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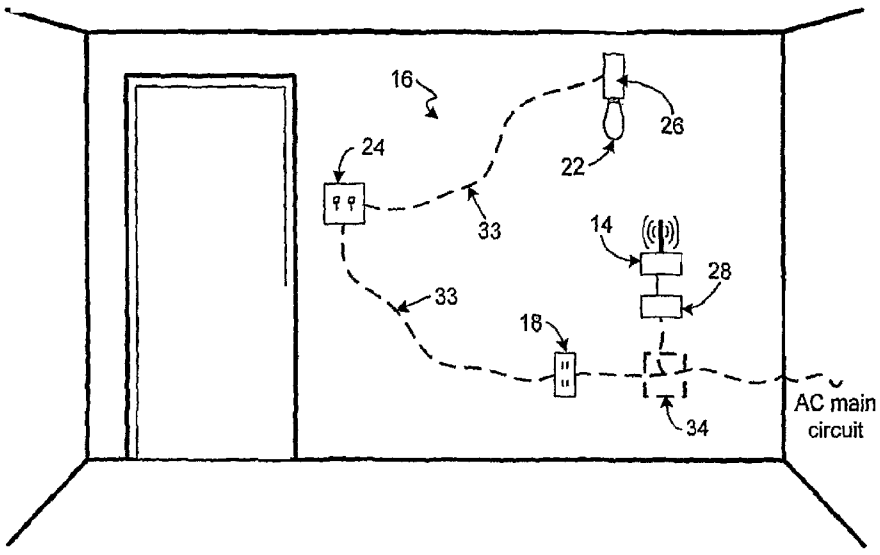
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(54) **Title:** IMPLEMENTATION OF AN RF POWER TRANSMITTER AND NETWORK



(57) **Abstract:** Disclosed is a power transmission system for wirelessly powering a power harvesting device. The system comprises at least one RF power transmitter. The system includes an AC power grid, or a DC grid to which the transmitter is electrically connected. Also disclosed is an adjustable RF power transmitter for powering wirelessly an RF power harvesting device. Also disclosed is a power transmission system for wirelessly powering an RF power harvesting device. The system can include a computer with an antenna or a lighting fixture or a light or a battery charging unit or a battery. Also disclosed is an apparatus for wirelessly powering a power harvesting device. Also disclosed is a method for wirelessly powering a power harvesting device.

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