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(54) Title: **INTEGRALLY FORMED LIGHT EMITTING DIODE LIGHT WIRE AND USES THEREOF**

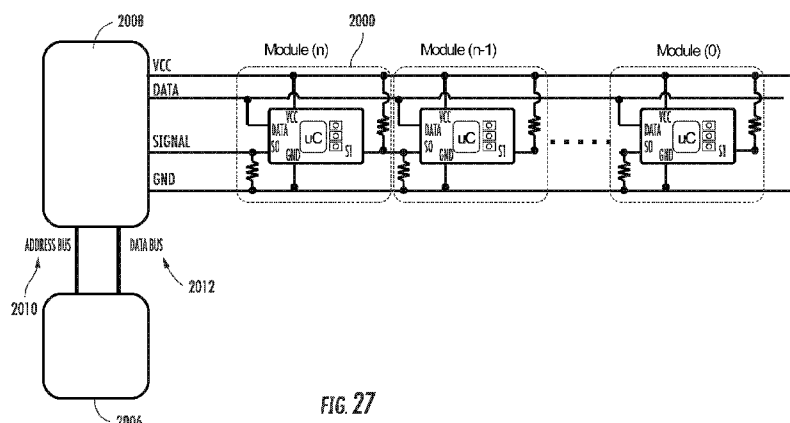


FIG. 27

(57) Abstract: Integrally formed LED light wires are provided, comprising a plurality of dynamically addressible LED modules, each LED module comprising one or more LEDs; a microcontroller; and one or more ports, said microcontroller being configured to: check a status of at least one of said one or more ports; if the status of the port corresponds to a predetermined state: assign the LED module to which said microcontroller belongs to a first display address, and send signals to said microcontroller of a neighboring LED module, said signals assigning respective further display address to the neighboring LED module. Such LED light wires can also include a display memory which stores current display information associated with each of said LED modules in said LED light wire, and a display controller, said display controller being configured to update the current display information stored in said display memory.