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(19) **United States**(12) **Patent Application Publication**  
**LEE et al.**(10) **Pub. No.: US 2024/0180008 A1**(43) **Pub. Date: May 30, 2024**(54) **LIGHT EMITTING DISPLAY APPARATUS****Publication Classification**(71) Applicant: **LG Display Co., Ltd.**, Seoul (KR)(51) **Int. Cl.****H10K 59/80** (2006.01)**H10K 59/122** (2006.01)**H10K 59/38** (2006.01)(72) Inventors: **Joonsuk LEE**, Paju-si (KR); **DoYoung KUM**, Paju-si (KR); **Choonghyo KIM**, Paju-si (KR)(52) **U.S. Cl.**CPC ..... **H10K 59/8792** (2023.02); **H10K 59/122** (2023.02); **H10K 59/38** (2023.02)(73) Assignee: **LG Display Co., Ltd.**, Seoul (KR)

(57)

**ABSTRACT**(21) Appl. No.: **18/210,292**

A light emitting display apparatus can include a thin film transistor (TFT) substrate and a color filter substrate. The TFT substrate can include a plurality of pixels, where each pixel includes an emission region and a non-emission region. The color filter substrate can include an upper substrate opposite to the TFT substrate, a color filter layer on the upper substrate, and a black matrix dividing the color filter layer. The black matrix can have an eaves structure.

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100