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(54) **DISPLAY APPARATUS HAVING A LIGHT-EMITTING DEVICE**

(71) Applicant: **LG Display Co., Ltd.**, Seoul (KR)

(72) Inventors: **You Yong Jin**, Paju-si (KR); **Young Bok Lee**, Paju-si (KR); **Sung Woo Kim**, Paju-si (KR); **Keong Jin Lee**, Paju-si (KR); **Yong Ku Lee**, Paju-si (KR); **Chi Yong Kim**, Paju-si (KR); **Won Sik Lee**, Paju-si (KR); **Se Wan Oh**, Paju-si (KR); **Seok Ho Ki**, Paju-si (KR)

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(57) **ABSTRACT**

A display apparatus includes a substrate with a plurality of pixel areas. The display apparatus includes a light-emitting device formed in a pixel area for emitting light. An encapsulation unit is formed on the light-emitting device. The display apparatus includes a black matrix on the encapsulation unit, where an opening in the black matrix overlaps with the light-emitting device in a first direction. An upper surface of the control insulating layer is formed with a groove that is a recessed portion toward the substrate. An optical lens is disposed above the groove in the control insulating layer.

