

MRD
9.11.03

09-22-2003

Docket: 21906US

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼



102554547

T

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Calvin T. Candland
Dipak S. Kamdar
Rollie H. Dohrn

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 9/8/2003

2. Name and address of receiving party(ies)

Name: Alliant Techsystems Inc.

Internal Address: c/o Ms. Debbie Ledbeter

Street Address: 5050 Lincoln Drive

City: Edina State: MN Zip: 55436-1097

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

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: 9/8/2003

A. Patent Application No.(s) _____

B. Patent No.(s) _____

10 660 417

Additional numbers attached? ☐ Yes ☒ No

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

Name: George A. Leone, Sr.

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

☒ Authorized to be charged to deposit account

8. Deposit account number:

01-0481 of ALLIANT TECHSYSTEMS INC

DO NOT USE THIS SPACE

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

George A. Leone Reg. No. 30,567
Name of Person Signing

George A. Leone
Signature

September 11, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 2

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

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

09/18/2003 LNUELLER 00000050 010481

10660417

01 FC:8021

40.00 DA

PATENT
REEL: 014497 FRAME: 0165

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

ALLIANT TECHSYSTEMS INC.

a corporation organized under the laws of the state of DELAWARE as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

OBTURATOR FOR LARGE CALIBER SMOOTH BORE AMMUNITION

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 21906US, at George A. Leone & Associates, 2150 128th Ave NW, Minneapolis, MN 55448 and filed on even day herewith, as Application Serial No. _____, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize George A. Leone, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Calvin T. Candland
Inventor's Signature

9/8/2003
DATE

Calvin T. Candland
Inventor's Printed Name

Dipak S. Kamdar
Inventor's Signature

sep. 8, 2003
DATE

Dipak S. Kamdar
Inventor's Printed Name

Rollie H. Dohm
Inventor's Signature

9/8/03
DATE

Rollie H. Dohm
Inventor's Printed Name