



US 20240215400A1

(19) **United States**

(12) **Patent Application Publication**
SEO et al.

(10) **Pub. No.: US 2024/0215400 A1**

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

(54) **DISPLAY APPARATUS AND METHOD OF
MANUFACTURING THE SAME**

Publication Classification

(51) **Int. Cl.**

H10K 59/80 (2006.01)

H10K 71/15 (2006.01)

(52) **U.S. Cl.**

CPC **H10K 59/875** (2023.02); **H10K 71/15**
(2023.02)

(71) Applicant: **Samsung Display Co., LTD.**, Yongin-si
(KR)

(72) Inventors: **Dongkyun SEO**, Yongin-si (KR);
Youngjun KIM, Yongin-si (KR);
Hyunyoung JUNG, Yongin-si (KR);
Seonhwa CHOI, Yongin-si (KR)

(21) Appl. No.: **18/393,953**

(22) Filed: **Dec. 22, 2023**

(30) **Foreign Application Priority Data**

Dec. 23, 2022 (KR) 10-2022-0183493

(57)

ABSTRACT

A display apparatus including a first base layer including a first auxiliary base layer and a second auxiliary base layer disposed on the first auxiliary base layer; and a semiconductor layer disposed on the first base layer. Polyimide of the first auxiliary base layer is arranged in a preset orientation, and polyimide of the second auxiliary base layer is arranged in an arbitrary orientation.

