

TITLE OF INVENTION:

DISPLAY DEVICE

ABSTRACT

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A display device includes a pixel array substrate, a color filter substrate, and a camera module. The pixel array substrate includes multiple scan lines, multiple data lines, multiple display area sub-pixels, and multiple camera area sub-pixels. The color filter substrate includes a first filter area overlapping with the camera area and a second filter area
10 overlapping with the display area. The color filter substrate includes multiple scan line shielding structures and a sub-pixel separation structure. The scan line shielding structures overlap with the scan lines. The sub-pixel separation structure overlaps with the data lines and includes a first light shielding portion and a second light shielding portion arranged in a first direction. Transmittance of the scan line shielding structure for visible light is
15 different from transmittance of the second light shielding portion for visible light.

FIG. 3A