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(54) **LIGHT DETECTION DEVICE AND
ELECTRONIC APPARATUS**

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(71) Applicant: **SONY SEMICONDUCTOR
SOLUTIONS CORPORATION,**
Kanagawa (JP)

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(72) Inventors: **Yuta KUSHIDA,** Kanagawa (JP);
Kyohei MIZUTA, Kanagawa (JP);
Atsushi TODA, Kanagawa (JP)

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(73) Assignee: **SONY SEMICONDUCTOR
SOLUTIONS CORPORATION,**
Kanagawa (JP)

(57) **ABSTRACT**

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A light detection device capable of supplementing a sensitivity drop includes: a semiconductor layer having a photoelectric conversion area; and an optical element supplying light having a polarization plane according to an arrangement direction of the opening parts. The optical element includes a first area in which the opening parts are arranged in a first direction and a second area in which the opening parts are arranged in a second direction. A light incidence face of a first photoelectric conversion area includes a plurality of concave parts arranged at a first angle with the first direction or a groove extending in this direction, and an uneven part of a second photoelectric conversion area includes a plurality of concave parts at the first angle with the second direction or a groove extending in this direction.

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