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HO et al. (43) **Pub. Date: Nov. 3, 2022**(54) **PORTABLE ELECTRONIC DEVICE AND CHARGING SYSTEM THEREOF**(71) Applicant: **ASUSTeK COMPUTER INC.**, Taipei (TW)(72) Inventors: **Tsung-Lin HO**, Taipei (TW); **Han-Wei TANG**, Taipei (TW)(21) Appl. No.: **17/729,105**(22) Filed: **Apr. 26, 2022**(30) **Foreign Application Priority Data**

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G06F 1/26 (2006.01)(52) **U.S. Cl.**CPC **H02J 7/0042** (2013.01); **G06F 1/1626** (2013.01); **G06F 1/1632** (2013.01); **G06F 1/1656** (2013.01); **G06F 1/26** (2013.01); **H01R 13/22** (2013.01)(57) **ABSTRACT**

A portable electronic device and a charging system are provided. The portable electronic device includes a display screen, a base, and a charging circuit. The base is connected to the display screen, to cause the display screen to rotate relative to the base. The charging circuit is disposed in the base and includes a first conductive terminal and a second conductive terminal. The first conductive terminal and the second conductive terminal are exposed on a bottom surface of the portable electronic device. The charging system further includes a power supply device. When the portable electronic device is placed on the power supply device, the first conductive terminal and the second conductive terminal come into contact with a plurality of charging electrodes, to form electrical connections to the power supply device and receive charging power.

