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**YANG et al.**(10) **Pub. No.: US 2024/0179950 A1**(43) **Pub. Date: May 30, 2024**(54) **DISPLAY SUBSTRATE AND ELECTRONIC APPARATUS****Publication Classification**(71) Applicants: **YUNNAN INVENSIGHT OPTOELECTRONICS TECHNOLOGY CO., LTD.**, Kunming (CN); **BOE TECHNOLOGY GROUP CO., LTD.**, Beijing (CN)(51) **Int. Cl.**  
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CPC ..... **H10K 59/122** (2023.02); **H10K 59/131** (2023.02); **H10K 59/353** (2023.02)(72) Inventors: **Zongshun YANG**, Beijing (CN); **Hongtao YU**, Beijing (CN); **Kuanta HUANG**, Beijing (CN); **Yongfa DONG**, Beijing (CN); **Shipeng LI**, Beijing (CN)(57) **ABSTRACT**

A display substrate and an electronic apparatus are provided. The display substrate includes a base substrate, and a dielectric layer, a first and a second electrode layer and a pixel defining layer thereon. The first electrode layer includes a first electrode and a second electrode spaced with a gap. The dielectric layer includes a first groove exposed by the gap; the second electrode layer includes a concave structure corresponding to the first groove; the pixel defining layer covers the first groove to form a second groove; the display substrate has a cross section, and the concave structure includes a first and a second concave point within the cross section; within the cross section, a distance between a first side surface of the second groove and a first electrode edge of the first electrode is greater than a distance between the first concave point and the first side surface.

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