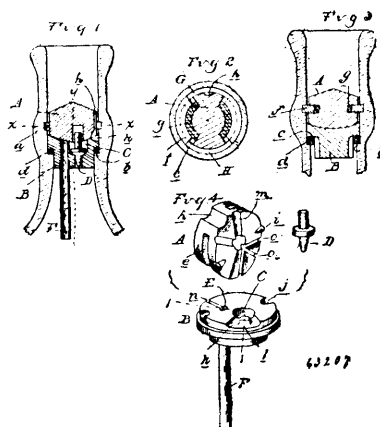
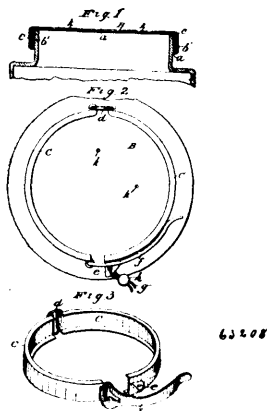


the neck and provided upon opposite sides with expanding locking keys co-operating with the recess in the neck of the bottle to lock



said upper part therein concentrically therewith and thereby form open spaces on opposite sides between said keys and channels in one or both of the meeting faces of the lower and upper part connecting one of said open spaces with the valve controlled passage in the lower part. 2nd. The combination with the neck of a bottle having a shoulder formed therein near its base and an annular recess above the same, of a stopper comprising a lower part having a shoulder adapted to seat said lower part on the shoulder in the neck and an upper part fitting loosely within the neck and provided upon opposite sides with expanding keys adapted to lock into the recess of the neck and with a groove in its outer face between the keys, a valve controlled passage through the lower part communicating with the lower end of the groove in the upper part, and a vent passage through the lower part communicating through a channel in the top of said part, with the side of the neck opposite to that in which the groove in the upper part is located. 3rd. The combination with a bottle, of a stopper therefore, comprising a lower part provided with disconnected vent and discharge passages, a valve seated in the discharge passage, a separate upper complementary stopper part having a discharge channel therein communicating with the discharge passage in the lower part by means of a groove formed between the meeting faces of the stopper parts, said parts also having formed between them a vent passage communicating with the vent passage in the lower stopper part, and means for retaining the upper stopper part in the bottle neck. 4th. The combination with a bottle, of a stopper comprising a lower part provided with a separate disconnected vent and discharge passages therethrough, and with radial grooves in the upper face connecting with the discharge and vent passages, a valve seated in said discharge passage, a separate upper complementary stopper part of smaller diameter than the interior of the bottle neck, and provided with a discharge channel, and a vent groove in the lower face thereof adapted to communicate with the vent passage in the lower stopper part and extending to the side of the upper stopper part, and means for locking the upper stopper part in the bottle neck.

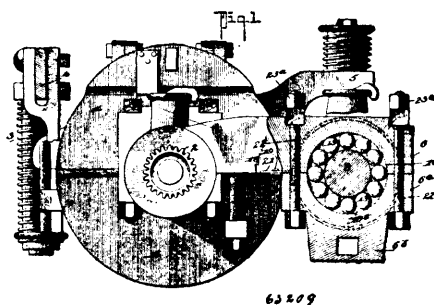
**No. 63,208. Jar Closure.** (*Fermeture de jarres.*)



The Phoenix Car Co., assignees of Alfred L. Weissenthaner, all of New York City, New York, U.S.A., 5th June, 1899; 6 years. (Filed 27th February, 1899.)

**Claim.**—1st. A closure for preserving vessels comprising in combination a thin metal lid, a cover having a depending flange around its edge lined with a compressible material, a removable clamping device surrounding the flange and engaging a shoulder on the neck of the receptacle for holding the cover firmly in place, substantially as described. 2nd. A closure for preserving vessels comprising in combination a thin metal lid, a flanged cover having the flange lined with compressible material, said cover being provided with one or more air-holes, and a removable clamping device surrounding the flange of the cover and holding the latter firmly to the neck of the bottle, substantially as described. 3rd. The combination with a preserving vessel having a tapering neck, of a closure comprising a thin metal lid, a flange cover having the flange lined with compressible material adapted to engage against said tapering neck, and the clamping ring, substantially as described. 4th. The combination with the preserving vessel, of the flanged cover having a lining of compressible material, a clamping strap having on one of its meeting ends a lug, and on the other a slotted lever or handle, adapted to engage said lug to tighten the strap and draw the cover down tightly against the vessel, and a seal or locking device attached by means of a perforation in said lug, substantially as described.

**No. 63,209. Electric Motor.** (*Moteur électrique.*)



The Safety Third Rail Electric Co., New York City, New York, assignee of John McLeod Murphy, Torrington, Connecticut, U.S.A., 5th June, 1899; 6 years. (Filed 13th August, 1898.)

**Claim.**—1st. As an improvement in axle bearings for electric motors, the combination with the axle and the fixed hanger devices for supporting the motor at one end of the motor, frame having divided axle receiving sections and having semi-circular seats forming the axle passage, the outer ends of the said sections being formed with annular concaved seats forming ball races, the balls held therein, and ball holding caps longitudinally adjustable on the axle but held from engagement with the motor frame, all being arranged substantially as shown and described. 2nd. The combination with the axle, of the motor frame having its front end formed of upper and lower sections, said sections having semi-circular seats to embrace the axle and having annular ball race grooves in the ends and internally threaded enlarged annular recesses, the cap plates having ball race portions on their inner faces, externally threaded hubs to engage the threaded recesses in the ends of the motor sections, said threaded hubs being of a less diameter than the said threaded recesses, and the bearing balls, all being arranged substantially as shown and described. 4th. The combination with the axle and the motor frame having its front end formed of upper and lower sections, said semi-circular seats forming the axle apertures, and having their ends provided with annular ball race portions and internally threaded annular recesses, and the bearing balls seating in the said motor ball race portions, of the retaining caps having internal ball grooves, an annular threaded hub adapted to engage with the internally threaded recesses of the motor ends, but of slightly less diameter than such recesses whereby the threads will be held out of frictional engagement whose the caps are properly adjusted, said caps having toothed discs, and the adjustable lock detents, device for holding the caps from turning in the axle, all being arranged substantially as shown and described.

**No. 63,210. Bicycle Lamp.** (*Lampe électrique.*)

The Electro Lamp Company, assignee of Eugène Moreau, all of New York City, New York, U.S.A., 6th June, 1899; 18 years. (Filed 13th January, 1899.)

**Claim.**—1st. In a lamp the combination of a casing, containing calcium carbide, a water reservoir surmounting the same, a valve seat interposed between the two, said valve seat having a passage extending through it for the passage of water, a projection on said seat for conducting the water directly to the carbide, and a valve for controlling the passage in said seat, substantially as shown and described. 2nd. In a lamp, the combination of a casing, containing calcium carbide, a water reservoir surmounting the same, a valve seat interposed between the two, said seat having a water passage extending through it, a projection and nozzle on said seat, located