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September 28, 2000

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Marlon D. Harris

2. Name and address of receiving party(ies):
Name: Alliant Techsystems Inc.
Street Address: 600 Second Street NE
City: Hopkins
State: Minnesota Zip: 55343-8384

3. Nature of Conveyance:

<input type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input checked="" type="checkbox"/> Other	<u>Corrective Assignment on Reel 010850, Frame 0453</u>

 Execution Date: June 6, 2000

4. Application number(s) or registration 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): 09/587,962
 - B. Patent No.(s):

5. Name and address of party of whom correspondence concerning document should be mailed:
 Name: C. G. Mersereau, Esq.
 NIKOLAI, NIKOLAI & DIETZ, P.A.
 Street Address: 900 Second Avenue South, #820
 City: Minneapolis State: MN Zip: 55402-3325

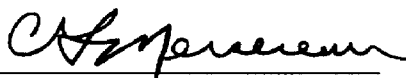
6. Number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41):
The Recording Fee was already paid.
8. The Commissioner is authorized to charge any fees or refund any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 08-1265. A duplicate copy of this sheet is enclosed.

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9. Statement and signature.
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.

C. G. Mersereau

Name of Person Signing



Signature

Date: September 28, 2000

Total number of pages including
cover sheet, attachments and document: 7

LAW OFFICES

NIKOLAI, MERSEREAU & DIETZ, P.A. *6-6-00*

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WASHINGTON, D.C. 20231

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<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other		

Execution Date: June 6, 2000

- Application number(s) or registration number(s):
If this document is being filed together with a new application, the execution date of the application is:
May 25, 2000 *09587962*

A. Patent Application No.(s):

06/14/2000 SCARNICH 00000018 09587962 Patent No.(s):

02 FC:581

40.00 DP

5. Name and address of party of whom correspondence concerning document should be mailed:
Name: C. G. Mersereau, Esq.
NIKOLAI, NIKOLAI & DIETZ, P.A.
Street Address: 900 Second Avenue South, #820
City: Minneapolis State: MN Zip: 55402-3325
6. Number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41): \$40.00
X A check is enclosed.
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9. Statement and signature.
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.

C. G. Mersereau

Name of Person Signing


Signature

Date: June 6, 2000

Total number of pages including
cover sheet, attachments and document: 4

A S S I G N M E N T

WHEREAS, I, Marlon D. Harris, a citizen of the United States of America, and residing at 140 Meadow Drive NW, Christiansburg, Virginia 24073, am the inventor of that certain invention disclosed and claimed in the application for United States Letters Patent executed by me on 5/25/2000, 2000, and entitled "ALIGNMENT FIXTURE"; and

WHEREAS, Alliant Techsystems Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal office located at 600 Second Street NE, Hopkins, Minnesota 55343-8384, is desirous of acquiring the said invention and any and all patents of any and all countries which may be granted on said invention.

NOW, THEREFORE, Be It Known that for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said Alliant Techsystems Inc. and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, Marlon D. Harris, have sold, assigned and transferred, and do hereby sell, assign and transfer unto said Alliant Techsystems Inc., the entire right, title, and interest, both legal and equitable, in and to the said above identified invention for all countries, in and to the same above identified application for patent, and in and to any and all patents of any and all countries which may be granted on said invention; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue, in accordance with this

Assignment, any and all patents which may be granted on the above identified application or on the invention therein disclosed.

Signed at 8:45am RADFORD, VA, this 25 day of MAY, 2000.

Marlon D. Harris
Marlon D. Harris

STATE OF Virginia SS
COUNTY OF Montgomery

On this 25 day of May, 2000, before me, a Notary Public for and within the County aforesaid, personally appeared Marlon D. Harris to me known to be the person described in the foregoing Assignment, and he acknowledged to me that he executed the same as his free act and deed.

Lisa Y. Epperly
Notary Public

(SEAL)