

# (19) United States

## (12) Patent Application Publication (10) Pub. No.: US 2024/0213068 A1 JUNG et al.

Jun. 27, 2024 (43) **Pub. Date:** 

### (54) CASSETTE TRANSPORT DEVICE AND CASSETTE TRANSPORT SYSTEM INCLUDING THE SAME

- (71) Applicant: Samsung Display Co., LTD., Yongin-si
- (72) Inventors: Min Chul JUNG, Yongin-si (KR); Heung Won LEE, Yongin-si (KR); Hyun Sik CHOI, Yongin-si (KR)
- (21) Appl. No.: 18/480,099
- Oct. 3, 2023 (22)Filed:
- (30)Foreign Application Priority Data

Dec. 23, 2022 (KR) ..... 10-2022-0182551

### **Publication Classification**

- (51) Int. Cl. H01L 21/677 (2006.01)
- U.S. Cl. (52)CPC .... H01L 21/67706 (2013.01); H01L 21/6773 (2013.01); *H01L 21/67733* (2013.01)

#### (57)ABSTRACT

A cassette transport device and a cassette transport system including the same are provided. A cassette transport device includes a main body, a travel unit to move the main body, and a plurality of flow-rate maintaining members to generate a flow of air in a direction opposite to a traveling direction of the main body, and flow-rate maintaining members of the plurality of flow-rate maintaining members are stacked on one another on the main body, arranged on a rearward side with respect to the traveling direction of the main body, and include a plurality of fans.

