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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)

DENNIS P. BOWLER
RAYMOND J. SILVA
GERARD A. ESPOSITO

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name:
BAE SYSTEMS INFORMATION AND
ELECTRONIC SYSTEMS INTEGRATION
INC.

Street Address: PO Box 868, NHQ1-719

City: Nashua

State: New Hampshire

Country: US Zip: 03061

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 30, 2012

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

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)

13/604,655

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Global IP Services, PLLC

Internal Address: _____

Street Address: 10 Crestwood Lane

City: Nashua

State: New Hampshire Zip: 03062-4203

Phone Number: 603-888-7958

Docket Number: BAEP-1575US1

Email Address: docketing@globalipservices.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 19-0130

Authorized User Name BAE Systems

9. Signature:

/Prakash NAMA/
Signature

September 06, 2012
Date

Prakash NAMA
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

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

CH \$40.00 190130 13604655

CASE NO.: BAEP-1575US1

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 568, 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:

DEFORMABLE FOCAL PLANE ARRAYFiling date: September 6, 2012Application Number: 13/604,655

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:

30 August 2012 Dennis P. Bowler
DENNIS P. BOWLER

Date Witness Signed:

30 Aug 2012 Paul D. Welch
[Witness signature]
Paul D. Welch
[Witness Printed Name]

CASE NO. : BAEP-1575081

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Date Assignment Signed: Aug 29, 2012 Raymond J. Silva
RAYMOND J. SILVA

Date Witness Signed: Aug 29, 2012 [Signature]
[Witness signature]
Scott Scruschia
[Witness Printed Name]

Date Assignment Signed: Aug 30, 2012 Gerard A. Esposito
GERARD A. ESPOSITO

Date Witness Signed: 30 Aug 2012 [Signature]
[Witness signature]
Paul D. Walsh
[Witness Printed Name]