


A39.2-13258Form PTO-1595 (Rev. 07/05)
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3. Nature of Conveyance/Execution Date(s): Execution Date(s): June 23, 2006 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmation License <input type="checkbox"/> Other		4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 11/435,298 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Jeremy G. Laabs VIDAS, ARRETT & STEINKRAUS, P.A. Suite 2000 6109 Blue Circle Drive Minnetonka, MN 55343-9185 Fax: 952-563-3001 E-mailed address:		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card <input type="checkbox"/> Enclosed <input type="checkbox"/> Not required (gov'n interest not affecting title)	
		8. Payment Information : a. Credit Card (last 4 numbers _____ Expiration Date: _____ b. Deposit Account No. 22-0350 Authorized User Name: Richard A. Arrett (type in atty name)	
9. Signature: Jeremy G. Laabs  Signature Date <u>7/12/06</u>			
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UTILITY/DESIGN PATENT
Docket No. A39.2B-13258-US01

ASSIGNMENT

WHEREAS, I(we)

Inventor Name(s)	Inventor(s) Residence Address
James Bentley	5136 Clover Meadow Drive, Salt Lake City, UT 84123
John Blankevoort	1820 S. 2600 E., Salt Lake City, UT 84108

have invented an invention for:

COMPACT THERMAL CONDUCTIVITY DETECTOR

disclosed in my (our) application for United States Letter Patent filed on May 16, 2006, and assigned **Application No. 11/435,298**.

We hereby authorize and request any attorney of Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9185, to insert the filing date and application number of said application above when known.

WHEREAS, **Alliant Techsystems Inc.** ("Assignee"), a corporation having its principal place of business at:

5050 Lincoln Drive, Edina, Minnesota 55436

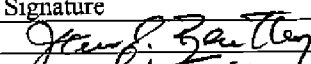
is desirous of acquiring the

- entire right, title, and interest in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;
- entire right, title and interest in the US application described above;

NOW, THEREFORE, Be It Known that for good and valuable consideration, the receipt of all of which is hereby acknowledged, I(we) hereby sell, assign, and transfer unto Assignee, its successors, and assigns, the

- entire right, title and interest, legal and equitable, in and to said invention, to said application for any and all countries, to any and all Letters Patent, and to any and all Design Letters Patent of any and all countries which may be granted thereon;
- the entire right, title and interest, legal and equitable, in and to said application and all United States Letters Patent and Design Letters Patent which may be granted thereon;

and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent and all Design Letters Patent which may be granted to said invention to Assignee.

Date	Inventor Name(s)	Signature
6/23/06	James Bentley	
2006-06-23	John Blankevoort	