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### (54) LIGHT EMITTING DEVICE AND POLYCYCLIC COMPOUND FOR THE SAME

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#### **ABSTRACT** (57)

Embodiments provide a light emitting device that includes a first electrode, a second electrode facing the first electrode, and at least one functional layer disposed between the first electrode and the second electrode, wherein the at least one functional layer includes a first compound represented by Formula 1, and at least one of a second compound represented by Formula HT or a third compound represented by Formula ET, thereby exhibiting low voltage, high efficiency, and long service life characteristics. Formulas 1, HT, and ET are each explained in the specification.

[Formula 1]

$$\begin{array}{c|c} R_1 & R_2 \\ \hline R_1 & X_2 \\ \hline R_{10} & R_8 & R_7 \\ \hline R_6 & R_5. \end{array}$$

