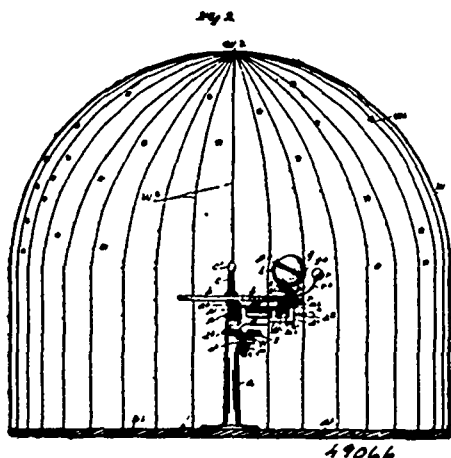
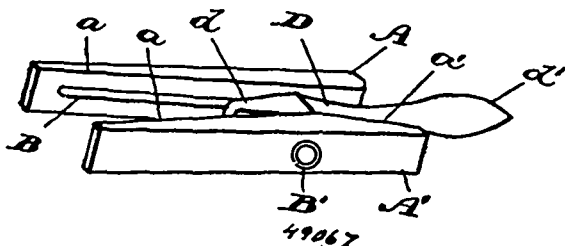


adapted to permit the observer to be located with the observing apparatus within the same, the interior of said dome being marked to exhibit the heavenly bodies, substantially as and for the purpose set forth. 2nd. An artificial celestial sphere marked by means of perforations to exhibit the heavenly bodies, constructed in the form of a dome, adapted to exclude external light, except where passed



by said perforations and to permit the observer to be located with the observing apparatus within the same, the said perforations indicating stars being so disposed as to represent the relative positions of the stars in the heavens, substantially as described. 3rd. The combination, with the central support, of the elliptical table or orbit, the automatically extensible and contractible arm pivoted on said support, provided with a vertical socket in its outer end, the earth globe support loosely mounted in said socket, the loose roller on said earth globe support in frictional contact with the edge of said table and revolved thereby, and the moon globe carried by said roller, substantially as and for the purpose set forth. 4th. The combination, with the support a a^2 , the table b held by said support, the extensible bracket d , d^1 , pivoted on the rod a^2 , and provided with the socket d , the telescoping shafts e , e^1 , the spring d^5 , connecting the bracket sections d , d^1 , the crank shaft f , in socket d^2 , having the spindle f^1 , the driving hub k , loose on the spindle f^1 , and provided with the gear k^1 , the earth globe g , on the spindle f^1 , driven from hub k , the loose sleeve n , on crank shaft f , provided with the gears m^1 , m^2 , the former of which engages the gear k^1 , the gear m^2 , engaging gear m^1 , the mitre gears n , n^1 and p , p^1 , as shown and described, the loose roller r , on the hub m , and the moon globe r^1 , carried by said roller r , all arranged and operating, substantially as described.

No. 49,067. Quoin. (Coin.)



Richard Kinsman, Gault, Ontario, Canada, 1st June, 1895; 6 years.

Claim.—1st. A quoin consisting of two wedges, and a lever pivotally connected to and adapted to expand the wedges, substantially as described. 2nd. A quoin consisting of two oppositely opposed wedges, a lever pivotally connected to and adapted to expand the wedges, and means for longitudinally adjusting one of the wedges to increase or diminish the expansion capacity of the quoin, substantially as described. 3rd. A quoin consisting of two oppositely opposed wedges, the inner face of one of the wedges composed of two inclined planes, a wedge-shaped expansion lever pivotally connected to and adapted to hold together the said wedges, a longitudinal slot through the side of one of the wedges, adapted to form the bearing for its respective end of the spindle of the expansion lever, and to permit of the longitudinal adjustment of the wedge, substantially as described.

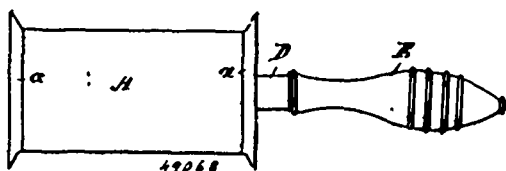
No. 49,068. Hair Dryer. (Séchoir pour les cheveux.)

Joseph Edward Auger, Montreal, Quebec, Canada, 1st June, 1895; 6 years.

Claim.—In a hair dryer, the combination with a closed hollow cylinder, having flanges around its edges, an annular plate secured

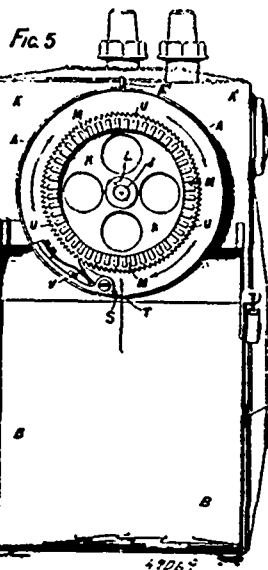
centrally on one of the ends of the said cylinder, a conical perforation in the said plate and passing through the said end of the cylinder, an internally threaded extension formed integrally with the

Fig. 1.



said plate, of a handle adapted to be screwed into the said extension, and a conical stopper adapted to close the said perforation, substantially as set forth.

No. 49,069. Coin Freed Apparatus for the Sale of Gas. (Appareil actionné par une pièce de monnaie pour la vente du gaz.)



Richard Thomas Glover, and John George Glover, both of London, England, 1st June, 1895; 6 years.

Claims.—1st. In a coin freed apparatus for the sale of gas, a circular plate C, divided or marked-off by holes or slots E, on its outer circumferential face into divisions representing definite quantities of cubic feet and having a slot D, and a projection or stop F, on the inside face of said plate C, and the combination therewith of a hook or fixing pin E, adapted to enter the said holes or slots E to fix the plate C, with its slot D, and stop F, in a given position for limiting and controlling the movement in one direction of a money tube P, and shield N, arranged behind said plate C, the tube P, being adapted to receive a coin when in contact with the limiting stop F, as and for the purposes described. 2nd. In a coin freed apparatus for the sale of gas, the combination with a plate C, having holes E, slot D, and stop F, and a revolving money tube P, and shield N, arranged behind said plate C, of a stop plate S, arranged on the inner periphery of a box for limiting the rotative movement of said money tube, as and for the purpose described. 3rd. In a coin freed apparatus for the sale of gas, the combination with a plate C, having holes E, slot D, and stop F, and a revolving money tube P, and shield N, arranged behind said plate C, and a stop plate S, arranged on the inner periphery of a box A, of which the plate C, forms the cover, a plate K, with face notches M, adapted to be rotated by the handle R, on the insertion of a coin into the tube P, the amount of rotation being determined by the position and distance of the stop F, from the stop plate S, as described and shown.

No. 49,070. Refrigerator. (Réfrigérateur.)

Martin Warner, Yorktown, Indiana, U.S.A., 1st June, 1895; 6 years.

Claim.—1st. The described method of compelling circulation of the refrigerating agent consisting in creating a vacuum in front of said agent and subjecting it to the action of a blast of air from the rear, for the purposes set forth. 2nd. The described method of