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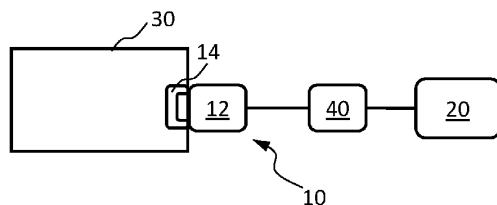


FIG. 1A

(57) Abstract: A power management system for use in a connector device configured for connecting an electronic device to a power supply, the power management system comprising: a switch configured to connect the electronic device and the power supply, wherein the electronic device receives power from the power supply when the switch is turned on; a controller connected to the switch; and a detection pin configured to send a signal to the controller when the detection pin is connected with a detection terminal of a connector in the electronic device, wherein the controller is configured to turn on the switch when the controller receives the signal from the detection pin and determines that the received signal is within a pre-determined range.

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