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(19) **United States**(12) **Patent Application Publication****Seo et al.**(10) **Pub. No.: US 2024/0215287 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **LIGHT-EMITTING ELEMENT**(71) Applicant: **SEMICONDUCTOR ENERGY
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(57)

ABSTRACT

Provided is a light-emitting element which includes a light-emitting layer containing a phosphorescent compound, a first organic compound, and a second organic compound between a pair of electrodes. A combination of the first organic compound and the second organic compound forms an exciplex (excited complex). An emission spectrum of the exciplex overlaps with an absorption band located on the longest wavelength side of an absorption spectrum of the phosphorescent compound. A peak wavelength of the emission spectrum of the exciplex is longer than or equal to a peak wavelength of the absorption band located on the longest wavelength side of the absorption spectrum of the phosphorescent compound.

