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(54) **PHOTOELECTRIC DEVICE, LIGHT
ABSORPTION SENSOR,
SENSOR-EMBEDDED DISPLAY PANEL, AND
ELECTRONIC DEVICE**

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(57) **ABSTRACT**

Provided are a photoelectric device, a light absorption sensor, a sensor-embedded display panel, and an electronic device. The photoelectric device includes a first electrode and a second electrode facing each other, and a light absorbing layer between the first electrode and the second electrode, wherein the light absorbing layer is configured to absorb light of a red wavelength spectrum, a green wavelength spectrum, a blue wavelength spectrum, an infrared wavelength spectrum, or any combination thereof, the light absorbing layer includes a p-type semiconductor and an n-type semiconductor, and the n-type semiconductor includes a compound represented by Chemical Formula 1. Details for Chemical Formula 1 are as described in the detailed description.

