

<div>FORM PTO-1619A <small>Expires 06/30/99 OMB 0651-0027</small></div>	<div>U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office <b>PATENT</b></div>
<b>RECORDATION FORM COVER SHEET PATENTS ONLY</b>	
<b>TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).</b>	
<b>SUBMISSION TYPE</b> <div><input checked="" type="checkbox"/> New</div> <div><input type="checkbox"/> Resubmission (Non-Recordation) Document ID# <input style="width: 150px;" type="text"/></div> <div><input type="checkbox"/> Correction of PTO Error Reel # <input style="width: 50px;" type="text"/> Frame# <input style="width: 50px;" type="text"/></div> <div><input type="checkbox"/> Corrective Document Reel # <input style="width: 50px;" type="text"/> Frame# <input style="width: 50px;" type="text"/></div>	<b>CONVEYANCE TYPE</b> <div><input checked="" type="checkbox"/> Assignment</div> <div><input type="checkbox"/> License</div> <div><input type="checkbox"/> Merger</div> <div><input type="checkbox"/> Security Agreement</div> <div><input type="checkbox"/> Change of Name</div> <div><input type="checkbox"/> Other <input style="width: 100px;" type="text"/></div> <div>U.S. Government <small>(For Use ONLY by U.S. Government Agencies)</small></div> <div><input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File</div>
<b>Conveying Party(ies)</b> <input type="checkbox"/> Mark if additional names of conveying parties attached	
Name (line 1) <input style="width: 450px;" type="text" value="LOCKHEED MARTIN CORPORATION"/>	Execution Date <input style="width: 100px;" type="text" value="11 27 2000"/>
Name (line 2) <input style="width: 450px;" type="text" value="A Maryland, U.S., Corporation"/>	
Second Party Name (line 1) <input style="width: 450px;" type="text"/>	Execution Date <input style="width: 100px;" type="text"/>
Name (line 2) <input style="width: 450px;" type="text"/>	
<b>Receiving Party</b> <input type="checkbox"/> Mark if additional names of receiving party attached	
Name (line 1) <input style="width: 450px;" type="text" value="BAE SYSTEMS INFORMATION AND ELECTRONIC"/>	<input type="checkbox"/> if a document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)
Name (line 2) <input style="width: 450px;" type="text" value="SYSTEMS INTEGRATION INC. a Delaware, U.S. corp."/>	
Address (line 1) <input style="width: 450px;" type="text" value="65 Spit Brook Road"/>	
Address (line 2) <input style="width: 450px;" type="text"/>	
Address (line 3) <input style="display: inline-block; margin-right: 10px;" type="text" value="Nashua"/> <input style="display: inline-block; margin-right: 10px;" type="text" value="NH"/> <input style="width: 100px;" type="text" value="03060"/>	
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENT

## Correspondent Name and Address

Area Code and Telephone Number

603.885.2642

Name Vernon C. Maine or Scott J. Asmus

Address (line 1) BAE SYSTEMS

Address (line 2) Patent Department - NHQ1-719

Address (line 3) PO Box 868

Address (line 4) Nashua NH 03061-0868

Pages Enter the total number of pages of the attached conveyance document  
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# 3

## Application Number(s) or Patent Number(s)

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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)

08/389868

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  
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## Number of Properties

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# 1

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To the best of my knowledge and belief, the foregoing information is true and correct and any  
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indicated herein.

Vernon C. Maine or Scott J. Asmus

Name of Person Signing

Signature

Date

2 July 2001

## 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").

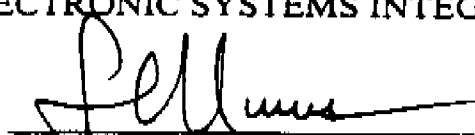
Assignor further agrees that it shall on the date hereof and from time to time thereafter, at the request of Assignee, perform or cause to be performed such acts and execute, acknowledge and deliver at the request of Assignee, such documents as may reasonably be required to evidence or effectuate the 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: Warren W. Lanning  
Title: Director, Business Ventures

BAE SYSTEMS INFORMATION AND  
ELECTRONIC SYSTEMS INTEGRATION INC.

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

CaseNumber	Title	Invention.Status	Country	Appl.Status	File Date	ApplNumber	Issue Date	PatNumber
SN-04248	FLAT PANEL LIGHT SOURCE							
	Closed		US	Abandoned	06-Jul-1992	07/909,252		
SN-04252	COLOR LIQUID CRYSTAL DISPLAY							
	Filed		US	Abandoned	25-Nov-1992	07/981,465		
	Filed		US	Pending	25-Nov-1992	981465		
SN-04254	METHOD FOR GROWING CRYSTALS							
	Granted		US	Granted	19-May-1994	245,774	18-Mar-1997	5,611,856
SN-04255	COMPUTER PROGRAM BUS AND METHOD							
	Open		US	Abandoned	04-Jun-1993	08/071,553		
SN-04256	DUAL MODE ENERGY DETECTOR HAVING MONOLITHIC INTEGRATED CIRCUIT CONSTRUCTION							
	Granted		US	Granted	15-Oct-1993	08/137,524	25-Jul-1995	5,436,453
SN-04257	MICROWAVE VISION FOR ROBOTS USING ARTIFICIAL NEURAL NETWORK PROCESSING							
	Closed							
SN-04266	Frequency Independent Slotted Turnstile Antenna (FIST)							
	Filed		US	Pending	01-Mar-1994	08/203,544		
SN-04269	Slow Wave Meanderline Antenna							
	Filed		US	Pending	17-Feb-1995	08/389,868		
SN-04270	PHOTOCONDUCTIVE SEMICONDUCTOR CONTROL DEVICE							
	Granted		US	Granted	09-May-1994	239,482	21-Jan-1997	5,596,209
SN-04272	CONTRAST REDUCTION FOR BRIGHTNESS CONTROL OF LIQUID CRYSTAL DISPLAYS							
	Closed							