PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. CHOINIERE	11/19/2014
EGOR V. DEGTIAREV	11/20/2014
ERIC C. GAUSCH	11/25/2014
DEREK P. JANIAK	11/24/2014

RECEIVING PARTY DATA

Name:	BAE Systems Information and Electronic Systems Integration Inc.	
Street Address:	65 Spit Brook Road	
Internal Address:	NHQ1-719	
City:	Nashua	
State/Country:	NEW HAMPSHIRE	
Postal Code:	03060	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14763621	

CORRESPONDENCE DATA

Fax Number: (603)885-2167

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.

Phone: 603-885-9922

Email: maureen.miles@baesystems.com

MAUREEN MILES Correspondent Name: 65 SPIT BROOK ROAD Address Line 1:

Address Line 2: NHQ1-719

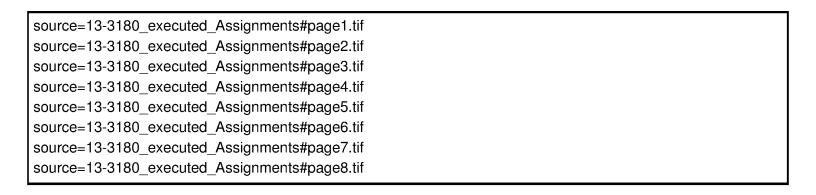
Address Line 4: NASHUA, NEW HAMPSHIRE 03060

ATTORNEY DOCKET NUMBER:	13-3180	
NAME OF SUBMITTER:	MAUREEN MILES	
SIGNATURE:	/Maureen Miles/	
DATE SIGNED:	07/27/2015	

Total Attachments: 8

PATENT REEL: 036185 FRAME: 0485

EPAS ID: PAT3456269



For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems Information And Electronic Systems Integration Inc. (hereinafter referred to as BAE), a Delaware corporation, having a place of business at PO Box 868, Nashua, New Hampshire, 03061-0868 in furtherance of my/our obligations to BAE, and do hereby assign and transfer to BAE. its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

DETERMINING A RETURN LASER SIGNAL ASSOCIATED WITH A TARGET IN LASER RANGE FINDERS

Filling date: <u>7-3.7-200</u> 5	Application Number: 14/74 3, 62

and executed on even date herewith the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIPs), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto including the right of priority under the International Convention which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize BAE to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by BAE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made:

And I/we hereby covenant that I/we have a full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay. execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent to BAE, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to BAE, or to its nominee, all known facts respecting said invention(s) or improvement(s) said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations. CIPs, reissue and foreign applications, to make all rightful paths and declarations, and generally to do everything possible to aid. BAE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvements(s) in any and all countries:

And I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to BAE, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

I/we further authorize and direct BAE attorneys to insert the application number and filing date of said application now identified by the case number and title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

Date Assignment Signed:

Date Witness Signed:

Date Assignment Signed:		
		EGOR V. DEGTIAREV
Date Witness Signed:		
		[Witness signature]
		[Witness Printed Name]
Date Assignment Signed;		
		ERIC C. GAUSCH
Date Witness Signed:		
		(Witness signature)
	•	(Witness Printed Name)
Date Assignment Signed:		
		DEREK P. JANIAK
Date Witness Signed:		
		(Witness signature)
	***	[Witness Printed Name]

For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems Information And Electronic Systems Integration Inc. (hereinafter referred to as BAE), a Delaware corporation, having a place of business at PO Box 868, Nashua, New Hampshire, 03061-0868 in furtherance of my/our obligations to BAE, and do hereby assign and transfer to BAE, its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

<u>DETERMINING A RETURN</u>	LASER SIGNA	************	D WITH A TA	RGET IN LASE!	RANGE
		FINDERS		1	
Filing date: $\frac{7}{2}$	<u> 2 20/5 </u>	Applicat	ion Number:	14/963	<u>.</u> _227_
and executed on even date he all continuations, continuation application for said Letters Pa foreign thereto including the ri thereon or therefore; and any	s-in-part (CIPs), tent, and any ar ght of priority ur	, divisionals, and nd all Letters Pa nder the interna	d renewals of Itent of the Un Itional Conven	and substitutes fi ited States and o tion which may b	or said of countries e granted
I/We additionally auth country, to be held and enjoys the full end of the term or term extended, as fully and entirely assignment, and transfer not the state of	id by BAE, its so is for which said as the same wo	uccessors, assign Letters Patent	gns, nominees respectively n	s or legal represe hay be granted, r	ntatives, to eissued or
And I/we hereby cove assigned, and that I/we have r i/we further covenant and agreexecute and deliver all such p invention(s) or improvement(s nominees or legal representat facts respecting said invention any legal proceedings, to sign CIPs, reissue and foreign appleverything possible to aid BAI and enforce, for its or their owin any and all countries;	not executed an se that I/we will, apers as may be), said application ives, and I/we and (s) or improvent all lawful paper ications, to mak E, its successor	d will not execute a receive a receive and said Letter to communent(s) said appropers, to execute all rightful oats, assigns, nome	te any agreen quest is made desirable to peers Patent to linicate to BAE, lication and sit is and declar inees and leg.	nent in conflict he , and without und erfect the title to to BAE, its success or to its nominer aid Letters Paten and divisionals, or ations, and gene at representative	rewith, and lue delay, said ors, assigns, s, all known t, to testify in ontinuations, rally to do s to obtain
And I/we hereby author United States and any official issue patents on applications a interest, any and all Letters Patent of the United States what aforesaid, in accordance with	of any country o as aforesaid, to itent for said inv ich may be issu	ir countries fore issue to BAE, a rention(s) or imp ied and granted	ign to the Unit is assignee of provement(s),	ed States whose the entire right, t including any and	duty it is to itle and d all Letters
i/we further authorize a said application now identified have been known to them by t	by the case nur	mber and title so	et forth above	as soon as the s	
Date Assignment Signed:					
			MICHAI	EL J. CHOINIER	E
Date Witness Signed:					
			[Witne	ess signature]	

PATENT REEL: 036185 FRAME: 0489

(Witness Printed Name)

Date Assignment Signed:	1/20/2019	EGOR V. DEGTIAREV
Date Witness Signed:	<u> </u>	(Witness signature) Pobert to Cortan Kor [Witness Printed Name]
Date Assignment Signed:	<u></u>	ERIC C. GAUSCH
Date Witness Signed:		(Witness signature)
	- incom	(Witness Printed Name)
Date Assignment Signed:		DEREK P. JANIAK
Date Witness Signed:		[Witness signature]
		(Witness Printed Name)

For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems information And Electronic Systems Integration Inc. (hereinafter referred to as BAE), a Delaware corporation, having a place of business at PO Box 868, Nashua, New Hampshire, 03061-0868 in furtherance of my/our obligations to BAE, and do hereby assign and transfer to BAE, its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Palent of the United States entitled:

and under an application for Lebers Palent of	I the United States entitled:	
DETERMINING A RETURN LASER SIGNA	FINDERS	
Filing date: <u>2-27-201</u> 5	Application Number:	14/763,621
and executed on even date herewith the inve all continuations, continuations-in-part (CIPs) application for said Letters Patent, and any a foreign thereto including the right of priority u thereon or therefore; and any reissues, or res	i, divisionals, and renewals of nd all Leiters Patent of the Ui nder the International Conver	and substitutes for said nited States and of countries nition which may be granted
I/We additionally authorize BAE to file country, to be held and enjoyed by BAE, its at the full end of the term or terms for which said extended, as fully and entirely as the same wassignment, and transfer not been made;	uccessors, assigns, nominee I Letters Patent respectively	s or legal representatives, to may be granted, reissued or
And I/we hereby covenant that I/we has assigned, and that I/we have not executed an I/we further covenant and agree that I/we will, execute and deliver all such papers as may be invention(s) or improvement(s), said application nominees or legal representatives, and I/we a facts respecting said invention(s) or improven any legal proceedings, to sign all lawful paper CIPs, reissue and foreign applications, to make verything possible to aid BAE, its successor and enforce, for its or their own benefit, proper in any and all countries.	id will not execute any agreer, each time a request is made a necessary or desirable to pon and said Letters Patent to agree to communicate to BAE nent(s) said application and size, to execute all disclaimers and fectal rightful paths and declars, assigns, nominees and lectars.	nent in conflict herewith, and is, and without undue delay, serfect the title to said. BAE, its successors, assigns is, or to its nomines, all known aid Letters Patent, to testify ir and divisionals, continuations rations, and generally to do tal representatives to obtain.
And I/we hereby authorize and request United States and any official of any country of issue patents on applications as aforesaid, to interest, any and all Letters Patent for said invested of the United States which may be issued or esaid, in accordance with the terms of this	or countries foreign to the Unitesue to BAE, as assignee of rention(s) or improvement(s), sed and granted on or as a re	ted States whose duty it is to the entire right, title and including any and all Letters
I/we further authorize and direct BAE said application now identified by the case nureave been known to them by the United State	mber and title set forth above	as soon as the same shall
Date Assignment Signed:	MICHA	EL J. CHOINIERE
Date Witness Signed:	!Witn	ess signature)
	,	and sufficiency of
	Witnes	ss Printed Name)

Date Assignment Signed:		EGOR V. DEGTIAREV
		ECON N. DECHMINEN
Date Wilmess Signed:		(Witness signature)
		[Witness Printed Name]
Date Assignment Signed:	11/25/2014	EQ Dans
water mangenerated wighted.	3	/ ERICIC GAUSCH
Date Witness Signed:	11/24/2014	<u> </u>
		/ [Witness signature]
		Science Gibson
		(Witness Printed Name)
8.1.4.1.1.1		
Date Assignment Signed:		DEREK P. JANIAK
Oate Witness Signed:		(Witness signature)
		Common organizarity
		[Witness Printed Name]

For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems Information And Electronic Systems Integration Inc. (hereinafter referred to as BAE), a Delaware corporation, having a place of business at PO Box 866, Nashua, New Hampshire, 03061-0868 in furtherance of my/our obligations to BAE, and do hereby assign and transfer to BAE, its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

DETERMINING A RETURN LASER SIGNAL ASSOCIATED WITH A TARGET IN LASER RANGE
FINDERS Filing date: 7.22.205 Application Number: 44/763,627
and executed on even date herewith the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIPs), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto including the right of priority under the International Convention which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.
I/We additionally authorize BAE to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by BAE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;
And I/we hereby covenant that I/we have a full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent to BAE, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to BAE, or to its nominee, all known facts respecting said invention(s) or improvement(s) said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIPs, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid BAE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvements(s) in any and all countries;
And I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to BAE, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.
I/we further authorize and direct BAE attorneys to insert the application number and filing date of said application now identified by the case number and tille set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.
Date Assignment Signed: MICHAEL J. CHOINIERE
Date Witness Signed: [Witness signature]

PATENT REEL: 036185 FRAME: 0493

(Witness Printed Name)

renen du dannan de Erenense		
Date Assignment Signed:	***************************************	EGOR V. DEGTIAREV
Date Witness Signed:		[Witness signature]
		[Wilness Printed Name]
Date Assignment Signed:		ERIC C. GAUSCH
Date Witness Signed:	***************************************	[Witness signature]
		(Witness Printed Name)
Date Assignment Signed:	W/24/2014	DRIR
		DEREK P JANIAK
Date Witness Signed:	11/24/2014	Sail Kylin
		(Witness signátúrál) Paul Kiefner
		[Witness Printed Name]