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(54) **CHARGING CIRCUIT, ELECTRONIC DEVICE, AND CHARGING SYSTEM**

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(71) Applicant: **HONOR DEVICE CO., LTD.**,
Shenzhen (CN)

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(72) Inventors: **Ziqi ZHANG**, Shenzhen (CN); **Ni SUN**, Shenzhen (CN); **Song HUANG**,
Shenzhen (CN)

(57) **ABSTRACT**

This application discloses a charging circuit, an electronic device, and a charging system. Specific solutions are a switch circuit, a voltage divider circuit, and a gate driver. The switch circuit is separately connected to the voltage divider circuit and the gate driver, and the voltage divider circuit is connected to the gate driver. The switch circuit is configured to: receive a power supply voltage, a first drive voltage, and a second drive voltage, and output a reference voltage and an output voltage of the charging circuit. The voltage divider circuit is configured to: receive the second drive voltage and the reference voltage, and output the first drive voltage. The gate driver is configured to: receive the reference voltage, and output the second drive voltage, where a voltage value of the second drive voltage is different from a voltage value of the first drive voltage.

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