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(Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

BAE SYSTEMS Integrated Defense Solutions Inc.

11-25-02

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

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

01/07/2002

Execution Date:

## 2. Name and address of receiving party(ies)

Name: BAE SYSTEMS Information and Electronic Systems Integration Inc.

Internal Address: Mail Stop NHQ01-719

Street Address: 65 Spit Brook Road

City: Nashua State: NH Zip: 03061

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

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/836,560; 09/907,148

B. Patent No.(s) 5,784,156

Additional numbers attached? ☐ Yes ☒ No

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

Name: D. Brit Nelson

Internal Address: Locke Liddell &amp; Sapp LLP

ATTN: IP DOCKET CLERK

Street Address: 3400 JPMorganChase Tower

600 Travis

City: Houston State: TX Zip: 77002-3095

## 6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 3.41).....\$ 120



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number:

12-1322

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## 9. Signature.

D. Brit Nelson

Name of Person Signing

Signature

11/19/02

Date

11/27/2002 DBYRNE 00000112 121322 09836560

Total number of pages including cover sheet, attachments, and documents: 6

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 13516 FRAME: 0636

**EXHIBIT 1****ASSIGNMENT OF U.S. PATENTS  
AND PATENT APPLICATIONS**

**ASSIGNMENT OF U.S. PATENTS AND PATENT APPLICATIONS** made as of ~~January~~ 30, 2002, by BAE SYSTEMS Integrated Defense Solutions Inc., a Delaware corporation with a principal place of business at 6500 Tracor Lane, Austin, Texas 78725 ("IDS").

**RECITALS**

**WHEREAS**, IDS is the owner of certain United States Patents (the "Patents") as identified on Schedule A attached hereto and certain Patent Applications (the "Applications") as identified on Schedule B attached hereto;

**WHEREAS**, pursuant to a Novation Agreement effective January 30, 2002, by and between IDS and BAE SYSTEMS Information and Electronic Systems Integration Inc., a Delaware corporation for its Information and Electronic Warfare Systems Business Unit ("IEWS"); and

**WHEREAS**, IEWS desires to obtain all of IDS' right, title, and interest in, to, and under said Patents and Applications.

**NOW, THEREFORE**, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by IDS:

1. IDS hereby conveys, assigns, transfers and delivers to BAE SYSTEMS IEWS its successors and assigns, all of its right, title and interest throughout the world in, to and under the Patents, and the underlying inventions described therein and any United States or foreign reissues, divisions, renewals, extensions, provisionals, continuations, and continuations-in-part thereof, and substitutes therefor, and all Letters and Patents of the United States which have been or may be granted thereon and all foreign counterparts thereof, together with the right to sue and recover damages for future or past infringements of the Patents and to fully and entirely stand in the place of IDS in all matters related thereto.

2. IDS hereby conveys, assigns, transfers and delivers to IEWS, its successors and assigns, all of its right, title, and interest throughout the world in and to all Applications, lab notes, prototypes, draft patent applications, any and all correspondence with the United States Patent and Trademark Office or any foreign patent office, nondisclosure agreements, invention agreements, and noncompete agreements to the extent such material relates to the Patents and/or

Assignment of U.S. Patents  
and Patent Applications  
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the Applications.

3. IDS hereby requests the Commissioner of Patents and Trademarks (the "Commissioner") to record this Assignment of Patents and Patent Applications to IEWS. IDS hereby further requests the Commissioner to issue any and all Letters and Patents of the United States resulting from applications among the patents or derived therefrom to IEWS as assignee of the entire interest. IDS hereby covenants that the Commissioner has full right to convey the entire interest herein assigned and that IDS has not executed, and will not execute, any agreements inconsistent herewith.

**IN WITNESS WHEREOF**, the undersigned has caused this Assignment of U.S. Patents and Patent Applications to be executed as of the day and year first written above.

BAE SYSTEMS Integrated Defense Solutions Inc.  
("IDS")

By: 

Robert H. Swanson

Printed Name

President

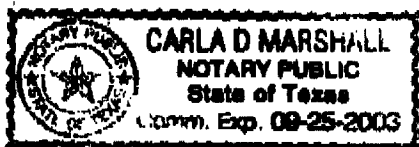
Title

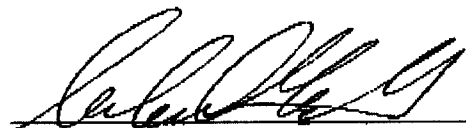
STATE OF TEXAS       )  
                                  )  
COUNTY OF TRAVIS    )

This instrument was executed before me on this 7th day of **January 2002**  
by a duly authorized officer of BAE SYSTEMS Integrated Defense Solutions Inc.

WITNESS my hand and official seal.

[SEAL]



  
Notary Public in and for the State of  
Texas

KP/misc/01-483

**PATENT**  
**REEL: 13516 FRAME: 0638**

Assignment of U.S. Patents  
and Patent Applications  
Page 3 of 3

**ACKNOWLEDGED AND ACCEPTED:**

BAE SYSTEMS Information and Electronic Systems Integration Inc.  
("IEWS")

By: 

KEVIN M. PERKINS  
Printed Name

SECRETARY/ VICE President  
Title

of its Information and Electronic Warfare Systems Business

KP/misc/01-483

**PATENT**  
**REEL: 13516 FRAME: 0639**

## **SCHEDULE A**

### **PATENTS**

Patent No. 5,784,156 -- Fiber Optic Guidance System for Laser Guided Missiles  
Granted: 21 July 1998

**SCHEDULE B****PATENT APPLICATIONS**

Serial No. 09/836, 560 -- Single Multiple Aperture [SMART] Lens System

Filed: 16 April 2001

Inventors: Les Richards and James Nicholson

Serial No. 09/907,148 -- Fiber Optic Laser Detect and Ranging System (Semi Active Laser [SAL] Seeker)

Filed: 17 July 2001

Inventor: Brad Sallee

Serial No. not yet assigned by USPTO -- Method and Apparatuses for Reconstructing Angle Information

Filed: 30 November 2001

Inventor: David Schorr

Serial No. not yet assigned by USPTO -- Digital Pulse Peak Detection Architecture and Algorithm

Filed: Date to be determined

Inventor: Bill Alexander

Serial No. not yet assigned by USPTO -- Logic Controlled High Voltage Resonant Switching Power Supply

Filed: Date to be determined

Inventor: Bill Alexander

KP/misc/01-483