

9804840-8
1053 copy's



PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification⁶: H05K 7/20</p>	<p>A1</p>	<p>(11) International Publication Number: WO 97/35460 (43) International Publication Date: 25 September 1997 (25.09.97)</p>
<p>(21) International Application Number: PCT/US97/04820 (22) International Filing Date: 24 March 1997 (24.03.97) (30) Priority Data: 08/621,167 22 March 1996 (22.03.96) US (71) Applicant: THERMALLOY, INC. [US/US]; P.O. Box 810839, Dallas, TX 75381-0839 (US). (72) Inventor: CLEMENS, Donald; 5225 Bartlett Drive, The Colony, TX 75056 (US). (74) Agent: KURTZ, Richard, E.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).</p>		<p>(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.</p>

(54) Title: FAN ATTACHMENT CLIP FOR HEAT SINK

(57) Abstract

A clip secures a pin fin heat sink (12) to a fan (11). The clip includes a frame (10) having a width which can be wedged between the fins (18, 20...22). Blades (24, 26) extend downwardly from the frame (10) and bear against the heat sink (12) fins (18, 20...22) to secure the frame (10) to the heat sink (12).

