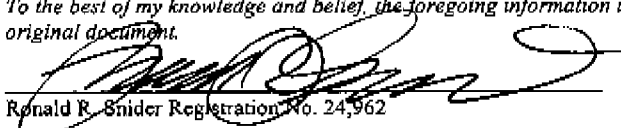


<b>Mail Stop:</b> <b>Assignment Recordation Services</b> <b>Director of the U.S. Patent</b> <b>and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		<b>U.S. DEPARTMENT OF COMMERCE</b> <b>Patent and Trademark Office</b>	
				Attorney Docket No. <u>138625</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>5</u>					
1. A. Name of conveying party(ies): Raymond J. SILVA Dennis BOWLER Gene ROBILLARD  B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party(ies):  BAE Systems Information and Electronic Systems Integration Inc. P.O. Box 868 Naushua, New Hampshire 03061-0868  B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  B. Execution Date: <u>December 10, 2008;</u> <u>December 10, 2008 and December 11, 2008</u>					
4. A. Patent Application No.(s) <u>12/327,383</u>		B. Patent No.(s)			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
C. Title of Application: <u>HIGH DENSITY COMPOSITE FOCAL PLANE ARRAY</u>					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Ronald R. Snider</u>  Address: <b>OLIFF &amp; BERRIDGE, PLC</b> <b>P.O. Box 320850</b> <b>Alexandria, VA 22320-4850</b> <b>Phone Number: 703-836-6400</b> <b>Fax Number: 703-836-2787</b>			6. Total number of applications and patents involved: <u>1</u>		
			7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> .		
			8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. <b>Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Ronald R. Snider Registration No. 24,962					
Date: <u>March 30, 2009</u>					

CH \$40.00 150461 12327383

Case No. BAEP-1060

**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 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:

**High Density Composite Focal Plane Array**Filing date: 03-Dec-2008 Application Number: 12/327,383

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;

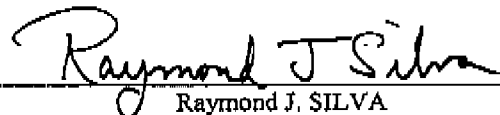
And I/we hereby covenant that I/we have a full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute 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 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:

12-10-2008

  
Raymond J. SILVA

Date Witness Signed:

12/10/2008

  
[Witness signature]

BRUCE W. BARAN

[Witness Printed Name]

**PATENT****REEL: 022474 FRAME: 0095**

Case No. BAEP-1060

Page 2

Date Assignment Signed: 12/10/08 Dennis P. Bowler  
 Dennis BOWLER

Date Witness Signed: 12/10/2008 Gene W. Robillard  
 [Witness signature]  
Gene W. Robillard  
 [Witness Printed Name]

Date Assignment Signed: \_\_\_\_\_  
 Gene ROBILLARD

Date Witness Signed: \_\_\_\_\_  
 [Witness signature]  
 \_\_\_\_\_  
 [Witness Printed Name]

Case No. BAEP-1060

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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:

**High Density Composite Focal Plane Array**Filing date: 03-Dec-2008 Application Number: 12/327,383

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 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: \_\_\_\_\_

\_\_\_\_\_  
Raymond J. SILVA

Date Witness Signed: \_\_\_\_\_

\_\_\_\_\_  
[Witness signature]\_\_\_\_\_  
[Witness Printed Name]

**PATENT**  
**REEL: 022474 FRAME: 0097**

Case No. BAEP-1060  
Page 2

Date Assignment Signed: \_\_\_\_\_  
Dennis BOWLER

Date Witness Signed: \_\_\_\_\_  
[Witness signature]  
\_\_\_\_\_  
[Witness Printed Name]

Date Assignment Signed: 12/11/08 \_\_\_\_\_  
*Gene Robillard*  
Gene ROBILLARD

Date Witness Signed: 12/11/08 \_\_\_\_\_  
*Richard J. Kokoszka*  
[Witness signature]  
Richard J. Kokoszka  
[Witness Printed Name]