

ABSTRACT OF DISCLOSURE

HIGH SURFACE AREA HEAT SINK

5

[0026] A heat sink is built including a three dimensional array of cylindrical openings **304** for air to flow through instead of fins **100**. By having a larger surface area than heat sinks with fins **100**, this high surface area heat sink results in increased heat transfer to the surrounding air than a similarly sized heat sink with fins. Heat sinks including an array of cylindrical openings **304** may be manufactured through extrusion, stamping, and other common techniques.

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(FIG. 4)