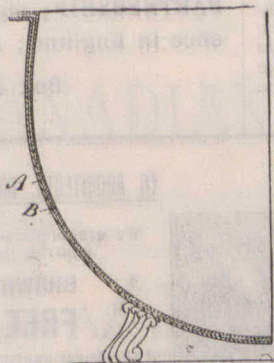


RECENT CANADIAN PATENTS.

THE following patents have recently been granted to Canadian inventors:—

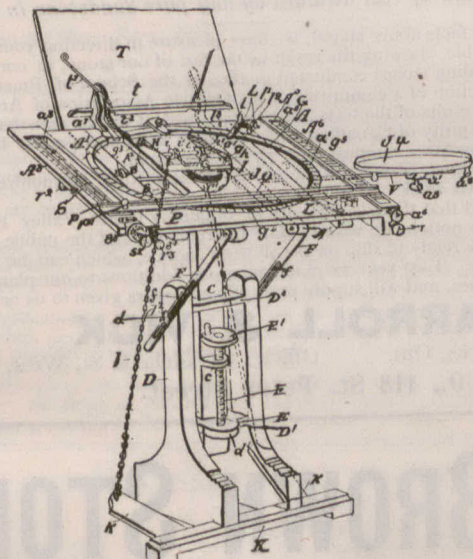
No. 48,804, for a bath tub, to George Booth, Toronto, Ontario, Canada, 1st May, 1895; 6 years.



BATH TUB.

A bath tub made in three sections, each section of which is composed of a sheet metal outer casing having an inner casing of copper, aluminum or other light, flexible material, and a lining of asbestos or other non-conducting material placed between the two casings substantially as and for the purpose specified.

No. 48,825, for a drawing table, to Samuel John Laughlin and James Hough, both of Guelph, Ontario, Canada, 2nd May, 1895; 6 years.

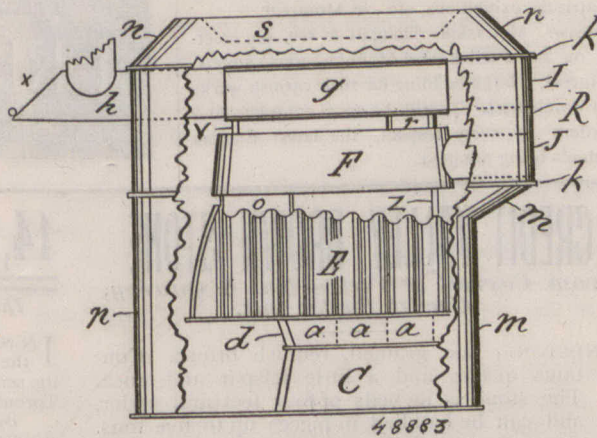


DRAWING TABLE.

The combination with a circular drawing board G, the arc-shaped clasps O, pivoted at o, on the edge of the board and designed to fit between the bent retaining pin o', and the edge of the board over the turned down corner of the paper, a spindle H, journaled in the bars H, H, extending between the central cross-bars A', A', and having a square upper end extending into corresponding hole in the plate at the bottom of the board, a pulley I, on the spindle h, guiding pulleys i, i, on the spindle i', extending between the cross-bars, a chain secured to the pulley I, and extending over the guiding pulleys i, i, the lower end of the chain being connected to the forward end of the pedals k, and the cross-bar K, secured to the lower portion of the standard, and extending out each way, and having the pedals hinged to it, a catch g<sup>o</sup> in its edge and means for rotating the table of stops adjustably held at each side, and within the sweep of the catch, the stops being located at approximately ninety degrees apart so as to permit of a ninety degrees swing to the board, screw pins I' extending through blocks I<sup>o</sup>, provided to adjust the stops to a nicety, a pivoted spring clamp secured at the rear of the table and having its free end extending over the board, a screw pin extending from the top of the table through the clamp, and a pressure knob screwed upon the screw pin above the clamp. The combination with the table A, provided with cross-bars and pivotally supported upon the spindle B, having bearings beneath the cross-bar upon the upper enlarged end of the vertical single standard C, the standards D, D having cross-bars D', through which the standard C extends, the bracket d' forming part of the cross-bar D', the bracket c forming part of the standard C, the screw spindle secured in the bracket d' and extending through the bracket c, and provided with a hand wheel, the slotted stays F, F pivotally connected to the cross-bars A', and secured to the standards D, D by the thumb screw d, d, extending through the slots having the raised ends A<sup>o</sup> and A<sup>o</sup> and a circular opening a, and circular board G, rotatably supported within the opening and having its surface flush with the surface of its raised ends of the rule P, extending across the board and raised ends and connected at both ends to cords by depending blocks and means whereby the cords are given a uniformity of movement, so as to keep the rule when being moved parallel to the rear and front of the table, the cords being endless and extending around

front and rear pulleys r and r', and wound around central pulleys r, which are secured at each end to the common spindle B, the scale A<sup>o</sup> held securely within the longitudinal recess a<sup>o</sup>, in any definite position by the adjusting screw a<sup>o</sup>, rotatable bar journaled in the recess a<sup>o</sup> and provided with longitudinal ratchet shaped notched strips and grooves longitudinally arranged, a catch tooth P depending from the rule and designed to engage with a notched strip of the bar when underneath the tooth, the scale marked collar s' on the supporting spindle s, the pointer S', knob s<sup>o</sup>, toothed wheel s<sup>o</sup>, and dog s<sup>o</sup>. In a drawing table in combination a circular drawing board rotatably supported having a pointer on the edge of the board and a protractor arranged around half of the circumferential edge of the board, suitably divided and indexed from nought to ninety from the centre outwardly to each end, a spring clamp for holding the board in any desired position and a rule arranged to have a parallel movement to a straight line between the ends of the protractor.

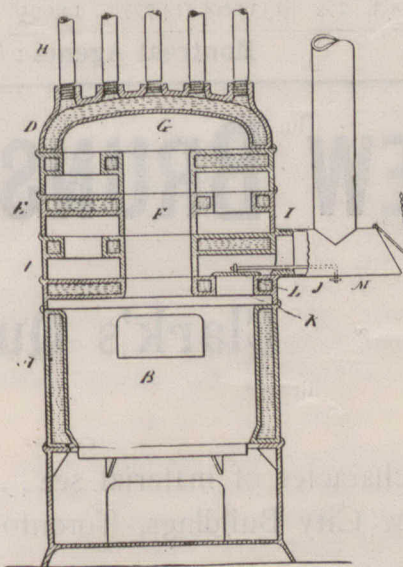
No. 48,883, for a domestic heating furnace, to John Albert Crossman and John Alfred Laws, both of Amherst, Nova Scotia, Canada, 8 h May, 1895; 6 years.



DOMESTIC HEATING FURNACE.

The combination in a domestic heating furnace of the ash-pit C, with the fire-pot d, and the body E, the combination of the body E with the radiator substantially as described.

No. 48,927, for a hot water boiler, to John Galt, Toronto, Ontario, Canada, 13th May, 1895; 6 years.



HOT-WATER BOILER.

In a hot-water boiler, a series of water sections, each of the water sections provided with an upwardly curved lip extending into the outflow to prevent the upflow of the water, from the lower water sections, interfering with the outflow of the water from the said section, and provided with a downwardly curved lip extending into the inflow, to direct the water from the inflow into the respective water section. A downward passage from the secondary chamber to the outlet to the chimney, a central partition separating the upward passage from the downward passage, and the outflow pipes connected to the topmost water section substantially as specified.

There is a tendency toward stronger colors in paperhangings, says the New York Upholsterer. For several years the protest against the very delicate shades has been in progress, till now really dark colors can be used. This, of course, gives the decorator an opportunity to employ rich reds, vivid greens and glowing yellows. It gives him a better opportunity, also, to consider appropriateness in decoration. The rooms are different, and used for different purposes; hence, even in the cheap styles of decoration, he may select colors, not simple tints, to suit Radical colors, even, are coming into vogue.