

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0215363 A1 Lee et al.

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

(54) DISPLAY APPARATUS

(71) Applicant: Samsung Display Co., Ltd., Yongin-si

(72) Inventors: Sunhwa Lee, Yongin-si (KR); Heejean Park, Yongin-si (KR); Hyeongseok

Kim, Yongin-si (KR); Junhyun Park,

Yongin-si (KR)

(21) Appl. No.: 18/467,582

Filed: (22)Sep. 14, 2023

(30)Foreign Application Priority Data

(KR) 10-2022-0180884

Publication Classification

(51) Int. Cl. H10K 59/131 H10K 59/121

(2006.01)

(2006.01)

(52) U.S. Cl.

CPC H10K 59/1315 (2023.02); H10K 59/1213

(2023.02); H10K 59/1216 (2023.02)

(57)ABSTRACT

A display apparatus includes a display area configured to display an image using a pixel, and a peripheral area at least partially surrounding the display area, a pad portion in the peripheral area, and including pads, a first power voltage line between the display area and the pad portion in plan view, and including first power patterns spaced apart from each other, and a fan-out wire portion connected between the pad portion and the display area, and overlapping at least a portion of the first power patterns, wherein the fan-out wire portion includes a first fan-out wire, a second fan-out wire, and a third fan-out wire, the second fan-out wire being at a different layer from the first fan-out wire, and the third fan-out wire being at a different layer from the first fan-out wire and from the second fan-out wire.

