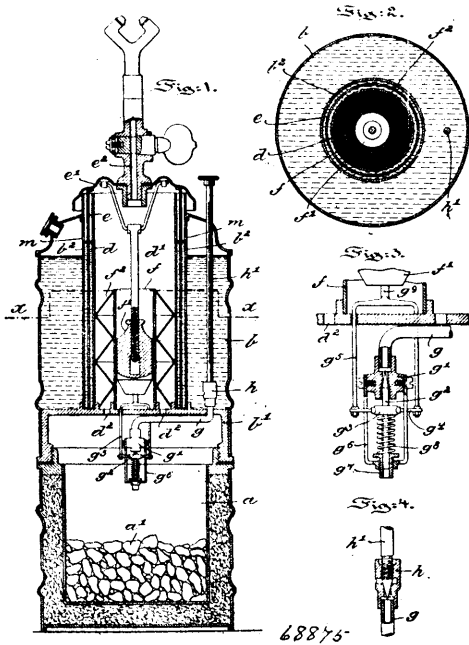
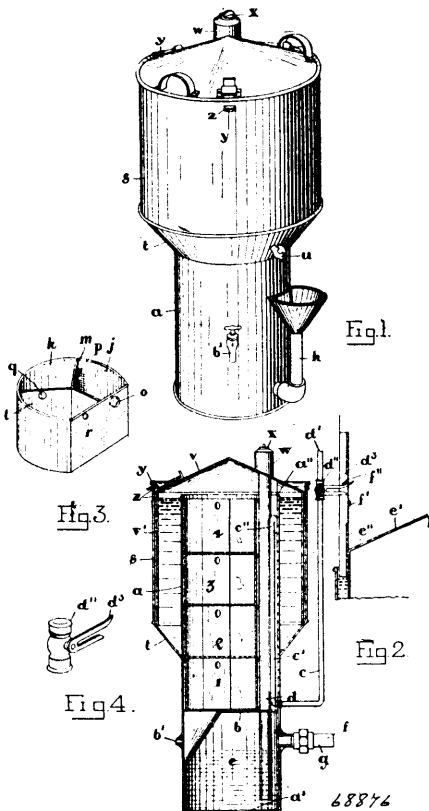


located on said pipe and enclosed in the generator chamber, a stem adapted to control said valve, a spring normally adapted to move



said stem in one direction, a yoke carrying said stem and extending into the gasometer under tension of said spring and means carried by the gasometer for depressing said yoke and stem against the tension of said spring when said gasometer falls within the water chamber, substantially as and for the purposes described.

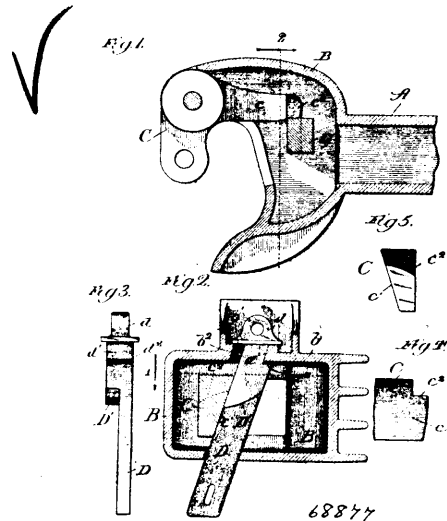
No. 68,876. Acetylene Gas Generator.
(Générateur de gaz acétylène.)



John D. Forsyth, Stouffville, Ontario, Canada, 2nd October, 1900;
6 years. (Filed 23rd April, 1900.)

Claim.—1st. An acetylene gas generator embracing in its construction a generating cylinder, a series of removable carbide trays contained in the generating cylinder, each tray divided into a series of sections provided with ports communicating with each other and with the generating cylinder, a water jacket surrounding the upper part of the generating cylinder, a removable cover for the generating cylinder the sides of which are contained in the water jacket, a water supply pipe for the generating cylinder, a purifying chamber, a gas outlet pipe communicating with the upper part of the generating cylinder and purifying chamber, and an outlet pipe for the purifying chamber to communicate with the gas mains, substantially as specified. 2nd. An acetylene gas generator, embracing in its construction a generating cylinder having a closed bottom and open top, a false bottom in the generating cylinder forming between itself and the true bottom a purifying chamber, a gas outlet pipe for the generating cylinder to convey the generated gas from the upper part of the same to the purifying chamber, an outlet for the purifying chamber to communicate with the gas mains, a series of removable carbide trays in the generating cylinder above the false bottom, each tray divided into a series of sections by internal partitions having openings at the top to permit of the sections communicating with each other and with the generating cylinder, a water supply pipe, for the generating cylinder, a draw off cock for the generating cylinder, an inlet pipe for the purifying chamber, a water jacket surrounding the upper part of the generating cylinder, a draw off cock for the water jacket and a removable cover for the generating cylinder, the sides of the cover contained within the water jacket, substantially as specified. 3rd. An acetylene gas generator, embracing in its construction a generating cylinder having a closed bottom and open top, a false bottom in the generating cylinder forming between itself and the true bottom a purifying chamber, a gas outlet pipe for the generating cylinder to convey the generated gas from the upper part of the same to the purifying chamber, an outlet for the purifying chamber to communicate with the gas mains, a series of removable carbide trays in the generating cylinder above the false bottom, each tray divided into a series of sections by internal partitions having openings at the top to permit of the sections communicating with each other and with the generating cylinder, a water supply pipe for the generating cylinder, a draw off cock for the generating cylinder, an inlet pipe for the purifying chamber, a water jacket surrounding the upper part of the generating cylinder, a draw off cock for the water jacket, a removable cover for the generating cylinder, the sides of the cover contained within the water jacket, a rotary valve for the water supply pipe and a lever connected to the rotary valve, in combination with the gasometer, a guide connected to the gasometer provided with stops adapted to be actuated by the lever of the rotary valve, substantially as specified.

No. 68,877. Car Coupler. (Attelage de chars.)



Charles Dietz, Chicago, Illinois, U.S.A., 2nd October, 1900; 6 years. (Filed 27th April, 1899.)

Claim.—1st. In a car coupler, the combination of a draw bar head, a coupling knuckle pivotally secured therein and provided with a tail portion the side locking face of which is arranged at an angle to the vertical plane, and a sliding locking pin arranged in the draw bar head at an angle to the vertical and horizontal planes and provided with a locking face arranged at an angle to the vertical plane and to be contacted by the side locking face of the knuckle tail and assist in holding the parts in their locked coupling position, substantially as described. 2nd. In a car coupler, the combination of a draw bar head, a knuckle pivotally secured therein provided with a tail portion, a sliding locking pin arranged in the draw bar head