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(12) **United States Design Patent**
Iino et al.

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(45) **Date of Patent:** **** Mar. 17, 2015**

(54) **LIGHT-EMITTING DIODE**

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(**) Term: **14 Years**

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(30) **Foreign Application Priority Data**

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Sep. 13, 2013 (JP) 2013-021273
Sep. 13, 2013 (JP) 2013-021286

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/180**

(58) **Field of Classification Search**
CPC ... H01L 25/167; H01L 25/0753; H01L 27/15;
H01L 27/156; H01L 31/02; H01L 33/00;
H01L 33/04; H01L 33/08; H01L 33/10;
H01L 33/20; H01L 33/38; H01L 33/42;
H01L 33/48; H01L 33/483; H01L 33/486
USPC D13/180; D26/1; 257/79, 80, 81, 88,
257/89, 95, 98, 99, 100, E33.058; 313/483,
313/498, 500; 362/555, 800
See application file for complete search history.

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(74) *Attorney, Agent, or Firm* — Wenderoth, Lind & Ponack,
L.L.P.

(57) **CLAIM**

The ornamental design for light-emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a first embodiment of a light-emitting diode showing an upper surface with front and left side surfaces;

FIG. 2 is a bottom perspective view thereof showing a bottom surface with rear and right side surfaces;

FIG. 3 is a front view thereof, a rear view opposite the front view being a mirror image of FIG. 3;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a left side view thereof, a right side view opposite the left side view being identical to FIG. 6;

FIG. 7 is a top perspective view of a second embodiment of a light-emitting diode showing an upper surface with front and left side surfaces;

FIG. 8 is a bottom perspective view thereof showing a bottom surface with rear and right side surfaces;

FIG. 9 is a front view thereof, a rear view opposite the front view being a mirror image of FIG. 9;

FIG. 10 is a top plan view thereof;

FIG. 11 is a bottom plan view thereof;

FIG. 12 is a left side view thereof, a right side view opposite the left side view being identical to FIG. 12;

FIG. 13 is a top perspective view of a third embodiment of a light-emitting diode showing an upper surface with front and left side surfaces;

FIG. 14 is a bottom perspective view thereof showing a bottom surface with rear and right side surfaces;

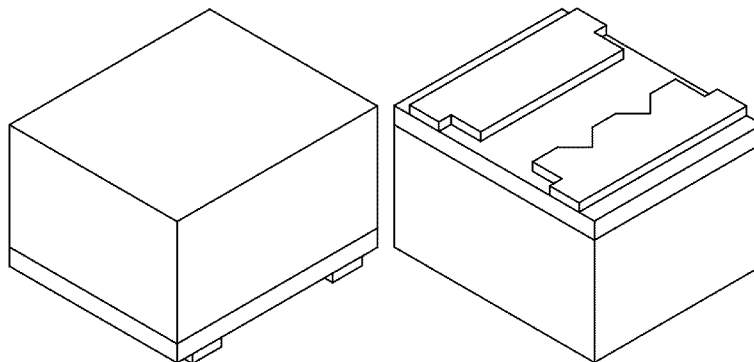
FIG. 15 is a front view thereof, a rear view opposite the front view being a mirror image of FIG. 15;

FIG. 16 is a top plan view thereof;

FIG. 17 is a bottom plan view thereof; and,

FIG. 18 is a left side view thereof, a right side view opposite the left side view being identical to FIG. 18.

1 Claim, 12 Drawing Sheets



(56)

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Fig. 1

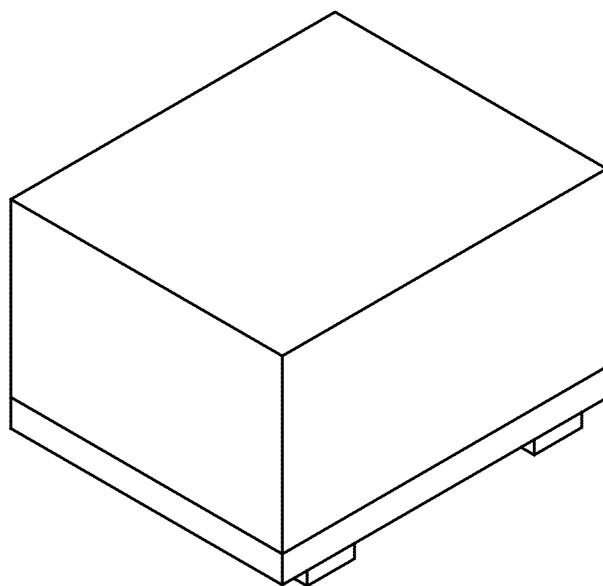


Fig. 2

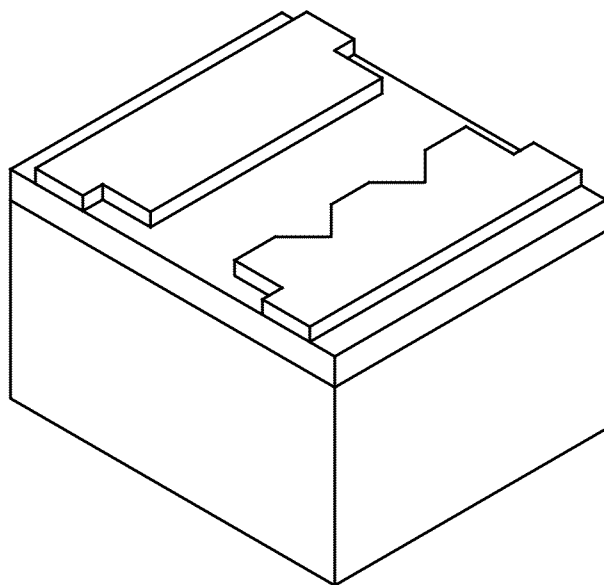


Fig. 3

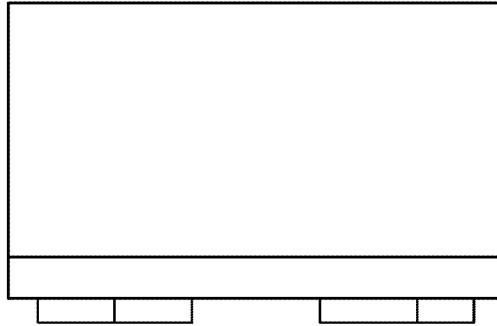


Fig. 4



Fig. 5

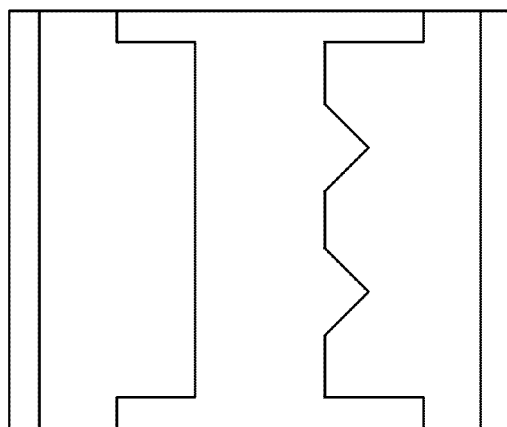


Fig. 6

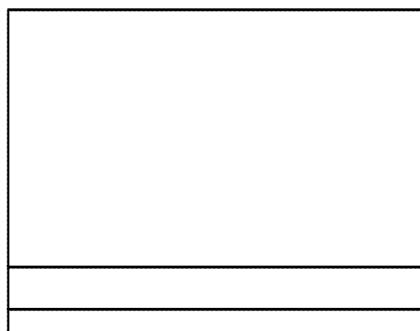


Fig. 7

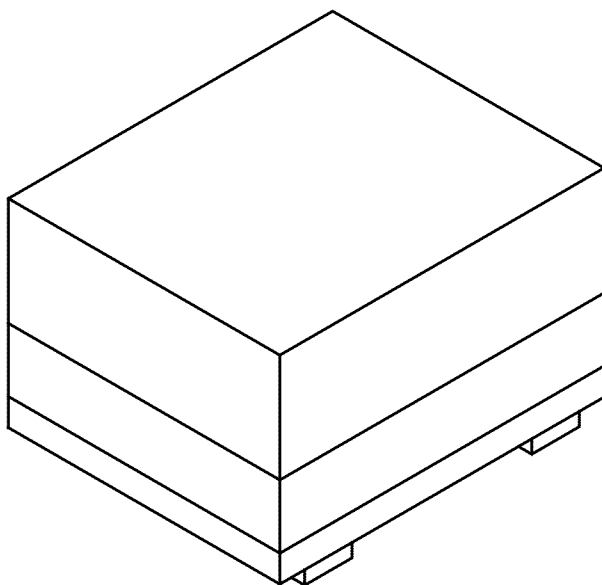


Fig. 8

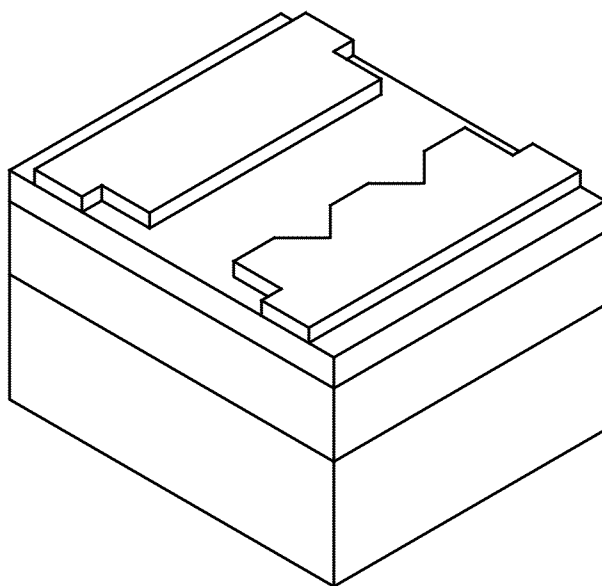


Fig. 9

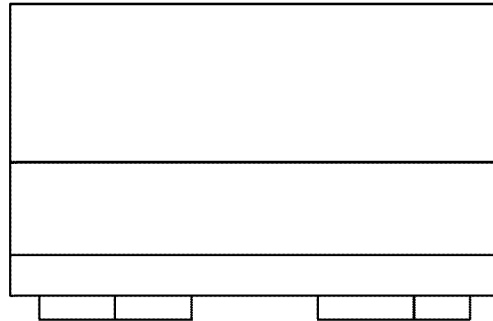


Fig. 10



Fig. 11

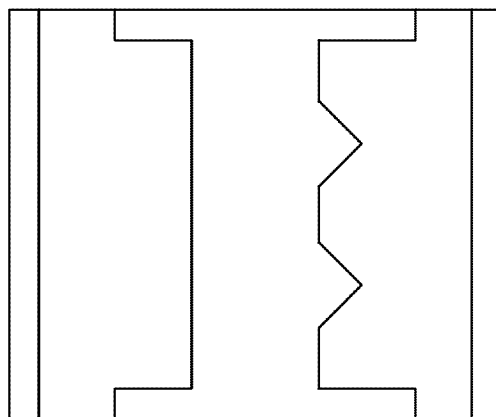


Fig. 12

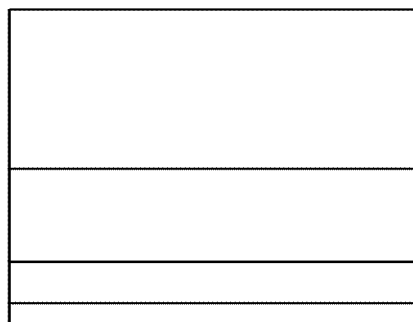


Fig. 13

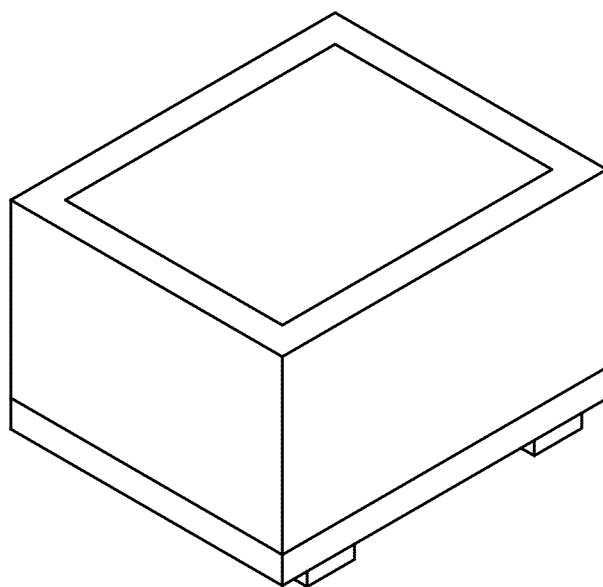


Fig. 14

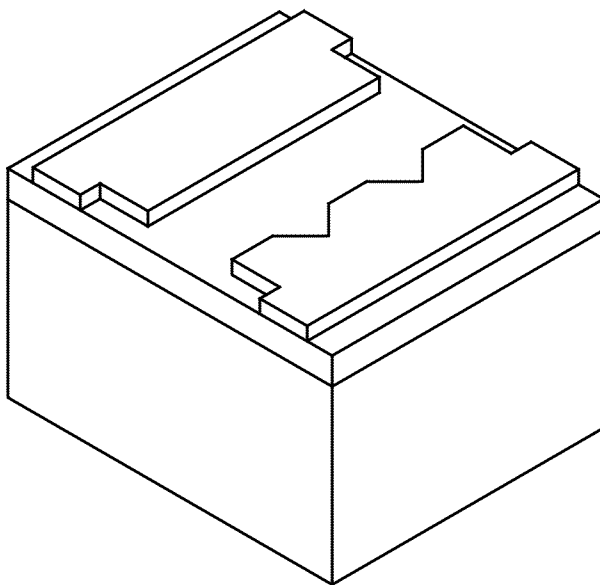


Fig. 15

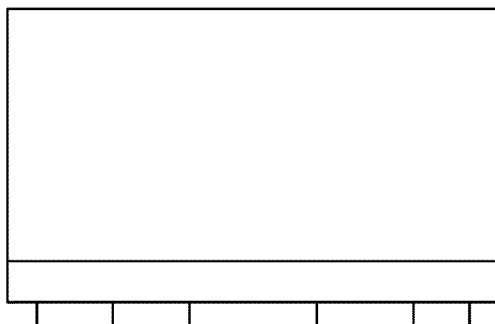


Fig. 16

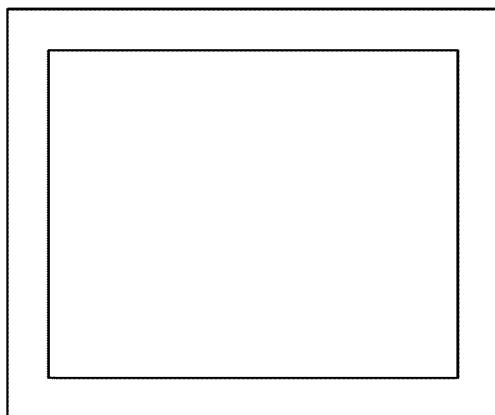


Fig. 17

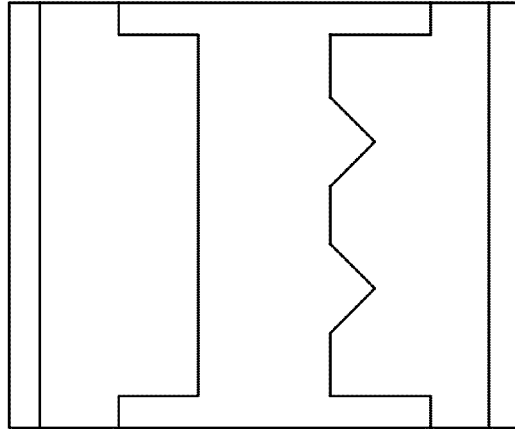


Fig. 18

