

TITLE:
WIRELESS CHARGING SYSTEM

ABSTRACT

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A wireless charging system is provided. The wireless charging system includes a wireless power supply platform, a first device, and a second device. The wireless power supply platform provides a wireless supplying power. The first device includes a first power receiving circuit, a first power switch, and a first control circuit. The second device
10 includes a second power receiving circuit, a second power switch, and a second control circuit. The second control circuit communicates with the first control circuit to determine a coordinated switching state of the first power switch and the second power switch. The coordinated switching state determines a first output voltage value generated by the first power receiving circuit according to the wireless supplying power and a second output
15 voltage value generated by the second power receiving circuit according to the wireless supplying power.

FIG. 1