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NOTICE.

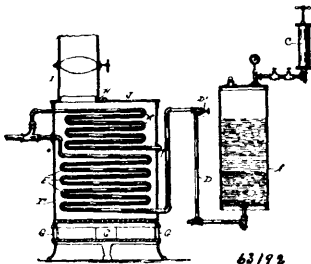
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 63,192. Gas Making Apparatus.

(Appareil pour la fabrication du gaz.)



Francis L. Martenette, Chico, California, U.S.A., 5th June, 1899; 6 years. (Filed 6th February, 1899.)

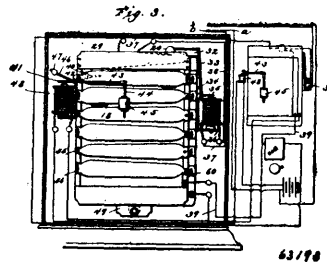
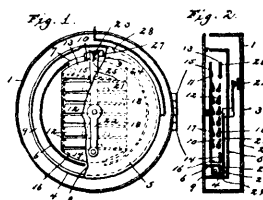
Claim.—An improved apparatus for making gas from oil, consisting of a furnace, a heating coil contained wholly therein, a chamber adapted to receive liquid to be vapourized, an air forcing mechanism connecting with said chamber so as to exert a pressure therein to force the liquid from the chamber and through the coil, a pipe connecting the chamber with the coil, a delivery pipe connected with the outlet end of the coil and a jet nozzle connected with said pipe, a second coil within the furnace directly above the first named coil, having an air inlet at one end and having the opposite end connected with a pipe which joins the discharge pipe of the first named coil proximate to the jet nozzle.

No. 63,193. Electric Alarm. (Avertisseur électrique.)

Albert Ovenden, Akron, Ohio, U.S.A., 5th June, 1899; 6 years. (Filed 31st August, 1898.)

Claim.—1st. In an electric circuit closer, an inclined way composed of a plurality of oppositely extending superimposed separate members, one side of each of which is composed of conducting material throughout, while the other side is composed of non-conducting material having a portion of the engaging face formed of conducting material, and a roller circuit closer. 2nd. In an electric circuit closer, an inclined way consisting of a plurality of independent superimposed members, each comprising a conducting rail and a non-conducting rail having a portion of its face composed of conducting material, and roller circuit closer. 3rd. In an electric circuit closer, an inclined way consisting of a plurality of independ-

ent superimposed members, each comprising a conducting rail and a non-conducting rail, and having a plurality of conducting portions



flush with the face thereof, and a roller circuit closer. 4th. In a circuit closer for an electric alarm, a plurality of inclined ways independent of each other and extending in opposite directions, each of said inclined ways having one side composed of conducting material and the other side composed of non-conducting material, having conducting portions, a roller circuit closer, and means for guiding said roller circuit closer from the lower termination of one inclined way to the upper beginning end of the next. 5th. In a circuit closer for an electric alarm, a plurality of inclined ways independent of each other, and extending in opposite directions, and having conducting and non-conducting portions, a roller circuit closer, an inclined guide extending from the lower end of one way to the upper end of the next. 6th. A circuit closer for an electric alarm, comprising a frame composed of inclined ways, superimposed and independent of each other, said ways extending in opposite directions, and having conducting and non-conducting portions, a roller circuit closer, and a movable elevator adapted to receive said roller circuit closer from the lower way and to deliver it to the upper way. 7th. A circuit closer for an electric alarm, comprising a plurality of inclined ways, superimposed and independent of each other, the said ways extending in opposite directions, and having conducting and non-conducting portions, a roller circuit closer, hoppers at the upper and lower end of said inclined ways, and a movable elevator to receive said roller circuit closer from the lower hopper and to deliver it to the upper hopper. 8th. A circuit closer for an electric alarm, comprising a plurality of inclined ways having conducting and non-conducting portions, a roller circuit closer, an elevator comprising a pivoted arm having a cup at one end thereof that normally stands below the lower inclined way to receive said roller circuit closer, and adapted to swing above the upper inclined way to deliver said circuit closer. 9th. A circuit closer for an electric alarm, comprising a plurality of inclined ways having conducting and non-conducting portions, a roller circuit closer, an annular passage surrounding said inclined ways having