FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	US DEPARTMENT OF COMMERCE Parent and Trademark Office PATENT			
RECORD.	ATION FORM COVER SHEET			
TO The Commission of Patents and Trademo	PATENTS ONLY			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). SUBMISSION TYPE CONVEYANCE TYPE				
	CONVEYANCE TYPE			
	Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error	Merger Other			
Reel # Frame#	U.S. Government (For Use ONLY by U.S. Government Agencies)			
Corrective Document Reel # Frame#	Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached			
Conveying a many (1907)	Execution Date			
Name (fine1) GUNN, Thomas V.	Month Day Year 01 02 2001			
Name (line 2) citizen of U.S.	Supportion Date			
Second Party	Fxecution Date Month Day Year			
Name (line 1) SCHMIDT, Michael P	2. 01 02 2001			
Name (line 2) citizen of U.S.				
Receiving Party	Mark if additional names of receiving party attached			
Name (line1) BAE SYSTEMS Information	as an assignment and the			
Name (line 2) Integration, Inc A Delaware	Corporation receiving party is not domiciled in the United States, an appointment			
Address (line 1) 65 Spit Brook Road	of a demestic representative is attached.			
Address (line 2)	(Designation must be a separate document from Assignment)			
Address (line 3) Nashua	NH 03061			
City Domestic Representative Name and Address	State/Country Zip Code Enter for the first Receiving Party only.			
Name	Miles for the first receiving a mayy.			
Address (line 1)				
Address (line 2)				
Address (line 3)				
Address (line 4)				
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Public burden reporting for this collection of information to estimated to average approximately 30 minutes per Cover Sheet to be recorded, soleuding time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, DC 2021 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Ppaerwork Reduction Project (0651-8027), Washington, S.C. 20503. See OMD Information Collection Budget Package 0651-0027. Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

MAIL documents to be recorded with required cover sheet(s) information to:

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PATENT REEL: 011891 FRAME: 0881

PAGE 2

		
FORM PTO-1619B Expires 06/10/99 OMB 0651-0027	Page 2	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office PATENT
Correspondent Nam	e and Address Area Code and Telephone Number	603.885.2642
Name	Scott J. Asmus D-4401	
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	
_	the total number of pages of the attached conveyance document	# 2
Incl	uding any attachments.	#
Application Number(s	or Patent Number(s) Mark if a	dditional numbers attached
Enter either the Patent A	Application Number or the Patent Number (DO NOT ENTER BOTH number	ers for the same property).
Patent	Application Number(s) Patent Number(s	;)
09/621145		
If this document is being filed	together with a new Patent Application, enter the date the patent application was	
signed by the first named exec		IVIIIIII DAY 1 CAS
Patent Cooperation Tr	reaty (PCT)	
Enter PCT applie		PCT
only if a U.S. Ap has not been assi	oplication Number	PCT
	gred	
Number of Properties	Enter the total number of properties involved	#1
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41):	s 40
Method of Payment	Enclosed Deposit Account	
Deposit Account (Enter for payment by d	cposit account or if additional fees can be charged to the account.)	
(=	Deposit Account Number:	# 190130
	Authorization to charge additional fees:	Yes ⊠ No 📑
Statement and Signatu	re	
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 here	in. 0 1	,
Scott J. Asmus	Scott 1 Com	- 8/24/61
Name of Person S	Signing Signature	*Date

ENT BY: MAINE & ASMUS; 603 886 4796; AUG-24-01 12:24PM; PAGE 4/6

FORM PTO-1619C REC	ORDATION FORM COVER SHEET Continuation PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office PATENT
Conveying Party(ies)	Mark if additional names of conveying partie	es attached
Enter additional Conveying Part		Execution Date
Name (line1) HICKS, Ric	hmond F.	Month Day Year 07 25 2001
Name (line 2) citizen of U.	S.	Execution Date
Name (line 1)		Month Day Year
Name (line 2)		—
Name (line I)		Execution Date Month Day Year
Name (line 2)		
Receiving Party	Mark if additional names of rec	cciving party attached
Enter additional Receiving Party(ies)		
Name (line!)		if a document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United States, an appointment
Address (line 1)		of a domestic representative is attached (Designation must be a separate
Address (line 2)		(Designation must be a separate document from Assignment)
Address (line 3)		
City	State/Country Zip Code	
Name (line1)		if a document to be recorded
Name (line 2)		is an assignment and the receiving party is not domiciled in the United States.
Address (line 1)		an appointment of a domestic representative is attached.
Address (line 2)		(Designation must be a separate document from Assignment)
Address (line 3)		
City	State/Country Zip Code	
Application Number(s) or Patent Num	ber(s) Mark if additio	nal numbers attached
Enter either the Patent Application Numbe	er or the Patent Number (DO NOT ENTER BOTH numbers for	r the same property).
Patent Application Numb	per(s) Patent Number(s)	

PATENT REEL: 011891 FRAME: 0883

My commission expires:

D-4401

ASSIGNMENT

For value received, we, Thomas V. Gunn, Michael P. Schmidt, Wesley H. Halstead and Richmond R. Hicks residing at the addresses indicated below next to our respective names, being citizens of the United States of America, 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, NH 03061, its successors, assigns, and nominees, my entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the patent applications listed below and in and to all inventions and improvements invented by us and identified therein:

Company	Title	Serial No.	Filed
Docket			
D-4401	TRIMODAL MICROLENS	09/621,145	7/21/2000
D-4401	TRIMODAL MICROLENS	60/145,548	7/23/1999

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 me 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.

transminant to payment man attracted by other benefits benefits to a payment attraction and	
Signed at Washua, NH. this 2 may of Jan, 2001	I Romer Hunn
Residence: 174 South Road, Candia, NH 03034-2433	Thomas V. Gunn
State of New Hampshire)	
County of Hillsborough)	
On this aday of January, 2001 before me app	eared Thomas V. Gunn to me known
and known to me to be the person described in and who executed the foregoing ins same to be his free act and deed.	
	a ,
	1. Congran
Notary Public Signed at No shua, NH. this 2nd day of 1au, 2001	SANDRA M. CARIGNAN, Notary Public My Commission Expires May 28, 2002
Residence: 121 N. Pepperell Road, Hollis, NH 03049-6433	Michael P. Schmidt
State of New Hampshire)	
) ss	
County of Hillsborough) On this Ond day of TANDEY, 2001 before me app	cared Michael P. Schmidt to me
known and known to me to be the person described in and who executed the forego	
the same to be his free act and deed.	

Notary Public

PATENT REEL: 011891 FRAME: 0884

ndia M. Cariga

SANDRA M. CARIGNAN, Notary Public My Commission Expires May 28, 2002

D-4401 Page 2		
Signed at,, this	day of, 2001	
Residence:	<u></u>	Wesley H. Halstead
State of)		
County of) ss		
and known to me to be the person described in a same to be his free act and deed.		ared Wesley H. Halstead to me know strument, and he acknowledged the
My commission expires:	Notary Public	
Signed at 10:00, Phythis 75	day of	B- 20-
Residence: 7 Lande Streat		Richmond F. Hicks
State of New Hampshire)		
State of New Yearngehire) State of New Yearngehire State of New Year		

known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged

Notary Public

603 886 4796; AUG-24-01 12:25PM;

____ day of ______, 2001 before me appeared Richmond F. Hicks to me

PAGE 6/6

BY: MAINE & ASMUS;

the same to be his free act and deed.

RECORDED: 08/24/2001

My commission expires: