Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ♥ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies):		2. Name and address	of receiving party(ies)	
UPPAL, Parvez N.		Name: BAE SYST	EMS Information and Electronic	
		Internal Address:	Systems Integration Inc.  a Delaware Corporation	
Additional name(s) of conveying party(ies)	attached? 🖳 Yes 🌇 No			
Nature of conveyance:				
🍱 Assignment	🔤 Merger	Ct+t Address.	zao sin il ni il	
🚅 Security Agreement	☐ Change of Name	Street Address: _65 Spit Brook Road		
🖫 Other				
		City: Nashua	State: NH Zip: 03061	
Execution Date: 04/17/2003		Additional name(s) & ac	ddress(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) 10/418,230		B. Patent No.(s)		
Additional numbers attached? СВ No				
Name and address of party to vicencerning document should be	vhom correspondence		fications and patents involved:	
Name: Noil F. Maloncy		7. Total fee (37 CFR 3	.41)\$ <u>40.00</u>	
Internal Address: MAINE & AS		Enclosed		
		Authorized to b	e charged to deposit account	
		8. Deposit account nu	mber:	
Street Address: <u>100 Main Street</u>	Suite 2			
P O Box 3445		190130	1.1	
City: Nashua State: NH	Zip:_03061	(Attach duplicate copy of	fthis page if paying by deposit account)	
DO NOT USE THIS SPACE				
9. Statement and signature.				
To the best of my knowledge an is a true copy of the original doc		hiprmation is the aid c	orrect and any attached copy	
Neil F. Maloncy Rcg. No. 42,833	<i>''</i>	14 1/ h.h.	05/07/2003	
Name of Person Signing		Signature	Date	
Total nu	mber of pages including cove	r sheet, attachments, and de	cuments: [3]	

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

D4646

## ASSIGNMENT

For good and valuable consideration acknowledged and received, Parvez N. Uppal, 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 myself and my 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

## GaAs Substrate with Sb Buffering for High In Devices

invented by us and the application for United States Patent therefor, identified by Docket No. D4646 of the Company, and executed on even date herewith, 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, <u>N.H.</u> this	day ofApril, 2003
	Elsies Way, Laurel, MD 20723 ence Address
State of New Hampshire) County of Hillsborough) ss	
	e me appeared Parvez N. Uppal, known to me or providing and who executed the foregoing instrument, and he/she
My commission expires:	Notary Public/Justice of the Peace

PATENT REEL: 13633 PRAME 0015 40