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(54) **ELECTRICAL WALL RECEPTACLE, LED MODULE, AND LAMP SYSTEM**

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(57) **ABSTRACT**

An electrical receptacle that is normally configured to receive AC voltage is configured to provide a low voltage DC instead. An LED bulb without a transformer can be plugged into the appliance and operate on the DC voltage from the wall outlet. An optional circuit interrupter can prevent damage to the LED bulb is it is inadvertently plugged into a source of AC voltage. Any appliance designed to be operated on DC voltage can be plugged into the DC outlet without a transformer. Multiple LEDs can be "piggybacked" onto a base.