

01-15-2002

Docket No.: 20603US

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101946126

Tab settings → → →

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

1. Name of conveying party(ies):
Dipak S. Kamdar
Peter L. Langsjoen
Todd A. VanSlyke

Additional names(s) of conveying party(ies) Yes No

1/4/02

2. Name and address of receiving party(ies):

Name: **ALLIANT TECHSYSTEMS INC**

Internal Address: _____

Street Address: **5050 Lincoln Drive**

City: **Edina** State: **MN** ZIP: **55436**

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **10/30/2001**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/923,852

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **George A. Leone**

Internal Address: _____

Street Address: **2150 - 128th Ave. N.W.**

City: **Minneapolis** State: **MN** ZIP: **55448**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
01-0481 Alliant Techsystems Inc.

DO NOT USE THIS SPACE

11/14/2002 DBYRNE 00000462 010481 09923852

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.

George A. Leone
Name of Person Signing

George A. Leone
Signature

November 21, 2001
Date

4

ASSIGNMENT

Whereas, We, Dipak S. Kamdar of Maple Grove, County of Hennepin, Peter L. Langsjoen of St. Louis Park, County of Hennepin, and Todd A. VanSlyke of Rogers, County of Hennepin, all of the State of Minnesota, have invented certain new and useful improvements in a **SPRING DISC FOR SECURING A COMBUSTIBLE CARTRIDGE CASE TO A CASE BASE**, which is the subject of United States Patent Application Number 09/923,852, filed 08/07/2001; and

Whereas, **ALLIANT TECHSYSTEMS INC.**, a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at 5050 Lincoln Drive, Edina, Minnesota 55436-1097 USA is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore;

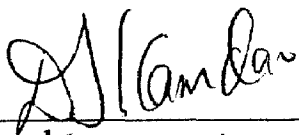
Now, therefore, for good and valuable consideration to us paid by the said **ALLIANT TECHSYSTEMS INC.**, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said **ALLIANT TECHSYSTEMS INC.**, its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United States is a party, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention,

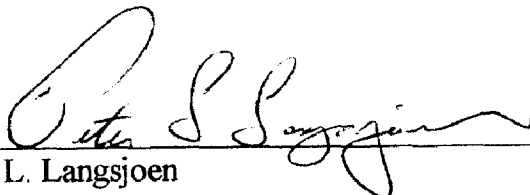
and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

This Assignment may be executed in several identical counterparts, all of which shall be considered together as a single document.



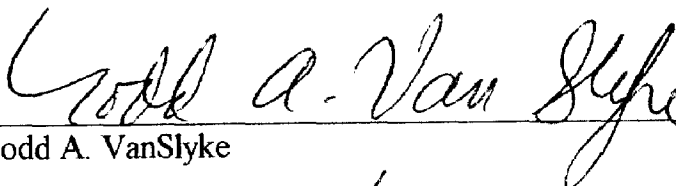
Dipak S. Kamdar

Date Signed: 10/23, 2001



Peter L. Langsjoen

Date Signed: 10/23, 2001



Todd A. VanSlyke

Date Signed: 10/30, 2001