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(54) **LIGHT EMITTING DIODE LIGHT SOURCE**

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(57)

**ABSTRACT**

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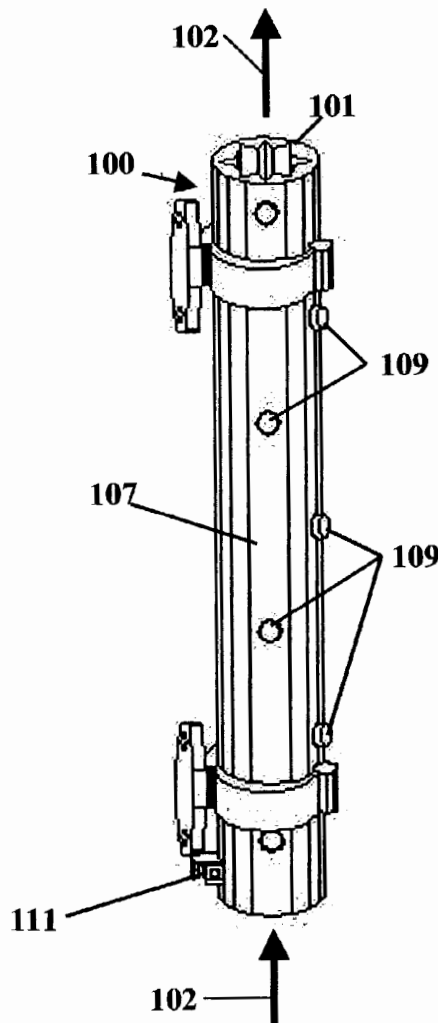
(21) **Appl. No.: 10/430,698**

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A light source that utilizes light emitting diodes that emit white light is disclosed. The diodes are mounted on an elongate member having at least two surfaces upon which the light emitting diodes are mounted. The elongate member is thermally conductive and is utilized to cool the light emitting diodes. In the illustrative embodiment, the elongate member is a tubular member through which a heat transfer medium flows. A cooling or fluid movement device coupled with the elongate thermally conductive member enhances cooling of the light emitting diodes.

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 10/156,810, filed on May 29, 2002, now Pat. No. 6,573,536.



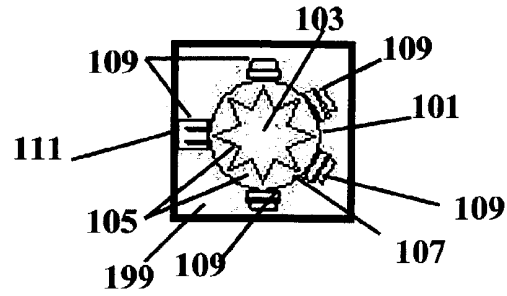


FIG. 2

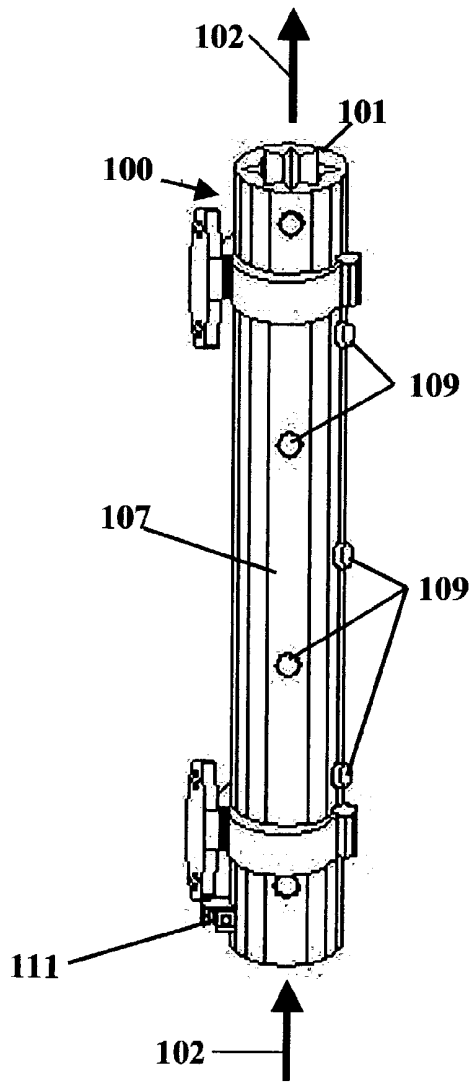


FIG. 3

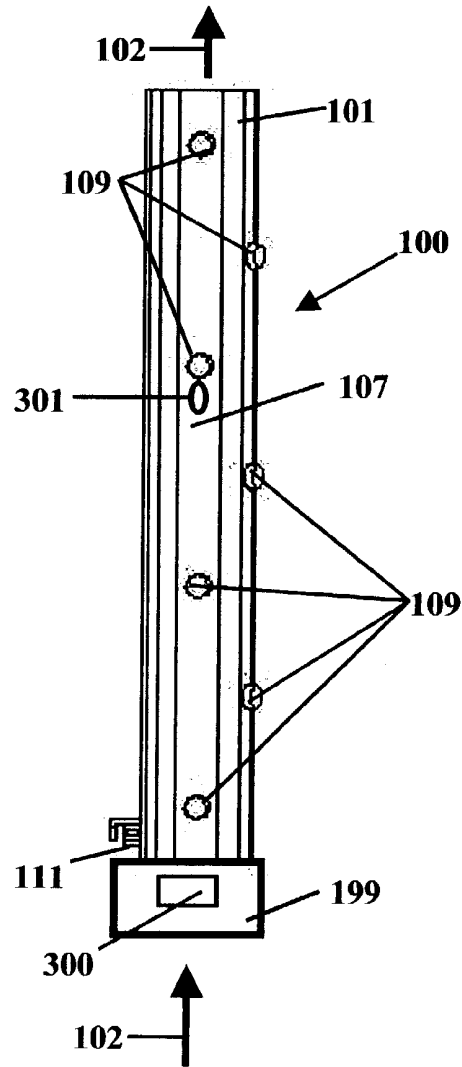


FIG. 1

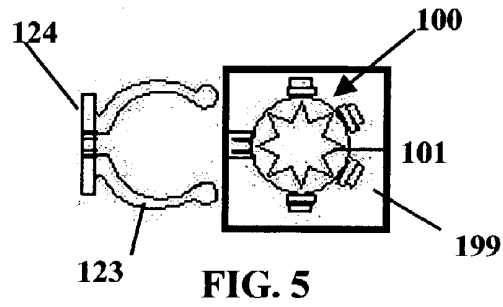


FIG. 5

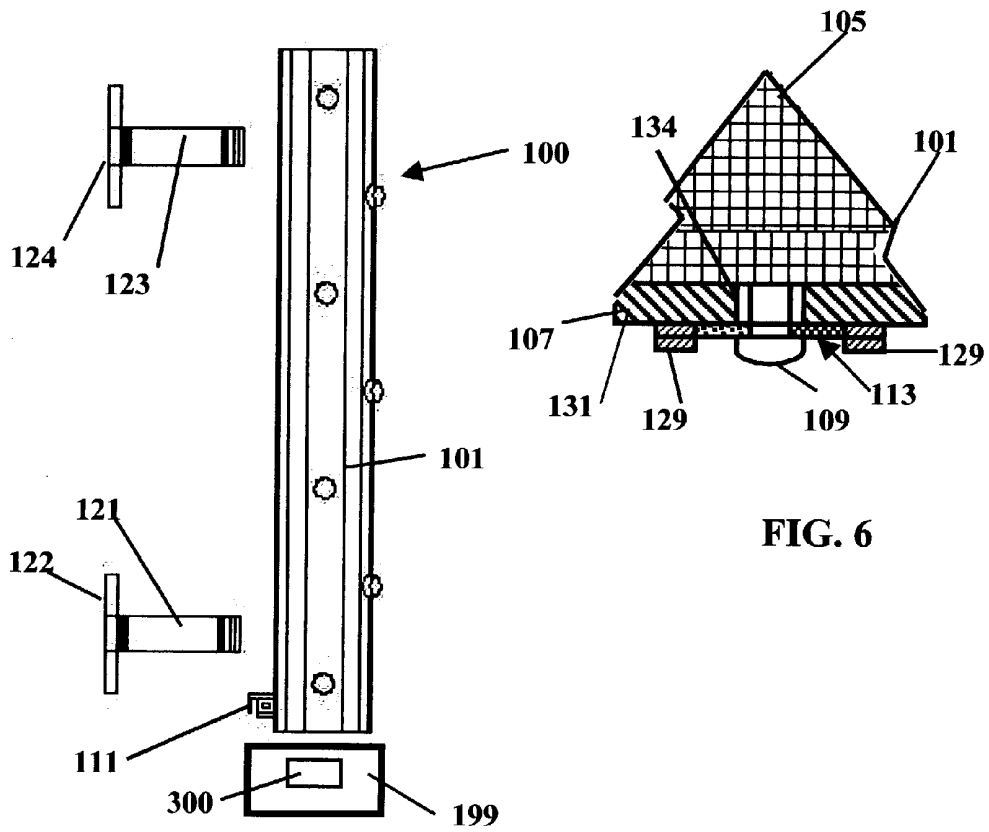
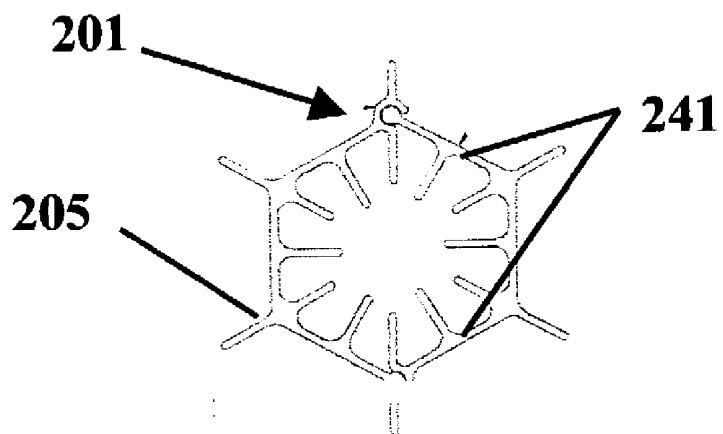
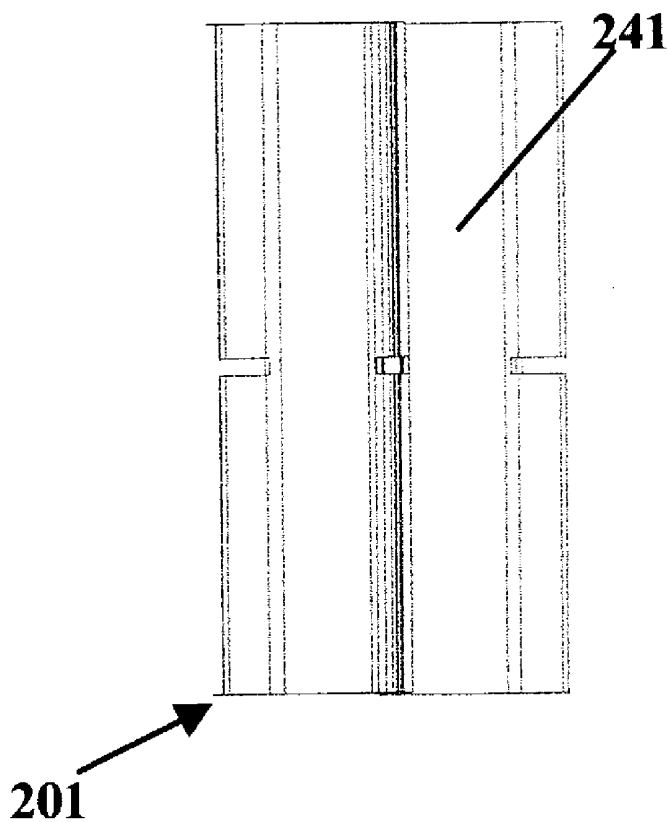


FIG. 6

FIG. 4



**FIG. 7**



**FIG. 8**

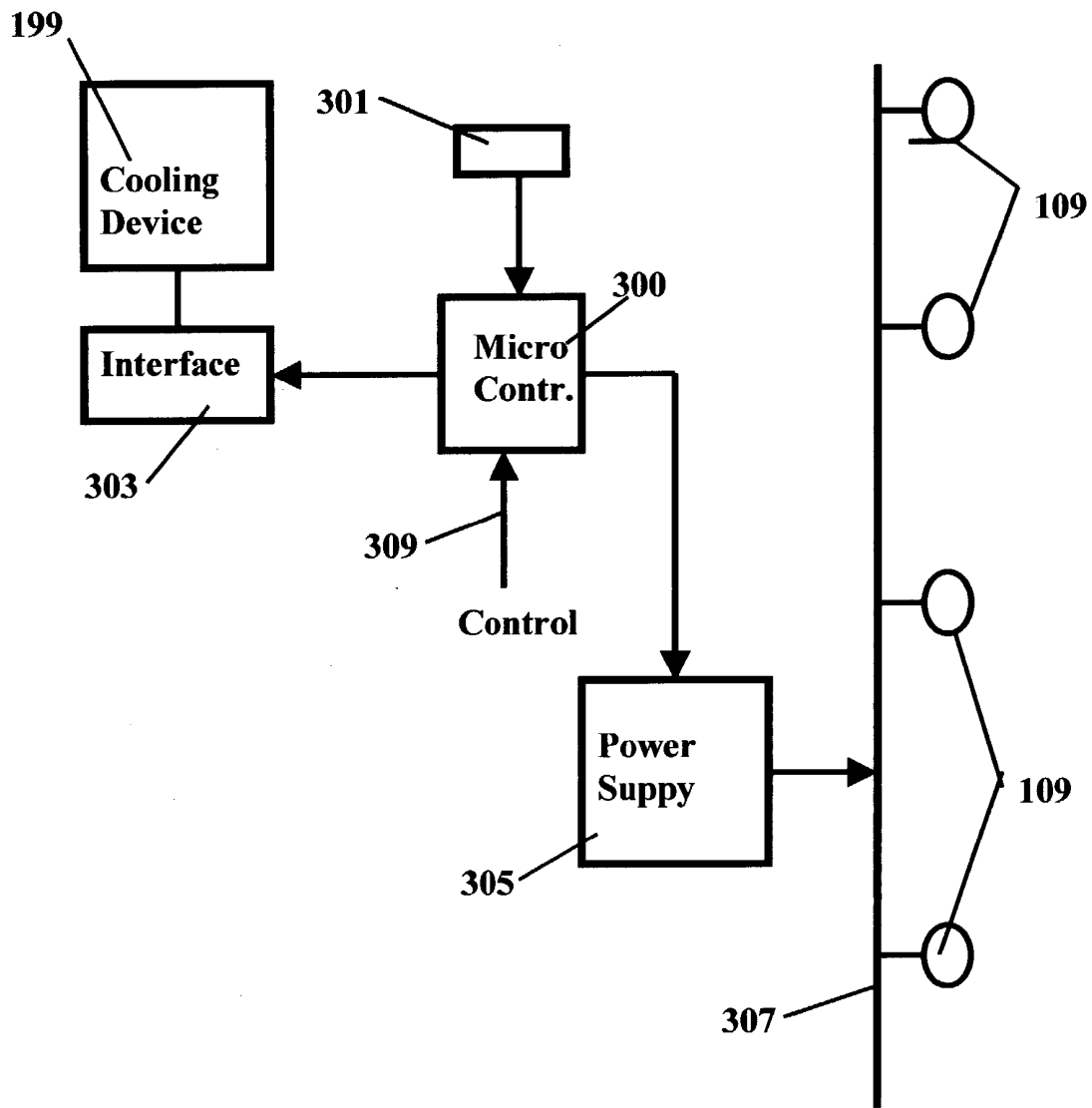


FIG. 9

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