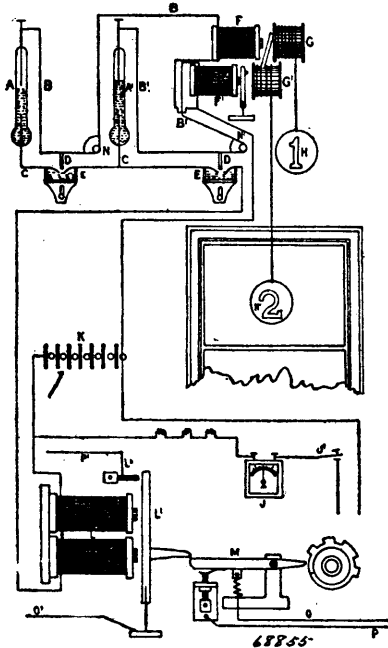


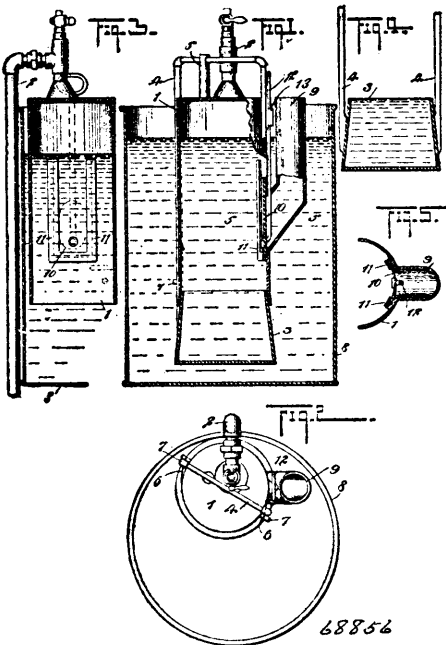
No. 68,855. Fire Alarm Annunciator.
(*Avertisseur d'incendie.*)



Charles May, Dunedin, New Zealand, 29th September, 1900; 6 years. (Filed 8th April, 1899.)

Claim.—The combination with a metallic wire and means for stretching it, of a movable contact piece suspended from the wire between its ends and descending by gravity when the wire is heated, and a stationary contact piece arranged in the downward path of the movable contact piece, substantially as set forth.

No. 68,856. Acetylene Gas Generator.
(*Générateur de gaz acétylène.*)

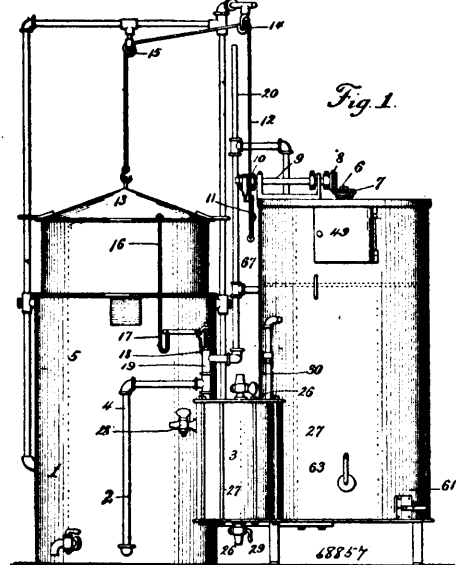


Henry Phillips Schaefer, Schulenberg, Texas, U.S.A., 29th September, 1900; 6 years. (Filed 8th March, 1900.)

Claim.—1st. A gas generator, comprising a gas generating cylinder, a pipe leading therefrom to a receiver, a bucket or carbide holder removably connected to the lower end of the cylinder, a chute leading into the cylinder, and a valve for controlling communication between said chute and the cylinder, substantially as specified.

2nd. In a gas generator, a generating cylinder suspended in said tank, a bucket or carbide holder removably connected to the lower end of the cylinder, a chute leading into the cylinder, and a valve for controlling the communication between said chute and the cylinder, substantially as specified. 3rd. A gas generator, comprising a water tank, a generating cylinder suspended in a tank, a bucket having its upper end inserted in the open lower end of the cylinder, a bail on said bucket extended upward over the cylinder, stop pins on the cylinder with which the bail engages, and a valve controlled chute leading into the cylinder, substantially as specified. 4th. A gas machine, comprising a tank, a generating cylinder suspended in the tank, a bucket removably connected to the lower end of the cylinder, a bail extended upward from the bucket and across the top of the cylinder, and a supporting block arranged between the top of the cylinder and the upper portion of the bail, substantially as specified. 5th. A gas generator, comprising a tank for containing liquid, a generator cylinder suspended in the tank, a bucket removably connected to the lower end of said cylinder, a bail extended from the bucket, inclined guide blocks on the cylinder for engaging with the bail, stop pins on the cylinder, and a valve controlled chute leading into the cylinder, substantially as specified.

No. 68,857. Acetylene Gas Generator.
(*Générateur de gaz acétylène.*)



Addison V. Sanford, Utica, New York, U.S.A., 29th September, 1900; 6 years. (Filed 29th January, 1900.)

Claim.—1st. A feeding mechanism for acetylene gas generators, comprising a rotating support and an inner and outer series of carbide holders mounted upon said rotating support in position to bring the outer series at greater radial distance from the centre of rotation than the inner series, and suitable means for controlling the discharge of carbide from the holders of both series by the rotation of the support, substantially as herein set forth. 2nd. An acetylene gas generator comprising a feeding mechanism a rotating support, and a plurality of circular series of carbide holders mounted thereon, the holders of one series alternating in radial position with those of an adjacent series, substantially as and for the purposes set forth. 3rd. A feeding mechanism for acetylene gas generators, comprising a rotating spider having two series of radial arms differing in length and alternating in position, and carbide holders removably mounted upon the ends of said radial arms so as to arrange them in two series of holders at different radial distances from the centre of rotation of the spider, and thereby adapting them for separate manipulation, substantially as herein explained. 4th. In combination with an acetylene gas generator, a horizontally rotatable spider having arms adapted to receive carbide holders, and carbide holders mounted upon the end of said arms, said arms being of varying lengths, whereby the holders are held at different radial distances from the centre and thereby adapted to be separately manipulated, substantially as herein explained. 5th. A feeding mechanism for acetylene gas generators, comprising a rotating support, carbide holders mounted upon said support in two concentric series at different distances from the centre of rotation, closures for the discharging ends of the respective carbide holders, and latches for holding said closures in closed position and projecting into engagement with a fixed tripping device, whereby said latches are successively tripped by the movement of the holders with the support, substantially as herein explained. 6th. An acetylene gas generator comprising feeding mechanism, a rotating support and two circular series of holders mounted on said support and each provided with an independently tripped closure, and with latches adjacent to the dividing