#### 12/19/2016 504134475

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4190761

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS J JOHNSON	12/15/2016
JACK CHUANG	12/15/2016
SOULEMAYNE GNANOU	12/15/2016
CURTIS M GRENS	12/15/2016
MARK E STUENKEL	12/15/2016
PAUL D ZEMANY	12/19/2016
MICHAEL OH	12/15/2016

#### **RECEIVING PARTY DATA**

Name:	BAE Systems Information And Electronic Systems Integration Inc.
Street Address:	65 Spit Brook Road
Internal Address:	NHQ01-719
City:	Nashua
State/Country:	NEW HAMPSHIRE
Postal Code:	03060

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14974324

#### **CORRESPONDENCE DATA**

(603)885-2167 Fax Number:

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**GLORIA ABBASCIANO Correspondent Name:** Address Line 1: 65 SPIT BROOK ROAD

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ATTORNEY DOCKET NUMBER:	14-3276
NAME OF SUBMITTER:	GLORIA ABBASCIANO
SIGNATURE:	/Gloria Abbasciano/

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Total Attachments: 6
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PATENT REEL: 040668 FRAME: 0163

## ASSIGNMENT

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 my/our 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:

# TUNABLE EVANESCENT CAVITY FILTER WITH CLOSED LOOP CONTROL

Filing date:	18-Dec-2015	Application Number:	14/974,324
said Letters Patent, the right of priority	and any and all I amore	Patent of the United States and	set forth therein, and any and all ad substitutes for said application for of countries foreign thereto including ted thereon or therefore; and any
terms for which said same would have be	Letters Patent respective held and enjoyed by	vely may be granted, reissued or me/us had this assignment, and	
agree that I/we will, may be necessary or Letters Patent to BAI to BAE, or to its non said Letters Patent, to divisionals, continuat generally to do every	each time a request is madesirable to perfect the self. its successors, assigns time, all known facts restently in any legal professors, CIPs, reissue and thing responsible to aid.	under, and without undue delay, e title to said invention(s) or impr s, nominees or legal representati specting said invention(s) or im ceedings, to sign all lawful pape foreign applications, to make all	ntire interest herein assigned, and that with, and I/we further covenant and execute and deliver all such papers as overnent(s), said application and said ives, and I/we agree to communicate provement(s) said application and are, to execute all disclaimers and I rightful oaths and declarations, and minees and legal representatives to aid invention(s) or improvements(s)
applications as aforesa Patent for said invention	id, to issue to BAE, as a	n to me comed sizies whose diff	title and interest, any and all Letters
I/we further authori application now identif to them by the United S	re and direct BAE attorn ied by the case number; lates Patent and Traden	neys to insert the application nu and title set forth above as soon nark Office.	mber and filing date of said as the same shall have been known
Date Assignment Signe	12/15/20	16 York	Holmn
Date Witness Signed:	12/15/10	6 144 1	terrely ess signature)
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**PATENT** REEL: 040668 FRAME: 0164

Date Assignment Signed:	12/15/16	Ja Coga
		Jack Chuang
Date Witness Signed:	12/15/16_	[Wilness signature]
		Spuley was a Gronou [Witness Printed Name]
Date Assignment Signed:	12/15/16_	
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		MARK STUENKEC
		Witness Printed Name]
Date Assignment Signed:	12/15/16	
	**	Curtis M. Grens
Date Witness Signed:	2/15/16	Le La
		[Witness signature]
		STEVEN TURNER
		[Witness Printed Name]
Date Assignment Signed:		
		Michael Oh
Date Witness Signed:		
•		[Witness signature]
		[Witness Printed Name]

Date Assignment Signed: 12/15/16

Date Witness Signed: 12/15/16

Date Witness Signed: 12/15/16

[Witness signature]

Curtis Grens
[Witness Printed Name]

CASE NO. 14-3276

Date Assignment Signed: 2/19/16 Paul D. Zemany

Date Witness Signed: [Witness signature]

PATENT REEL: 040668 FRAME: 0166

### ASSIGNMENT

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 my/our 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:

TUNABLE EVANESCENT	CAVITY FILTER WITH CLA	OSED LOOP CONTROL
Filing date: 18-Dec-2015	Application Number:	14/974,324
and executed on even date herewith the in continuations, continuations-in-part (CIP said Letters Patent, and any and all Letter the right of priority under the Internationa reissues, or reexaminations, or extensions	s), divisionals, and renewals of a rs Patent of the United States and al Convention which may be grai	nd substitutes for said application for I of countries foreign thereto including
I/We additionally authorize BAE to fi held and enjoyed by BAE, its successors, terms for which said Letters Patent respec- same would have been held and enjoyed	assigns, nominees or legal repre ctively may be granted, reissued	sentatives, to the full end of the term or or extended, as fully and entirely as the
And I/we hereby covenant that I/we hat I/we have not executed and will not executed agree that I/we will, each time a request is may be necessary or desirable to perfect the Letters Patent to BAE, its successors, ass to BAE, or to its nominee, all known fact said Letters Patent, to testify in any legal divisionals, continuations, CIPs, reissue a generally to do everything reasonable to a obtain and enforce, for its or their own be in any and all countries;	ute any agreement in conflict her s made, and without undue delay he title to said invention(s) or in igns, nominees or legal represent s respecting said invention(s) or proceedings, to sign all lawful pound foreign applications, to make aid BAE, its successors, assigns,	, execute and deliver all such papers as approvement(s), said application and said atives, and I/we agree to communicate improvement(s) said application and apers, to execute all disclaimers and all rightful oaths and declarations, and nominees and legal representatives to
And I/we hereby authorize and reques any official of any country or countries fo applications as aforesaid, to issue to BAE Patent for said invention(s) or improveme may be issued and granted on or as a resu Assignment.	reign to the United States whose , as assignee of my/our entire rig ont(s), including any and all Lette	tht, title and interest, any and all Letters ars Patent of the United States which
I/we further authorize and direct BAE application now identified by the case nur to them by the United States Patent and T	nber and title set forth above as:	
Date Assignment Signed:		
	·	Thomas J. Johnson
Date Witness Signed:		[Witness signature]
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PATENT REEL: 040668 FRAME: 0167

[Witness Printed Name]

Date Assignment Signed:		
		Jack Chuang
Date Witness Signed:		
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		[Witness Printed Name]
Date Assignment Signed:		
		Souleymane Gnanou
Date Witness Signed:		
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		[Witness Printed Name]
Date Assignment Signed:		
		Curtis M. Grens
Date Witness Signed:		
		[Witness signature]
		[Witness Printed Name]
Date Assignment Signed:	1415/16	mer-
		Michael Oh
Date Witness Signed:	12/15/16	MAMA
· · · · · · · · · · · · · · · · · · ·		[Witness signature]
		Jam M. BENNETT
		[Witness Printed Name]

Date Assignment Signed:

Date Witness Signed:

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Date Assignment Signed:

Date Witness Signed:

[Witness Printed Name]

Date Witness Signed:

[Witness signature]

PATENT REEL: 040668 FRAME: 0169

[Witness Printed Name]

**RECORDED: 12/19/2016** 

CASE NO. 14-3276