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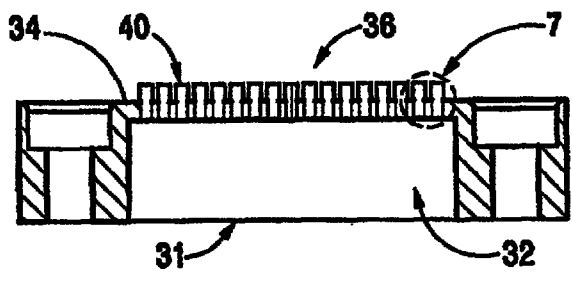
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(21) International Application Number: PCT/US98/11728 (22) International Filing Date: 5 June 1998 (05.06.98) (30) Priority Data: 08/877,944 18 June 1997 (18.06.97) US (71) Applicant: THERMALLOY INC. [US/US]; 2021 W. Valley View Lane, Dallas, TX 75234-08993 (US). (72) Inventors: RASSMUSSEN, Jay; 715 Brentwood Lane, Richardson, TX 75080 (US). SMITHERS, Matthew, C.; 502 Price Drive, Lewisville, TX 75067 (US). (74) Agents: KURTZ, Richard, E. et al.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).		(81) Designated States: CA, JP, KR, SG. Published <i>With international search report.</i>	

(54) Title: **APPLICATOR HEAD AND METHOD FOR USING SAME**

(57) Abstract

Heat sinks (10) and electrical components pre-coated with a layer of a material (100) such as thermal grease are disclosed. The coated areas may be covered with a release liner (110) that is removed prior to the assembly of the heat sink into a circuit board or other assembly. Methods for pre-coating either a heat sink or the release liner with thermal grease are also disclosed. In preferred embodiments, areas of the heat sink can be either fully coated or portions electively coated, and the coating is most preferably accomplished by pushing grease through an applicator head (26) that has numerous small nozzles (40). A system and method for dispensing grease either onto a heat sink, onto an electrical component capable of mounting to the heat sink, or onto a release liner that is later applied to the heat sink or electrical component are also disclosed.



are also disclosed.