

said means having an aperture for permitting the light emitted from the opposite side of said incandescent body to be transmitted through the wall of the envelope.

5 2. A contact resistance lamp comprising an envelope containing electrodes in contact, means for feeding said electrodes together as they are consumed, and means for enclosing the contacting portions of said electrodes to prevent the deposition of electrode material
10 on predetermined portions of the envelope.

3. An incandescent electric lamp comprising an envelope, a comparatively thin electrode therein, a second electrode contacting
15 with one side of said first electrode to heat the same to incandescence, a shield interposed between said contacting surfaces and the walls of the container said shield having means for exposing a portion of said first
20 electrode to produce a concentrated continuous light source.

4. A contact resistance lamp comprising an envelope, an electrode in the said envelope, means for preventing the deposition of vaporized electrode material upon the wall of said
25 envelope, another electrode in said envelope and in contact with said first mentioned electrode and mounted to cooperate with said means for preventing the deposition of vaporized material.
30

5. A contact resistance electric incandescent lamp comprising an envelope, a plurality of electrodes therein, a refractory shield surrounding said electrodes to prevent the
35 deposition of electrode material on the wall of said envelope, one of said electrodes cooperating with said shield to prevent said deposition.

6. An incandescent electric lamp comprising
40 ing a container, a pair of contacting electrodes within said container, an enclosure for partially surrounding said electrodes to prevent the deposition of vaporized material upon the walls of said container, one of said
45 electrodes cooperating with said enclosure to prevent said deposition, and means for equalizing the pressure on opposite sides of said enclosure.

7. A contact resistance lamp comprising a
50 container, a plurality of electrodes therein having surfaces in contact, means for partially enclosing the contact portions of said electrodes, one of said electrodes cooperating with said means to completely enclose the
55 said contacting portions, and means for equalizing the pressure at opposite sides of said enclosing means.

In testimony whereof, I have hereunto subscribed my name this 30th day of July, 1924.

60 CHARLES FREDERICK LORENZ.

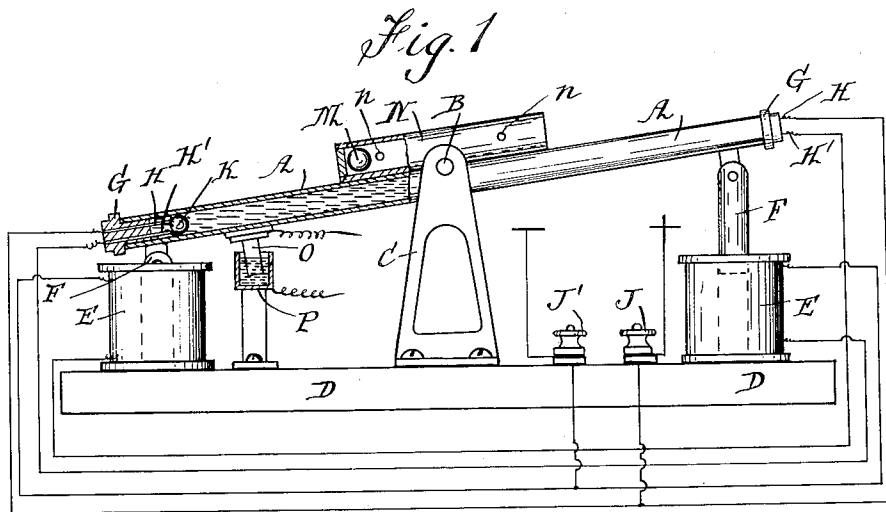
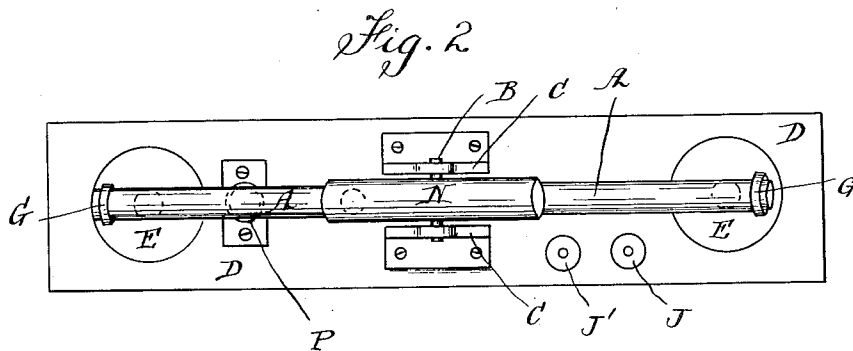
March 11, 1930.

T. L. M. MILLAR

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AUTOMATIC ELECTRIC CIRCUIT CONTROLLING DEVICE

Filed March 14, 1925



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