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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: LED SWITCH CIRCUITRY FOR VARYING INPUT VOLTAGE SOURCE

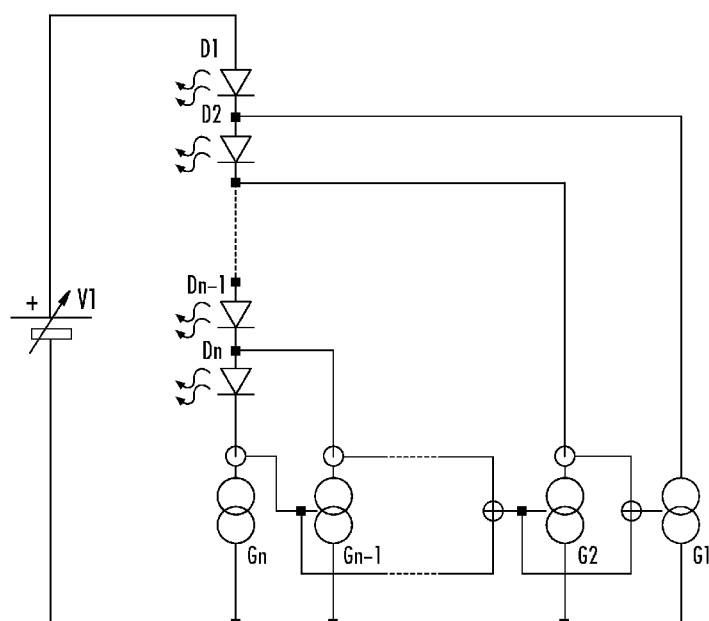


FIG. 2

(57) Abstract: An LED array switching apparatus, comprises: a plurality of LED arrays arranged in a serial path; a voltage supply coupled to the plurality of LED arrays; a plurality of current sources selectively coupled to the LED arrays, each of the current sources being switchable between a current regulating state and an open state; and a controller that outputs at least one control signal. The controller, the at least one switch and current sources cooperate together such that: when the voltage of the voltage source is below the at least one reference voltage, and/or when a predetermined level of current passes through the one or more current sources, at least one switch is closed and one or more associated current sources are controlled so as to break the serial path into one or more parallel paths each including less than all of the LED arrays.



— *as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))*

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