No. 34,270. Machine for Washing Dishes.

(Machine à laver la vaisselle.)

Williston F. W. Lent, Ridgetown, Ont., 7th May, 1890; 5 years. Claim.—The combination, with the tray or tub, the cylinder and set forth.

No. 34,271. Car Axle Lubricator.

(Graisseur d'essieu de char.)

Jesse N. Dewey, Toledo, Mich., U.S., 7th May, 1890; 5 years. Claim.—1st. A means for lubricating car axle journals, consisting of a removable pan located in the journal box, said pan adapted to hold the absorbent, through which the lubricant is fed to the axle journal by capillary attraction, substantially as described. 2nd. A means for lubricating car axle journals, consisting of a removable pan located in the journal box, a quantity of metal shavings or similar material in the bottom of said pan, and a small covering of waste or similar material placed on said metal shavings, the construction being such, that the lubricant will be drawn to the axle journal through the material in the pan by capillary attraction, substantially as described. 3rd. In a car axle lubricator, a removable pan for holding the absorbent, through which the lubricant is drawn to the axle journal, said pan provided with flanges extending at an angle from the sides thereof, substantially as described. 4th. In a car axle lubricator, a removable pan for holding the absorbent, through which the lubricant is drawn to the axle journals, said pan provided with the flanges dd, prongs ribs G, and braces G¹, and fins d³, substantially as described. Claim.—1st. A means for lubricating car axle journals, consisting

No. 34.272. Coffer Dam. (Batardeau.)

George K. Kirkham, Brooklyn, N.Y., U.S., 7th May, 1890; 5 years.

Claim.—Ist. A coffer dam, provided with solid gates hinged to the sides of the dam, combined with series of arms pivoted to the edges of said gates, as and for the purpose described. 2nd. In a coffer dam provided with solid gates hinged to the sides thereof, with offsets formed in the edges of the gates, series of arms pivoted to the offsets in said gates, as and for the purpose described.

No. 34,273. Sheathing Joint.

(Joint de revêtement.)

Sarah E. Sword, (assignee of Robert Sword,) Kemnay, Man., 7th May, 1890; 5 years.

May, 1990; 3 years. Claim.—1st. The sheathing joint, consisting of a dovetail shaped rabbet b b b b the rear of the edge of a board, and a corresponding tongue on the edge of the adjoining board, being the exact counterpart of said rabbet, substantially as set forth. 2nd. A sheathing board having a dovetail shaped rabbet b b b b at the rear of one edge, and a corresponding tongue being the exact counterpart of said rabbet at the other edge, substantially as set forth.

No. 34,274. Wrench. (Clé à écrou.)

The Campbell Printing Press and Manufacturing Company, New York, (assignee of Edward S. Boynton, Brooklyn,) N.Y., U.S., 7th May, 1890; 5 years.

Claim.—In an adjustable wrench, operating to rotate pipes or rods by means of a wedge shaped opening, on what is known as the alligator principle, the combination of a toothed or serrated jaw on one taining one or more steps or stops as 2, 3, whereby the opening between the jaws may be so adjusted that a firm hold is taken by the toothed jaw, and flattening or crushing of the pipe or rod avoided, substantially as set forth.

No. 34,275. Hame. (Attelle.)

James E. Bull, Edward E. Bull, William N. Byers and Einer O. Nut-hurst, Tracy, Tenn., U.S., 7th May, 1890; 5 years.

James E. Bull, Edward E. Bull, William N. Byers and Einer O. Nuthurst, Tracy, Tenn., U.S., 7th May, 1890; 5 years.

Claim.—Ist. A T-shaped hame, provided with a projection b³ lying receive a ring in the space between it and the hame, and hame soribed. 2nd. The same and closing said space, substantially as deed portion, and having a projection b³ arranged parallel with a flattenhame, and forming a space adapted to receive a ring, and a hame the projection of the space and the projection b³ arranged parallel with the hook provided at its rear end with a plate having a recess to receive tion and the hame, and adapted to close the space between the projection b³. And adapted to close the space between the projection b³ arranged parallel with the hook provided at its rear end with a plate having a recess to receive the ame, and confine a ring in said space, substantially as longitudinal ridge a, and the flattened portion a², said ridge terminand terminating below the flattened portion in a projection b³ extendreceive a ring, and the hame, and forming a square shoulder, ing parallel with a hame, and forming a square or opening adapted to vided with a rectangular notch to receive the square shoulder, and a square shoulder, and the hame hook having at its rear end a plate provided with a rectangular notch to receive the square shoulder, and a flattened portion, and reasin a ring, substantially as described ridge a, and at flattened portion a², said ridge terminating above the battened portion are specially as described ridge a, and at flattened portion a² square shoulder, and terminating below the flattened portion in a projection b³ extending parallel with a hame, and providing an opening or space adapted for the reception of a ring, the lug a³, and the hame hook provided at its rear end with a plate, having at its upper edge a rectangular notch to receive the square shoulder, and terminating below the flattened portion in a projection b³, and provided it its lower face with a notch b³ adapted to

be engaged by the $\log a^b$, said plate closing the space between the projection b^a and the hame, and confining a ring, substantially as described. 5th. The hame, having its lower end curved and provided with a lateral flange a^b , and having at a suitable distance from its lower end a $\log a^a$, and a curved lever pivoted to the lateral flange, and conforming closely to the configuration of the hame and lying nearly its entire length within the outer edge of the hame, said lever being adapted to engage the $\log a^a$, and to carry a chain, substantially as and for the purpose described.

No. 34,276. Fruit Basket and Package.

(Panier à fruits.)

The Ontario Basket Company, (assignee of William H. Chilman), Walkerville, Ont., 7th May, 1890; 5 years.

Claim.—1st. In combination with a fruit basket or package, of a cover formed of an inner and an outer hoop, and a covering of leno, tarlatan, wire netting, or equivalent material, having its edges secured between the said hoops, substantially as and for the purpose specified. 2nd. The combination, with a fruit basket or package, of a double hoop or band a b, the covering of leno, tarlatan or equivalent material, having its edges secured between the said hoops, and the reinforcing bridge e secured to the inner hoop, and the seat f fastened to the upper side of the bridge, all constructed and arranged substantially as and for the purpose specified.

No. 34,277 Metallic Wheel.

(Roue métallique.)

Thomas Hill and Charles G. Comstock, Quincy, Ill., U. S., 7th May, 1890; 5 years.

Claim.—As a new article of manufacture, a metal wheel having the hub and the inner ends of the arms or spokes cast integral, and the outer ends of the arms or spokes welded to the inner ends, sub-stantially as and for the purpose set forth.

No. 34,278. Vehicle. (Voiture.)

Harlan P. Wells, Jason Spofford, Jr., Amesbury, Mass., U. S., and Edward N. Heney, Montreal, Que., 7th May, 1890; 5 years.

Claim.—1st. In a vehicle of the class named, the combination with a body of a portable seat folded, when not in use, inward under the seat proper, all as herein set forth. 2nd. In a vehicle of the class named, the combination with the body, of a portable seat carried on curved projecting arm spivoted to the bottom of the body, as herein described and for the purposes set forth. 3rd. As an improvement in vehicles, the herein described portable seat, which consists of the seat al, with the arms a provided with the slots a, constructed and adapted substantially as described, for the purpose set forth. 4th. In vehicles of the class herein named, the portable seat al, having the slotted arms a, in combination with the raised rib a and bolts a, constructed and arranged in the manner herein described for the purposes set forth.

No. 34,279. Liquid Shake. (Agitateur de liquide).

The American Shaker Company, Minneapolis, (assignee of John Stubbs, Long Lake), Minn., U. S., 7th May, 1890; 5 years.

The American Shaker Company, Minneapolis, (assignee of John Stubbs, Long Lake), Minn., U. S., 7th May, 1890; 5 years.

Claim.—1st. In a device of the class described, the combination of a rotary frame, recoptacles pivotally supported upon said frame, and each adapted to receive a rotary motion upon its own axis as said frame is rotated, substantially as described. 2nd. The combination, with a stationary wheel, of a frame mounted upon a support at the center of said wheel, and adapted to rotate thereon, receptacles pivotally supported upon said frame, and means connecting the supports of said receptacles with said fixed wheel, whereby as said frame is rotated upon its own axis, said receptacles are each given an independent rotary motion upon its own axis, substantially as described. 3rd. The combination, with the stationary wheel, of the rotary frame mounted upon a support at the center of said wheel, receptacles arranged on pivoted supports on said frame and connecting devices between said wheel and said supports, whereby as said frame is rotated, each of said receptacles is given an independent, rotary motion upon its own axis, substantially as described. 4th. The combination, with the stationary wheel, of the rotary frame mounted on a support at the center of said wheel, receptacle holders or supports pivoted in said frame, and provided with wheels 28, and belts 30 passing around said wheel 5, and around said wheels 28. Sth. In a device of the class described, the combination, with the rotary frame, of the pivoted receptacles, of the screw for clamping said frame, for the purpose set forth. 6th. The combination, with the rotary frame, of the pivoted receptacles, and the holders adapted to hold the covers upon said receptacles, and the receptacles in the holders, substantially as described. 7th. In a device of the class described, the combination, with the receptacle holders, and the bails pivoted to said holders, and provided with locking levers, substantially as described.

No. 34,280. Automatic Railroad Alarm and Signal. (Alarme et signal automatiques de chemin de fer.)

Milton M. Souder and Peter G. Ringer, Lititz, Penn., U.S., 7th May, 1890 ; 5 years.

Olaim.—lst. The combination, with the key, of a treadle for operating said key, and a block through which the treadle acts upon the key, removably interposed between the key and treadle, as set forth. 2nd. The combination, with the key placed near the rail of a