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11-25-2002



102294043

To the Honorable Commissioner of Patents

... original documents or copy thereof.

1. Name of conveying party(ies):  
Peter D. Totman

11-19-02

2. Name and address of receiving party(ies)

Name: ALLIANT TECHSYSTEMS INC.

Address: 5050 Lincoln Drive, Edina, MN 55436-1097

Additional name of conveying party(ies) attached?  Yes  No

Additional Name(s) & address(es) attached?  Yes  No

CERTIFICATE OF MAILING

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below.

Typed or printed name: Amanda Holland

Signature:

Date: November 14, 2002

Execution Date: November 10, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/208,518 filed July 30, 2002

B. Patent No.(s)

Additional numbers attached?  Yes  No

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FINANCE SECTION

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: TraskBritt

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 2550

City: Salt Lake City State: UT Zip: 84110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

20-1469

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

Attorney Docket No.: 2507-5302US

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley B. Jensen

November 14, 2002

Name of Person Signing  
Reg. No. 46,801

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

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**ASSIGNMENT**

**FOR GOOD AND VALUABLE CONSIDERATION**, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned ASSIGNOR does hereby:

**SELL, ASSIGN AND TRANSFER** to ALLIANT TECHSYSTEMS INC. ("ASSIGNEE"), a corporation of the state of Delaware, having a place of business at 5050 Lincoln Drive, Edina, Minnesota 55436-1097, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the Application for United States Letters Patent Serial No. 10/208,518 filed on July 30, 2002, and entitled **METHOD AND APPARATUS FOR DETECTING AND DETERMINING EVENT CHARACTERISTICS WITH REDUCED DATA COLLECTION**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

**AUTHORIZE** the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;


**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

**WARRANT AND COVENANT** that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

**COVENANT**, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

**AGREE** and **ACKNOWLEDGE** that the **SALE, ASSIGNMENT AND TRANSFER** of rights and property set forth herein is and shall be **IRREVOCABLE** and **BINDING** upon the heirs, assigns, representatives and successors of each undersigned **ASSIGNOR** and **EXTEND** to the successors, assigns and nominees of the **ASSIGNEE**.

ASSIGNOR:

  
\_\_\_\_\_  
Peter D. Totman

Date 11/10/02

Document in ProLaw

Assignment – Page 2 of 2

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**PATENT**  
**REEL: 013508 FRAME: 0360**