



US 20240235225A1

(19) **United States**(12) **Patent Application Publication**  
**HWANG et al.**(10) **Pub. No.: US 2024/0235225 A1**(43) **Pub. Date: Jul. 11, 2024**(54) **APPARATUS FOR CHARGING AND DISCHARGING**(71) Applicant: **SK On Co., Ltd.**, Seoul (KR)(72) Inventors: **Chang Mook HWANG**, Daejeon (KR);  
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Jan. 6, 2023 (KR) ..... 10-2023-0002386

**Publication Classification**(51) **Int. Cl.**  
**H02J 7/00** (2006.01)  
**H05K 7/20** (2006.01)(52) **U.S. Cl.**CPC ..... **H02J 7/0044** (2013.01); **H02J 7/0013**  
(2013.01); **H02J 7/0047** (2013.01); **H05K**  
**7/20909** (2013.01)

(57)

**ABSTRACT**

The present disclosure relates to an apparatus for charging and discharging, comprising: a case; a first chamber and a second chamber positioned in the case along width direction of the case and configured to accommodate a first battery cell and a second battery cell respectively; a module chamber positioned inside the case and outside the first chamber and the second chamber; a charging/discharging module portion positioned in the module chamber and charging and discharging the first battery cell and the second battery cell; a module hole formed through one face of the case to communicate the module chamber with the outside of the case; and an air treatment portion provided inside the case to supply air to the module chamber at a temperature lower than an external temperature, which is a temperature outside the case.

