ABSTRACT OF THE DISCLOSURE

LIGHT EMITTING DEVICE AND DISPLAY

A chip type light emitting diode which comprises a light emitting diode chip component comprising at least two adjacent Gallium Nitride compound semiconductor of different conductive types; a metal terminal component comprising a pair of electrodes each electrically connected with said light emitting diode chip and a coating component arranged on or above a light emitting surface of said light emitting diode chip,

wherein said light emitting diode chip is capable of emitting a blue light having a main peak of 420 nm to 490 nm in wavelength and said coating component contains a phosphor represented by a general formula $(Re_{1-r}Sm_r)_3(Al_{1-s}Ga_s)_5O_{12}$:Ce where $0 \leq r < 1$ and $0 \leq s \leq 1$ and Re is at least one selected from Y and Gd and capable of absorbing a part of light emitted by said light emitting diode chip component and emitting light of wavelength longer than that of the absorbed light.

Fig. 1

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