

ABSTRACT**Electrical Current Distribution in Light Emitting Devices**

5 A light emitting device is disclosed that has a plurality of epitaxial layers including an active layer; at least one of a reflective layer and an ohmic contact on a first side of the epitaxial layers; and a layer of a conductive metal on a second side of the epitaxial layers and having a light emitting surface. A terminal is on the light emitting surface, the terminal comprising an array for diffusing electrical current and minimizing its
10 effect on light output. The array may have a bonding pad, an outer portion, and a joining portion connecting the bonding pad and the outer portion; the outer portion and the joining portion being for current dissipation.

15 **Figure 2**

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