501903662 04/27/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Sharpin	04/24/2012
Jim Kolanek	04/24/2012
Mark A. Cvetnic	04/24/2012
Mike Hutchings	04/24/2012
James Tennison	04/24/2012
Kent Carl Nelson	04/24/2012
Harold Kregg Hunsberger	04/24/2012
Behshad Baseghi	04/24/2012

RECEIVING PARTY DATA

Name:	Alliant Techsystems Inc.	
Street Address:	1300 Wilson Boulevard	
Internal Address:	Suite 400	
City:	Arlington	
State/Country:	VIRGINIA	
Postal Code:	22209	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13455831

CORRESPONDENCE DATA

 Fax Number:
 (801)531-9168

 Phone:
 801-532-1922

 Email:
 djpfeil@traskbritt.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: TRASKBRITT, P.C./ ALLIANT TECH SYSTEMS

Address Line 1: P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

REEL: 028122 FRAME: 0195

PATENT

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ATTORNEY DOCKET NUMBER:	10929.1US (22540-US-01)	
NAME OF SUBMITTER:	Jeff M. Michelsen	
Total Attachments: 18		
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each 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 1300 Wilson Boulevard Suite 400, Arlington, VA 22209, 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, which has been executed by each undersigned ASSIGNOR concurrently herewith entitled METHODS AND APPARATUSES FOR ACTIVE PROTECTION FROM AERIAL THREATS, 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.

ASSIGNORS:

Residing at: 2 West Boulder Creek, Simi Valley, CA 93065

COUNTY OF LOS ANGELES
STATE OF CHIEFOCHIA; ss.

2012, before me personally appeared David Sharpin to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

> 6tary Public in and for said County and State

My Commission Expires:

LOS ANGELES COUNTY MY COMM. EXP. MAR. 18, 2016

Janus Lolanele	Date 4-24-3012	
Jim Kolanek		
Residing at: 60 Vereda Cordillera, Goleta, CA 93117		
그리 얼룩돌아가를 내려 가는 게 먹는데 그리는		
있는 그들이 가운 바로 하는 것이다. 		
1 1 2.1.0		
COUNTY OF LOS Angeles, state of California; ss.	왕이 많으로 만들었는데 그렇게 된다.	
California iss.		
STATE OF CHILD TO()		
On this 29th day of April, 2012, before r		
On this day of /// , 2012, before r	me personally appeared Jim Koland	3k
to me known to be the person whose name is subscribe	ed to the foregoing instrument, ar	10
acknowledged to me that he/she executed the same.		
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	1(11/2/)	
AT A TOP THE		
/ Notary Public/ii	n and for said County and State	
Mr. O. westerber Bersteiner		
My Commission Expires:		
3/18/2015		
	JANFEN M. FARIAGE	
in/section	A COMM # 19260A5	
	NOTARY PUBLIC - CALIFORNIA ()	
	LOS ANGELES COUNTY MY COMM. EXP. MAR. 18, 2015	
The state of the s		

		Date
Mark A. Cvetnic		
Residing at: 1425 Wil	dflower Lane, Ch	naska, MN 55318
COUNTY OF)	
	: ss.	
STATE OF)	
On this	_ day of to be the person	, 2012, before me personally appeared Mark A. whose name is subscribed to the foregoing instrument, and
acknowledged to me	that he/she execut	ted the same.
		Notary Public in and for said County and State
My Commission Exp	ires:	

MINE HOTCHMOS M	BAB Date 4/24/12
Mike Mark Hutchings Residing at: 3940 calle valle vista, New	
/oc//	
COUNTY OF LOS FINGELES, STATE OF CHILFOR NIQ)	
On this 2170 day of APIO Hutchings to me known to be the personand acknowledged to me that he/she exe	2012, before me personally appeared Mark on whose name is subscribed to the foregoing instrument, ecuted the same.
	Maria
- 보고 하는 경기 교육 가장 이 등의 변경 고양된다고 함께 되었다. - 보고 하는 것이 되는 것이 되었다. 그런 그런 경기를 받는 것이 되었다. - 보고 하는 것이 되었다. 그런 그는 것은 보고 있다. 그런 것이 되었다.	Notary Public in and for said County and State
My Commission Expires: 3/18/2015	JANEEN M. FARIAS COMM. # 1926045 O
	LOS ANGELES COUNTY MY COMM. EXP. MAR. 18, 2015 T

Residing at: 420 Kennedy Avenue, Ventura, CA 93003 COUNTY OF LOS Angeles)
STATE OF OALIFOXNIA; ss. On this 2/m day of April, 2012, before me personally appeared James Tennison to me known to be the person whose name is subscribed to the foregoing instrument, _, 2012, before me personally appeared James and acknowledged to me that he/she executed the same. ofary Public in and for said County and State My Commission Expires:

Kor Can Ihr	Date 4/24/12
Kent Carl Nelson Residing at: 779 Languid Lane, Simi V	Valley, CA 93065
COUNTY OF AMUSOCALA N	
COUNTY OF CALIFORNIA)	보다 하는 것 같아. 그는 사람들은 사람들은 사람들이 되었다.
STATE OF US MULLES)	
On this 14st day of Account	ரு , 2012, before me personally appeared Kent Car
	whose name is subscribed to the foregoing instrument, and
acknowledged to me that he/she execut	
	Journ Zoning
	Notary Public in and for said County and State
	Thomas agric in any low state organic, and state
My Commission Expires:	
	ANTHONY ESPINOZA
<u>04. r., 2012</u>	Commission # 1817268
	Notary Public - California E Los Angeles County
	My Comm. Expires Oct 12, 2012

Harold Kregg Hunsberger Residing at: 1030 North Currier Avenue, Simi Valley, CA 93065 COUNTY OF Los Argeles, STATE OF California; ss. On this 2477 day of Apxil, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/8/2015	The Huger	Date $\frac{4/24/2012}{}$
COUNTY OF Los Angeles, STATE OF CAlifornia; ss. On this 4 m day of April, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015	Harold Kregg Hunsberger	
On this day of APCI, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015	Residing at: 1030 North Currier Avenue, S	imi Valley, CA 93065
On this day of April, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015		
On this day of April, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015	일을 살 경찰 보고 없는 경기 시간 얼룩 걸	
On this day of APCI, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015		
On this day of APCI, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015		
On this day of April , 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015	COUNTY OF LOS Angeles	
On this day of April, 2012, before me personally appeared Harold Kregg Hunsberger to me known to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/18/2015	STATE OF CALIFORNIA; ss.	
and acknowledged to me that he/she executed the same. Notary Public in and for said County and State My Commission Expires: 3/8/2015	On this 24th day of APKI	_, 2012, before me personally appeared Harold Kregg
My Commission Expires: 3/18/2015	Hunsberger to me known to be the person and acknowledged to me that he/she execut	whose name is subscribed to the foregoing instrument ed the same.
My Commission Expires: 3/18/2015		La Dayas
My Commission Expires: 3/18/2015		N / Pill i de mid County and State
3/18/2015		Notary Fublic in and for said County and State
3/18/2015	My Commission Expires:	
TANEEN M. FARIAS &		J MANESA W SARVES
10 6 2 CMM. # 1920U45		(A) COMM.# 1926045
NOTARY PUBLIC - CALIFORNIA W LOSA NICELES COUNTY		LOS ANGELES COUNTY

Behshad Baseghi
Residing at: 5326 Berkeley Road, Santa Barbara, CA 93111

COUNTY OF LOS ANGERS

STATE OF CHIROCHIA:

On this AIM day of April, 2012, before me personally appeared Behshad Baseghi to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Notary Public in and for said County and State

My Commission Expires:

3/18/2015

JANEEN M. FARIAS COUNTY M. CORM. # 1926045 NOTAM PLOS ANGELES COUNTY M. PROM. # 1926045 NOTAM PLOS ANGELES COUNTY M. PROM. # 1926045 NOTAM PLOS ANGELES COUNTY M. PROM. # 1926045 NOTAM PLOS A

ASSIGNMENT

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SELL, ASSIGN AND TRANSFER to Alliant Techsystems Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 1300 Wilson Boulevard Suite 400, Arlington, VA 22209, 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, which has been executed by each undersigned ASSIGNOR concurrently herewith entitled METHODS AND APPARATUSES FOR ACTIVE PROTECTION FROM AERIAL THREATS, 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 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;

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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.

ASSIGNORS:	
	Date
David Sharpin	
Residing at: 2 West Boulder Creek	k, Simi Valley, CA 93065
COUNTY OF)	
: SS.	
STATE OF)	
On this day of to me known to be the person acknowledged to me that he/she ex	, 2012, before me personally appeared David Sharpin whose name is subscribed to the foregoing instrument, and xecuted the same.
	Notary Public in and for said County and State
My Commission Expires:	

		Date
Jim Kolanek		
Residing at: 60 Vereda	Cordillera, Gole	eta, CA 93117
COUNTY OF	`	
COUNTTOF	; ss.	
STATE OF)	
On this d to me known to be the acknowledged to me that	e person whos	, 2012, before me personally appeared Jim Kolanek e name is subscribed to the foregoing instrument, and ed the same
deknowiedged to me the	it iio/biio exceat	ou the sume.
		Note on Bublic is and for soid County and State
		Notary Public in and for said County and State
My Commission Expire	s:	

MING	Date 4/24/12
Mark A. Cvetnic V	
Residing at: 1425 Wildflower Lane, Chaska, MN 55318	
COUNTY OF Hennepin) : ss. STATE OF Minnebola)	
STATE OF Minnebola)	
On this <u>JU</u> day of <u>April</u> , 2012, before m Cvetnic to me known to be the person whose name is subscribed acknowledged to me that he/she executed the same.	e personally appeared Mark A. to the foregoing instrument, and
Notary Public in and	I for said County and State
My Commission Expires:	LEEN R RADFOND IN Jobsy Public to of Mirrocosts Jobson H. 200

		Date
Mark Hutchings		
Residing at: 3940 calle	valle vista, Nev	vbury Park, CA 91320
COUNTY OF)	
	: ss.	
STATE OF)	
On this	day of	, 2012, before me personally appeared Mark
		on whose name is subscribed to the foregoing instrument,
and acknowledged to m	-	——————————————————————————————————————
· ·		
		Ni a Dilli i di Contanti Cata
		Notary Public in and for said County and State
My Commission Expire	ec.	
Wiy Commission Expire	C 3.	

		Date
James Tennison Residing at: 420 Kennedy A	Avenue, Ventura,	, CA 93003
COUNTY OF) : ss.	
STATE OF)	
On this day Tennison to me known to l and acknowledged to me the	oe the person wh	, 2012, before me personally appeared Jame hose name is subscribed to the foregoing instrument ed the same.
		Notary Public in and for said County and State
My Commission Expires:		

	Date
Kent Carl Nelson	GA 02065
Residing at: 779 Languid Lane, Simi Valle	y, CA 93065
COUNTY OF)	
: ss.	
STATE OF)	
On this day of	, 2012, before me personally appeared Kent Carl
Nelson to me known to be the person whos	se name is subscribed to the foregoing instrument, and
acknowledged to me that he/she executed the	ne same.
	Notary Public in and for said County and State
	Notary I done in and for said County and State
My Commission Expires:	

	Date
Harold Kregg Hunsberger	
Residing at: 1030 North Currier Avenue, S	imi Valley, CA 93065
,	3 ,
COUNTY OF)	
: ss.	
STATE OF)	
On this day of Hunsberger to me known to be the person and acknowledged to me that he/she execut	, 2012, before me personally appeared Harold Kregg whose name is subscribed to the foregoing instrument, ted the same.
	Notary Public in and for said County and State
My Commission Expires:	

		Date
Behshad Baseghi		
Residing at: 5326 I	Berkeley Road, San	ta Barbara, CA 93111
COUNTY OF)	
	:ss.	
STATE OF)	
On this	day of	, 2012, before me personally appeared Behshad
Baseghi to me know	wn to be the person	whose name is subscribed to the foregoing instrument, and
acknowledged to m	e that he/she execu	ted the same.
		Notary Public in and for said County and State
My Commission Ex	xpires:	
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