

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
PATENT

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- New
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CONVEYANCE TYPE

- Assignment
  - License
  - Merger
  - Security Agreement
  - Change of Name
  - Other
- U.S. Government**  
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- Departmental File
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Mark if additional names of conveying parties attached

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Execution Date  
Month Day Year

Execution Date  
Month Day Year

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MAIL documents to be recorded with required cover sheet(s) information to:  
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**Correspondent Name and Address**

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Pages Enter the total number of pages of the attached conveyance document  
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Application Number(s) or Patent Number(s)  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number : #   
Authorization to charge additional fees: Yes  No

**Statement and Signature**

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. Charges to deposit account are authorized, as indicated herein.

Vernon C. Maine or Scott J. Asmus

Name of Person Signing

Reg 42, 269

Signature

8/15/01  
Date

## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is made and entered into as of the 27th day of November 2000, between Lockheed Martin Corporation, a Maryland corporation ("Assignor"), and BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. (formerly known as BAE SYSTEMS Sanders Inc.), a Delaware corporation ("Assignee").

### WITNESSETH:

WHEREAS, Assignor is the owner of the entire right, title and interest in and to all of the patents and patent applications set forth on Schedule A annexed hereto and made a part hereof and has the unrestricted right to sell, assign and transfer such patents and patent applications; and

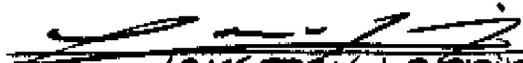
WHEREAS, pursuant to the terms of a Transaction Agreement, dated as of July 13, 2000, by and among Assignor, Assignee and BAE SYSTEMS North America Inc., a Delaware corporation, Assignor has agreed, among other things, to transfer to Assignee said patents and patent applications;

NOW, THEREFORE, in consideration of the sum of ten (\$10.00) dollars and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, its successors and permitted assigns, Assignor's entire right, title and interest in and to the patents and patent applications set forth on Schedule A hereto, including (without limitation) all divisions, reissues, substitutions, continuations and extensions thereof, all priority rights under the International Convention for the Protection of Industrial Property for every member country (and any other international convention or treaty), any and all Letters Patent and reissues and extensions of Letters Patent granted thereon and any and all rights corresponding to any of the foregoing throughout the world and any and all accounts, contract rights, warranties, litigation claims and rights, including the right to sue for and collect upon all claims for profits and damages as a result of past infringement, if any, and other general intangibles of Assignor related to any of the foregoing, in each case whether now existing or hereafter acquired or created, whether owned, leased or licensed beneficially or of record and whether owned, leased or licensed individually, jointly or otherwise, together with the products and proceeds thereof (including license royalties and the proceeds of infringement suits), all payments and other distributions with respect thereto and any divisions, reissues, substitutions, continuations and extensions of any and all of the foregoing (all of the foregoing herein collectively referred to as the "Patents").

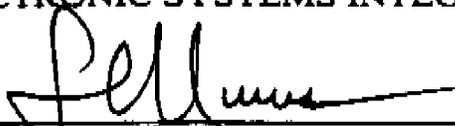
Assignor further agrees that it shall on the date hereof and from time to time thereafter, at the request of Assignee, perform or cause to be performed such acts and execute, acknowledge and deliver at the request of Assignee, such documents as may reasonably be required to evidence or effectuate the sale, conveyance, assignment, transfer and delivery to Assignee of the Patents or for the performance by Assignor of any of its obligations hereunder.

IN WITNESS WHEREOF, Assignor has executed this Patent Assignment as of the date written.

LOCKHEED MARTIN CORPORATION

By:   
Name: Waverly W. Lanning  
Title: Director, Business Ventures

BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

By:   
Name: Earl B. Murray  
Title: Vice President

DISTRICT OF COLUMBIA ss.:

On the 27<sup>th</sup> day of November, 2000, before me personally came Warren W. Lanning, to me known (or satisfactorily proven), who being by me duly sworn, did depose and say that he is the Director, Business Ventures of Lockheed Martin Corporation, the corporation described in, and which executed the foregoing instrument, and that he was fully authorized to execute this Patent Assignment on behalf of said corporation.

Lisa A. Young  
Notary Public  
My Comm. Expires \_\_\_\_\_

DISTRICT OF COLUMBIA ss.:

On the 27<sup>th</sup> day of November, 2000, before me personally came Frank D. Munns, to me known (or satisfactorily proven), who being by me duly sworn, did depose and say that he is the Vice President and Secretary of BAE SYSTEMS Information and Electronic Systems Integration Inc., the corporation described in, and which executed the foregoing instrument, and that he was fully authorized to execute this Patent Assignment on behalf of said corporation.

Lisa A. Young  
Notary Public  
My Comm. Expires \_\_\_\_\_

CaseNumber	Title	Invention Status	Country	Appl Status	File Date	Appl Number	Issue Date	Pat Number
SN-03718	MAGNETIC HEADING TRANSDUCER HAVING DUAL-AXIS MAGNETOMETER WITH ELECTROMAGNET MOUNTED TO PERMIT PIVOTAL VIBRATION THEREOF	Granted	US	Lapsed	28-Jun-1982	392,858	19-Mar-1985	4,506,221
SN-03721	REDUCED SIDE LOBE ANTENNA SYSTEM	Granted	US	Granted	19-Oct-1983	543,659	12-Nov-1985	4,553,146
SN-03723	STEERABLE PARAMETRIC ACOUSTIC ARRAY	Granted	US	Granted	15-Apr-1985	723,018	27-Oct-1987	4,703,462
SN-03724	Television Precision Target Shooting Apparatus and Method	Granted	US	Expired	16-Jun-1980	159,530	26-Jul-1983	4,395,045
SN-03726	LASER SOUND DETECTOR	Granted	US	Granted	09-Nov-1983	550,282	29-Dec-1992	5,175,713
SN-03730	HIGH NUMERICAL APERATURE KNIFE EDGE SYSTEM	Granted	US	Granted	22-Jun-1984	276,219	06-Sep-1983	4,402,602
SN-03731	APPARATUS FOR SYNCHRONIZATION OF A SOURCE OF COMPUTER CONTROLLED VIDEO TO ANOTHER VIDEO SOURCE	Granted	US	Granted	16-Jun-1980	159,546	24-Aug-1982	4,346,407
SN-03734	Fiber Optic Magnetic Sensors	Granted	US	Granted	18-Aug-1980	179,346	11-Jan-1983	4,368,430
SN-03735	Thermoacoustic Torpedo Jammer	Filed	US	Pending	28-Jun-1982	392,184		
SN-03736	Thermoacoustic Bi-Static Sonar System	Filed	US	Pending	28-Jun-1982	392,183		

Mondays, November 30, 2009