503508521 10/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3555147

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
BANK OF AMERICA, N.A.	09/29/2015

RECEIVING PARTY DATA

Name:	ALLIANT TECHSYSTEMS INC.		
Street Address:	45101 WARP DRIVE		
City:	DULLES		
State/Country:	VIRGINIA		
Postal Code:	20166		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09831411

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: michael.barys@thomsonreuters.com
Correspondent Name: ELAINE CARRERA, LEGAL ASSISTANT

Address Line 1: 80 PINE STREET

Address Line 2: C/O CAHILL GORDON & REINDAL LLP

Address Line 4: NEW YORK, NEW YORK 10005

NAME OF SUBMITTER: ELAINE CARRERA	
SIGNATURE:	/Michael Barys/
DATE SIGNED:	10/05/2015

Total Attachments: 7

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PATENT REEL: 036723 FRAME: 0189

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RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies)				
Bank of America, N.A.	Name: Alliant Techsystems Inc.			
, and the second	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance/Execution Date(s):	Street Address: 45101 Warp Drive			
Execution Date(s) September 29, 2015				
Assignment Merger	Other puri			
Security Agreement Change of Name	City: <u>Dulles</u>			
Joint Research Agreement	State: VA			
Government Interest Assignment	Country: USA Zip: 20166			
Executive Order 9424, Confirmatory License	Codinity. doa 21p. 20100			
X Other Release of Security Interest	Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s): This document is being filed together with a new application.				
A. Patent Application No.(s)	B. Patent No.(s)			
09/831411				
Additional numbers at	ached? Yes XNo			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved: 1			
Name: Elaine Carrera, Legal Assistant	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Internal Address:	, , , , , , , , , , , , , , , , , , , ,			
	Authorized to be charged to deposit account			
Street Address: c/o Cahill Gordon & Reindel LLP	Enclosed			
80 Pine Street	None required (government interest not affecting title)			
City: New York	8. Payment Information			
State: NY Zip:10005				
Phone Number: (212) 701-3365				
Docket Number:	Deposit Account Number			
Email Address: ecarrera@cahill.com	Authorized User Name			
0.4 : -				
Signature. Signature	September 29, 2015 Date			
	Total number of pages including cover			
Elaine Carrera Name of Person Signing	sheet, attachments, and documents:			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450				

PATENT REEL: 036723 FRAME: 0190

INTELLECTUAL PROPERTY SECURITY AGREEMENT RELEASE

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT RELEASE (this "Release") is made effective as of September 29, 2015, by Bank of America, N.A., as administrative agent (the "Agent"), in favor of the Grantors (as defined in the IP Security Agreement referred to below).

WHEREAS, the Grantor entered into that certain Intellectual Property Security Agreement, dated as of March 31, 2004 (the "*IP Security Agreement*") whereby the Grantors granted to the Agent a security interest in and to certain intellectual property of the Grantors;

WHEREAS, the IP Security Agreement was recorded with the United States Patent and Trademark Office on May 28, 2004 at Reel 14729 and Frame 935 with respect to U.S. patents and patent applications; and

WHEREAS, in accordance with the provisions of the IP Security Agreement, the Agent now desires to release its security interest in and to the Collateral (as defined below).

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

SECTION 1. <u>Release of Grant of Security</u>. The Agent hereby releases to the Grantors its security interest in all of the Grantors' right, title and interest in and to the following (the "*Collateral*"):

- (i) the patents and patent applications set forth in <u>Schedule A</u> hereto (the "*Patents*");
- (ii) the trademark and service mark registrations and applications set forth on <u>Schedule B</u> hereto, together with the goodwill symbolized thereby (the "*Trademarks*");
- (iii) all copyrights, whether registered or unregistered, now owned or hereafter acquired by such Grantors, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth on Schedule C hereto (the "Copyrights");
- (iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantors accruing thereunder or pertaining thereto;
- (v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

1

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

SECTION 2. <u>Recordation</u>. The Agent authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this Release.

SECTION 3. <u>Governing Law</u>. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

[Signature Page Follows]

2

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized officer.

BANK OF AMERICA, N.A., as Agent

Title: Vice President

[Signature Page to Intellectual Property Security Agreement Release]

SCHEDULE A

PATENTS

Application Number	Filing Date	Owner	Co-Owner
09/831411	07-May-2001	Alliant Techsystems Inc.	

SCHEDULE B

TRADEMARKS

None.

B-1

PATENT REEL: 036723 FRAME: 0195

SCHEDULE C

COPYRIGHTS

None.

C-1

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PATENT REEL: 036723 FRAME: 0196