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Panaccione et al.

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(54) **LED PACKAGE**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/285,425**

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(51) **LOC (9) Cl.** **13-03**

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

(58) **Field of Classification Search** D13/180;
D8/382; 257/79, 80, 81, 88, 89, 95, 98, 99,
257/100; 313/483, 498, 500; 362/555, 800;
174/156 G; 361/679.01, 728, 736, 740, 816;
29/593; 411/509

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,859,711 A * 1/1975 McKiddy 29/593
4,858,866 A * 8/1989 Werner 248/213.3
5,880,930 A * 3/1999 Wheaton 361/690

6,074,315 A * 6/2000 Yimoyines 473/539
6,385,048 B2 * 5/2002 Mellberg et al. 361/704
6,442,045 B1 * 8/2002 Goodwin et al. 361/816
6,456,506 B1 * 9/2002 Lin 361/816
6,617,726 B1 * 9/2003 Tsergas 310/75 R
6,998,744 B2 * 2/2006 Tsergas 310/83
7,081,645 B2 7/2006 Chen et al.
7,105,861 B2 9/2006 Erchak et al.
7,170,100 B2 1/2007 Erchak et al.
2006/0055309 A1 * 3/2006 Ono et al. 313/492
2006/0091416 A1 * 5/2006 Yan 257/99
2007/0045640 A1 3/2007 Erchak et al.
2007/0085082 A1 * 4/2007 Erchak et al. 257/79
2007/0115556 A1 5/2007 Erchak et al.
2007/0267642 A1 11/2007 Erchak et al.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a LED package, as shown and described.

DESCRIPTION

FIG. 1 is a side, top perspective view of an LED package showing our new design;

FIG. 2 is a top view thereof;

FIG. 3 is a right side view;

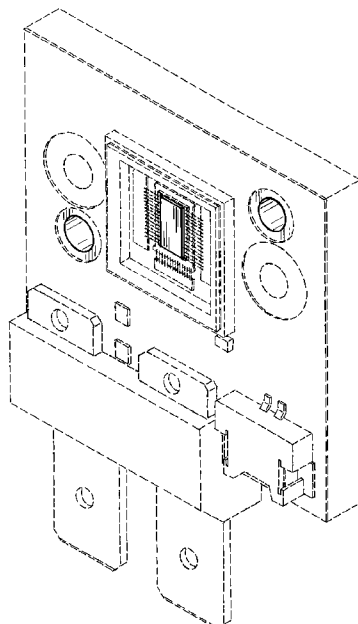
FIG. 4 is a left side view;

FIG. 5 is a front view; and,

FIG. 6 is a rear view.

The broken lines represent unclaimed subject matter.

1 Claim, 2 Drawing Sheets



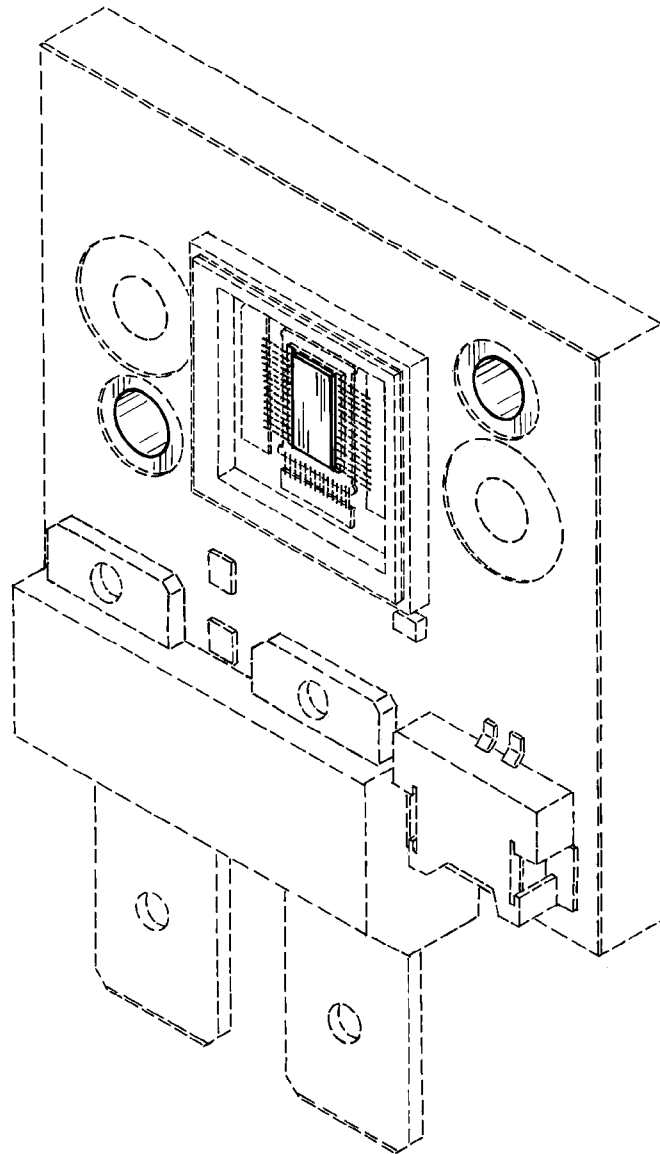


Fig. 1

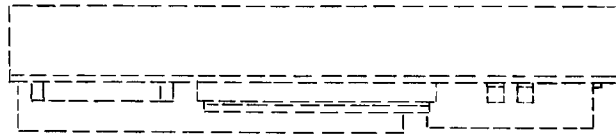


Fig. 5

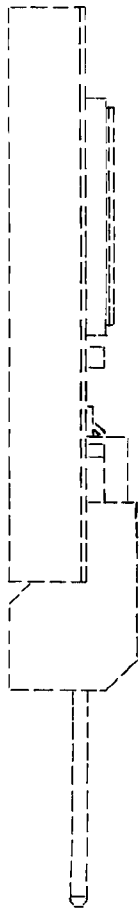


Fig. 3

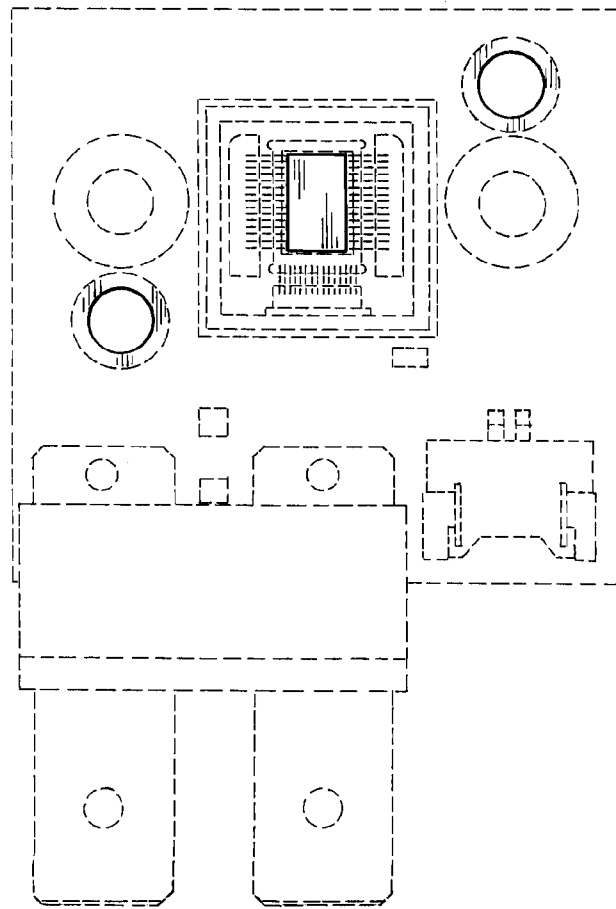


Fig. 2

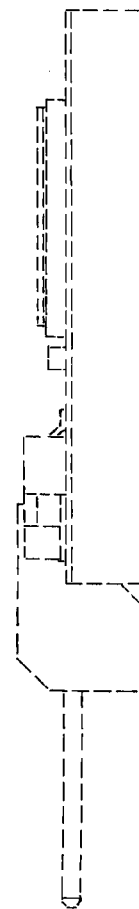


Fig. 4

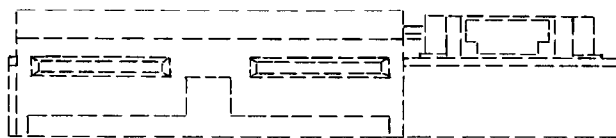


Fig. 6