

assisting parturition, in combination, a cup or similar receptacle formed of a yielding substance, and means, substantially as described, to exhaust the air from said cup and a plunger connected with said cup. 13th. In an apparatus for assisting parturition, in combination, a cup or similar receptacle formed of rubber, and means, substantially as described, to exhaust the air from said cup and a plunger connected with said cup. 14th. In an apparatus for assisting parturition, a cup or similar receptacle formed of a flexible material and provided with a broad concave base or lower edge. 15th. In an apparatus for assisting parturition, a cup or similar receptacle formed of rubber and provided with a plunger and a broad concave base or lower edge, substantially as described. 16th. In an apparatus for assisting parturition, a cup or similar receptacle formed of a flexible material and provided with a broad concave base or lower edge, the sides of said cup decreasing in thickness from said base, and provided with a plunger extending into said cup. 17th. In an apparatus for assisting parturition, a concave rubber disc provided with a plunger. 18th. A concave rubber disc, the wall of said disc decreasing in thickness from the base, said disc being provided with a plunger. 19th. In combination, a cup or similar receptacle provided at its lower edge with flaps of a yielding substance and a plunger adapted to force the air from said cup. 20th. In an apparatus for assisting parturition, in combination, a cup or similar receptacle formed of a rigid substance, flaps formed of a yielding substance secured to the bottom of said cup, an opening in the top of said cup, and means, substantially as described, to exhaust the air in said cup. 21st. In an apparatus for assisting parturition, in combination, a cup or similar receptacle formed of a rigid substance, flaps of rubber secured to the bottom of said cup, an opening in the top of said cup, and means, substantially as described, to exhaust the air in said cup.

No. 40,812. Brake. (Frein.)

Christopher Columbus Reynolds, Henry William Hooton and Matilda Matsey Mercy Busby, all of Salt Lake City, Utah, U. S. A., 2nd November, 1892; 6 years.

Claim.—1st. In a brake, the combination of the vehicle tongue C, the rod D, having the bifurcated forward end *d*, brake beam B, carrying shoes B¹, B¹, the diagonal rods F F pivoted to the rod D and likewise to the brake beam and the beam supports J J bolted to the vehicle axle, said supports being provided with nuts located on each side of the axle whereby the supports may be adjusted to compensate for wear on the brake shoe, substantially as described. 2nd. In a brake, the combination of the hollow vehicle tongue C, the rod D enclosed within the same and having a bifurcated forward end *d*, the brake beam B carrying shoes B¹, B¹, the diagonal rods F F pivoted to the rod D and likewise to the brake beam, the beam supports J J bolted to the vehicle axle, said supports being provided with nuts located on each side of the axle whereby the supports may be adjusted to compensate for wear on the brake shoes, the pivoted lever G, the connecting rod H, pivoted thereto, the part I fastened to the brake beam together with the locking devices with which the lever G is provided. 3rd. In a brake, the following parts in combination: the hollow tongue C, the rod D enclosed within the same and having a bifurcated forward end *d*, the brake beam B carrying shoes B¹, B¹, the diagonal rods F F pivoted to the rod D and likewise to the brake beam, the beam supports J J bolted to the vehicle axle, said supports being provided with nuts, located on each side of the axle, the pivoted operating lever G for the brake beam, provided with locking devices, the connecting rod H pivoted thereto, the part I, the supplemental lever G¹ secured to the upper end of the lever G, and the cord *i* connected to the locking devices of said lever G, substantially as described.

No. 40,813. Door for Elevators.

(*Porte pour Elevateurs.*)

William E. Marlett, La Salle, Illinois, U. S. A., 2nd November, 1892; 6 years.

Claim.—1st. The combination with doors for elevator shafts such doors provided with cogs of an elevator cage provided with racks and gearing intermediate the doors and cage whereby the former are operated by the latter as set forth. 2nd. The combination with doors for elevator shafts such doors provided with cogs arranged in the arc of a circle of an elevator cage provided with racks and gearing intermediate the doors and cage whereby the former are operated by the latter as set forth. 3rd. The combination with doors for elevator shafts carrying quadrant shaped frames provided with cogs of a shaft formed with a screw an elevator cage provided with a rack and gearing intermediate the cage and shaft whereby the latter is operated by the former as set forth. 4th. The combination, with a shaft formed with a screw pinions mounted upon the ends of the shaft pinions meshing therewith and cogs of a cage provided with a rack to engage the cogs and doors carrying quadrant shaped frame provided with cogs to engage the screw as set forth.

No. 40,814. Apparatus for Distilling Oils.

(*Appareil pour la distillation des huiles.*)

Evan Alfred Edwards, Toledo, Ohio, U. S. A., 2nd November, 1892; 6 years.

Claim. 1st. In an apparatus for distilling oil, the combination, with a suitable receptacle, of a series of vaporizers arranged in the

same, a steam and an oil supply pipe connecting therewith at one end, and a series of condensing traps connected therewith at the opposite end. 2nd. In an apparatus for distilling oil, the combination, with a flue boiler, of a series of vaporizers arranged in the flues of the same, an injector having an air inlet carried by one end of the said vaporizers and connecting with a steam and oil supply pipe, a series of condensing traps, and a tortuous duct connecting the vaporizers and condensing traps. 3rd. In an apparatus for distilling oil, the combination, with a flue boiler, of a series of vaporizers arranged in the flues of the same, a supply tank, a cistern, means for forcing the water from the cistern to the tank, a pipe connecting the vaporizers and supply tank, and a series of condensing traps connected with the vaporizers. 4th. In an apparatus for distilling oil, the combination, with a flue boiler, of a series of vaporizers arranged in the flues of the same, a steam and an oil supply pipe connecting therewith at one end, a series of condensing traps connecting therewith at the opposite end, a burner, and a pipe connecting the connecting the condensing traps and burner.

No. 40,815. Tailors' Stove. (Poêle de tailleur.)

Albert Lundstrom, New Glasgow, Pictou, Nova Scotia, Canada, 2nd November, 1892; 6 years.

Claim.—1st. A tailors' stove consisting of two sheet iron boxes placed one within the other, having a cool air space between them, substantially as and for the purposes hereinbefore set forth. 2nd. A tailors' stove consisting of two sheet iron boxes placed one within the other, having a cool air space between them, each box having a hinged cover, and the outer box having air inlets *d, d, d*, the inner box having a perforated iron bottom *g*, resting the bricks *a, a*, and an iron bar, the inner box having a row of brick *b, b*, resting on the inside of the bottom on which the tailors' irons are placed for heating, substantially as and for the purpose hereinbefore set forth. 3rd. In a tailors' stove, the combination of two sheet iron boxes, one within the other, having a cool air space all around the ends back and front, and an air space between the covers of said boxes, each box having a hinged cover, the outer box having air inlets, a smoke hole, a space in front for the ash pan, an ash pan, bricks and an iron bar upon which rests the inner box, the inner box having a perforated iron bottom, a smoke hole; a row of bricks resting on the inside of the bottom of the inner box upon which the tailors' irons are placed, substantially as and for the purposes hereinbefore set forth. 4th. A tailors' stove, comprising in its make up and having in combination the following parts, two sheet iron boxes, one within the other, having a cool air space all around the ends, back and front, and an air space between the covers of said boxes, each box having a hinged cover, the outer box having air inlets, a smoke hole, a space in front for the ash pan, an ash pan, bricks, and an iron bar upon which rests the inner box, the inner box having a perforated iron bottom, a smoke hole, a row of bricks resting on the inside of the bottom of inner box, upon which the tailors' irons are placed, substantially as and for the purposes hereinbefore set forth.

No. 40,816. Machine for Changing Money.

(*Appareil pour changer la monnaie.*)

Samuel J. Taylor, St. Thomas, North Dakota, U. S. A., 2nd November, 1892; 6 years.

Claim.—1st. The combination, in a device of the class described, of a frame having side pieces 2, with cross bars, top and floor therefor, slots 9 arranged in the said side pieces, key rods, and the removable notched guide plates arranged in sections and adapted to be held in the slots of said frame, substantially as described. 2nd. The combination, in a device of the class described, of a supporting frame having high sides 2, with cross and brace bars therefor, the top 25¹, having guide ribs 25, the key and key rods, guide plates 10 and 12 notched to receive said rods, said plates being removably secured in said frame, the levers 14 having their upper ends confined by said guide ribs 25, lugs 13 in connection with said key rods and adapted to engage said levers, coin receptacles arranged beneath said keys, slides 19 arranged directly beneath the several compartments thereof, adjustable links connecting the lower ends of said levers 14, and said slides 19, and a grooved floor 50 wherein said slides are adapted to operate, substantially as described. 3rd. The combination, in a device of the class described, of levers 14 with coin receptacles having ejecting slides 19 adapted to be operated by said levers, guides 25 for the upper ends of said levers, keys B, arranged in the upper part of the machine, key rods 8, lugs 13 arranged in connection therewith, and adapted to engage said levers 14, the frame sides and the notched sections 10 arranged in the front and back of the frame and adapted to support said key rods, substantially as described. 4th. The combination, in a device of the class described, of the frame with the notched sections 10 and 12 arranged in the front and back of the same, the key rods 8 having a rectangular cross section and held in the notches or openings 11 of said sections, keys B on the forward ends of said rods, coin receptacle slides 19 therefor, levers 14 linked thereto and extending up between said key rods, the lugs 13 formed upon said keys, the reach connections 15, said keys and rods being arranged in inclined banks as described, whereby space is economized, substantially as described. 5th. The combination, in a device of the class described, of the key rods and keys arranged thereon, with longitudinal guides for said rods, levers 14 adapted to be operated by the movement of said keys,