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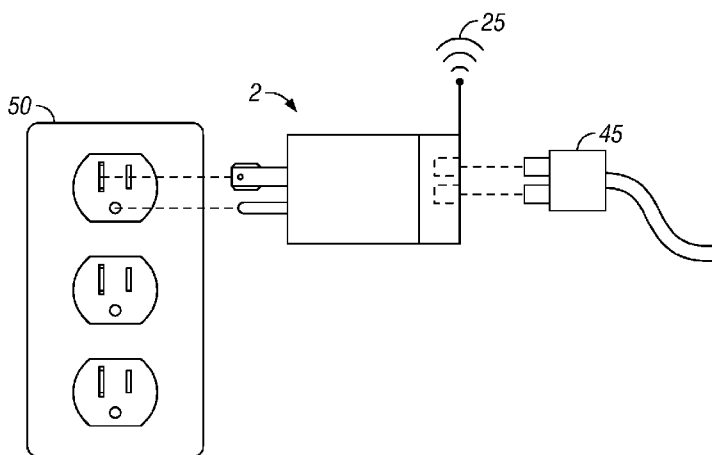


FIG. 2

(57) Abstract: Applicants have created an improved method and apparatus for remotely monitoring an electrical load and assessing key attributes of power-related anomalies and line disturbances caused or created by the electrical load and qualifying their conformity to certain expected steady state conditions. The apparatus includes an intelligent power distribution module that can include a power output section, a power input section, a communication section, and related circuitry. The intelligent power distribution module can further include a memory section, a sensing device, a processing device, and a switch. The method for monitoring an electrical load having a current and voltage requirement supplied by an electrical source coupled to the load generally includes: interfacing a sensing module between the load and the electrical source; sensing one or more characteristics of the load; and determining the performance of the load sensing.