

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
|---|---|---------------|---|---------------------|--------------------|-------------------|------------|-----------------------|------------|----------------|---------------|--------------|-------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| CONVEYING PARTY DATA  |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Aaron B. Johnson</td><td>04/06/2011</td></tr><tr><td>David Schorr</td><td>03/21/2011</td></tr><tr><td>James H. Steenson Jr.</td><td>04/06/2011</td></tr></tbody></table>   |   | Name          | Execution Date  | Aaron B. Johnson    | 04/06/2011         | David Schorr      | 03/21/2011 | James H. Steenson Jr. | 04/06/2011 |                |               |              |       |
| Name  | Execution Date  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Aaron B. Johnson  | 04/06/2011  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| David Schorr  | 03/21/2011  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| James H. Steenson Jr.   | 04/06/2011  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| RECEIVING PARTY DATA  |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| <table border="1"><tr><td>Name:</td><td>BAE Systems Information and Electronic Systems Integration Inc.</td></tr><tr><td>Street Address:</td><td>65 Spit Brook Road</td></tr><tr><td>Internal Address:</td><td>NHQ1-719</td></tr><tr><td>City:</td><td>Nashua</td></tr><tr><td>State/Country:</td><td>NEW HAMPSHIRE</td></tr><tr><td>Postal Code:</td><td>03060</td></tr></table> |   | 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 |
| 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   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13377084</td></tr></tbody></table>  |   | Property Type | Number  | Application Number: | 13377084           |                   |            |                       |            |                |               |              |       |
| Property Type   | Number  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Application Number:   | 13377084  |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| CORRESPONDENCE DATA   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Fax Number: (603)885-2167   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Phone: 603-885-9922   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Email: maureen.miles@baesystems.com   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Correspondent Name: Maureen Miles   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Address Line 1: 65 Spit Brook Road  |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Address Line 2: NHQ1-719  |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Address Line 4: Nashua, NEW HAMPSHIRE 03060   |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| ATTORNEY DOCKET NUMBER:   | BAEP-1373   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| NAME OF SUBMITTER:  | Maureen Miles   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |
| Total Attachments: 2<br>source=BAEP1373Assignment#page1.tif<br>source=BAEP1373Assignment#page2.tif  |   |               |   |                     |                    |                   |            |                       |            |                |               |              |       |

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PATENT  
REEL: 027375 FRAME: 0383

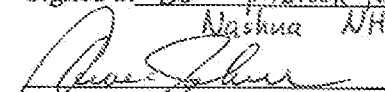
# ASSIGNMENT

For good and valuable consideration acknowledged and received, Aaron Johnson, a citizen of the United States of America, residing at the address set forth below next to my name, David Schorr a citizen of the United States of America, residing at the address set forth below next to my name, and James H. Steenson, Jr., a citizen of the United States of America, residing at the address set forth below next to my name, do hereby sell and assign for ourselves and our heirs, successors, and assigns, to **BAE SYSTEMS Information and Electronic Systems Integration Inc.** (hereinafter referred to as the Company), a Delaware corporation, having a place of business at 65 Spit Brook Road, Nashua, New Hampshire 03061, its successors, assigns, and nominees, our entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the invention relating to improvements in

## AVALANCHE PHOTODIODE OPERATING VOLTAGE SELECTION ALGORITHM

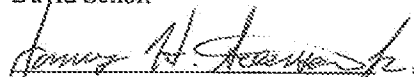
invented by us and the application for United States Patent therefor, identified by Docket No. BAEP-1373-PCT of the Company, and executed on even date herewith, or if not so executed, was: (a) executed on \_\_\_\_\_ or; b) filed on 12/8/11 with Serial No. 13/377,084, and all divisions and continuations thereof, and all Patents which may be granted therefor and all reissues and extensions thereof together with all our rights in and to the said invention and any Patents that may hereafter be obtained therefor in any and all foreign countries including the right of priority under the International Convention based on the said application and the right of said Company to apply in its own name for Letters Patent therefor in any and all foreign countries, where legally permissible, and authorize and request the Commissioner of Patents and Trademarks to issue all United States Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that we have full right so to do, and agree that we will communicate to said Company or its representatives any facts known to us respecting said invention and testify in any legal proceeding, execute all divisional, continuing and reissue applications and all assignments of said invention, make all rightful oaths, sign all lawful papers, if and when required to do so, and generally do everything reasonably possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

Signed at 65 Spitbrook Rd, \_\_\_\_\_ this 6 day of April, 2011  
Nashua NH

  
 Aaron Johnson

7 Whitewood Lane, Merrimack, NH 03054  
 Residence Address

David Schorr

  
 James H. Steenson, Jr.

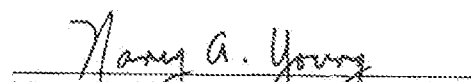
3810 Frodo Cove, Austin, TX 78739  
 Residence Address

125 Bunker Hill Road, New Boston, NH 03070  
 Residence Address

State of New Hampshire )  
 County of Hillsborough ) ss

On this 6 day of April, 2011, before me appeared ☐ Aaron Johnson, ☒ David Schorr, and ☐ James H. Steenson, Jr., known to me or providing satisfactory identification to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

My commission expires:  
 NANCY A. YOUNG  
 Notary Public - New Hampshire  
 My Commission Expires October 7, 2014

  
 Notary Public Justice of the Peace

# ASSIGNMENT

For good and valuable consideration acknowledged and received, Aaron Johnson, a citizen of the United States of America, residing at the address set forth below next to my name, David Schorr a citizen of the United States of America, residing at the address set forth below next to my name, and James H. Steenson, Jr., a citizen of the United States of America, residing at the address set forth below next to my name, do hereby sell and assign for ourselves and our heirs, successors, and assigns, to BAE SYSTEMS Information and Electronic Systems Integration Inc. (hereinafter referred to as the Company), a Delaware corporation, having a place of business at 65 Spit Brook Road, Nashua, New Hampshire 03061, its successors, assigns, and nominees, our entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the invention relating to improvements in

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invented by us and the application for United States Patent therefor, identified by Docket No. BAEP-1373-PCT of the Company, and executed on even date herewith, or if not so executed, was: (a) executed on \_\_\_\_\_ or; b) filed on 12/8/11 with Serial No. 13/377,084, and all divisions and continuations thereof, and all Patents which may be granted therefor and all reissues and extensions thereof together with all our rights in and to the said invention and any Patents that may hereafter be obtained therefor in any and all foreign countries including the right of priority under the International Convention based on the said application and the right of said Company to apply in its own name for Letters Patent therefor in any and all foreign countries, where legally permissible, and authorize and request the Commissioner of Patents and Trademarks to issue all United States Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that we have full right so to do, and agree that we will communicate to said Company or its representatives any facts known to us respecting said invention and testify in any legal proceeding, execute all divisional, continuing and reissue applications and all assignments of said invention, make all rightful oaths, sign all lawful papers, if and when required to do so, and generally do everything reasonably possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

Signed at AUSTIN TX this 21<sup>ST</sup> day of MARCH, 2011

\_\_\_\_\_  
Aaron Johnson

David Schorr  
David Schorr

7 Whitewood Lane, Merrimack, NH 03054  
Residence Address

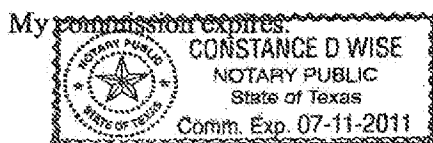
3810 Frodo Cove, Austin, TX 78739  
Residence Address

\_\_\_\_\_  
James H. Steenson, Jr.

125 Bunker Hill Road, New Boston, NH 03070  
Residence Address

State of TEXAS )  
County of TRAVIS ) ss

On this 21<sup>ST</sup> day of MARCH, 2011, before me appeared ☐ Aaron Johnson, ☒ David Schorr, and ☐ James H. Steenson, Jr., known to me or providing satisfactory identification to be the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



Constance D. Wise  
Notary Public/Justice of the Peace