



US 20240244872A1

(19) **United States**

(12) **Patent Application Publication**
SANO et al.

(10) **Pub. No.: US 2024/0244872 A1**

(43) **Pub. Date: Jul. 18, 2024**

(54) **LIGHT EMITTING ELEMENT**

Publication Classification

(71) Applicant: **CANON KABUSHIKI KAISHA**,
Tokyo (JP)

(51) **Int. Cl.**
H10K 50/13 (2006.01)

H10K 50/856 (2006.01)

(72) Inventors: **HIROAKI SANO**, Kanagawa (JP);
YOJIRO MATSUDA, Kanagawa (JP);
TAKAYUKI ITO, Kanagawa (JP)

(52) **U.S. Cl.**
CPC **H10K 50/13** (2023.02); **H10K 50/856**
(2023.02); **H10K 59/12** (2023.02)

(21) Appl. No.: **18/408,903**

(22) Filed: **Jan. 10, 2024**

(30) **Foreign Application Priority Data**

Jan. 17, 2023 (JP) 2023-005207

(57) **ABSTRACT**

A light emitting element includes a first element having a first lower electrode, a first light emitting layer for emitting light of a first color, a charge generation layer, a second light emitting layer for emitting light of the first color, and an upper electrode in this order on a substrate. A space between the first light emitting layer and the first lower electrode is larger than a space between the first light emitting layer and the second light emitting layer.

