 3rd February, 1897; 6 years. (Filed 2nd January, 1897.)

Claim.—A square box made of either wood or metal, and divided in the centre, either hinged at the back, or the top half to slip over the bottom part to form a tight joint, with holes to form journals at each end to receive the axles or trunnions of the cinder sifter box; the cinder sifter box being made square with a narrow top piece forming the lid and kept on its place by means of pins entering into holes made for the purpose of receiving them, the lid having wire gauze on top, and the box having gauze on the bottom, the box having a crank handle and shaft at one end, and an axle or trunnion at the other end, substantially as and for the purpose hereinbefore set forth.

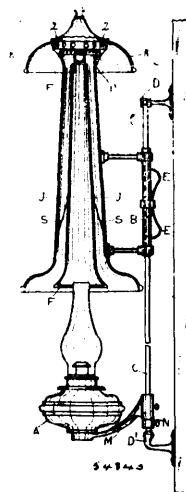
No. 54,843. Device for Heating and Lighting.

(*Appareil à chauffer et éclairer.*)

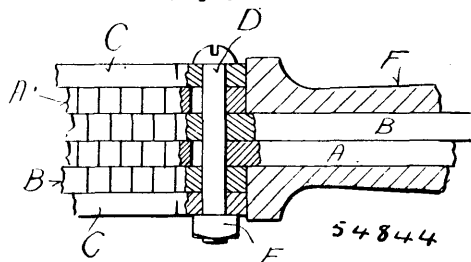
Peter Fraser, Hamilton, Ontario, Canada, 3rd February, 1897; 6 years. (Filed 8th January, 1897.)

Claim.—1st. In a device such as described, the combination with the burner, its chimney, and the round tapered heater having bell mouth and a discharge at the top, the round tapered radiator suspended concentrically within the heater with its lower end at the top of the chimney, means for positioning the lower end of the radiator and independent supports for the burner and heater, substantially as described. 2nd. In a device such as described, the combination with the burner, its chimney, and the long tapered radiator suspended over the chimney in position to receive the heated products passing therefrom, of the bell mouth of the heater surrounding the radiator with its walls parallel therewith and

springs to position the radiator within the heater, substantially as described. 3rd. In a device of the character described, the combi-

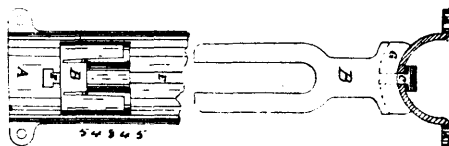


nation with the burner, the radiator suspended from the perforated cap on the heater above the burner in position to receive the heated products from the same and the heater surrounding the radiator, substantially as described. 4th. In a device of the character described, the combination with the vertical bar, the heater provided with arms which are secured into a vertical slide which is capable of sliding on said vertical bar, a spring secured to the slide and its ends capable of engaging with the bar, substantially as described. 5th. In a device of the character described, the combination with the vertical swivel bar, a horizontal swivel arm lamp with collar support capable of vertical adjustment on said bar, to raise and lower said lamp, substantially as described.

No. 54,844. Rasp. (*Râpe.*)

Edward Hue Cooper, George Augustus Bowen, Ebenezer H. Cameron, and Charles Louis Muentler, all of Fond du Lac, Wisconsin, U.S.A., 3rd February, 1897; 6 years. (Filed 2nd December, 1896.)

Claim.—1st. A rasp, comprising a plurality of bars held together by suitable means and each provided with a series of transverse teeth. 2nd. A rasp, comprising a plurality of bars held together by suitable means and each provided with a series of transverse teeth extending its full width. 3rd. A rasp, comprising a plurality of transversely toothed bars alternately adjustable in a longitudinal direction and held together by suitable means. 4th. A rasp, comprising a plurality of transversely toothed bars, all of which are provided with apertures, the latter in each alternate bar being elongated, and connecting devices such as bolts or screws engaging said apertures. 5th. A rasp, comprising a pair of fender-bars, a plurality of transversely toothed bars intermediate of the fender-bars, and suitable means for holding all the bars together.

No. 54,845. Drill. (*Foret.*)

A. B. Jardine & Co., assignee of Peter Jardine, all of Hespeler, Ontario, Canada, 4th February, 1897; 6 years. (Filed 23rd November, 1896.)

Claim.—1st. The table arm B, in combination with the link C and the pillar A, as and for the purpose specified. 2nd. The table arm B, having the annular groove G in combination with the link C and the pillar A, as and for the purpose specified. 3rd. The link C, in