FORM PTO-1619A Expires 06/30/99 C·MB 0651-0027

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Name (line 1)	Arlo J. Aude						Month         Day         Year           09         25         2000
Name (line 2)		-					
Second Party Name (line 1)	Laurene? D. Lewicki						Execution Date Month Day Year  09 25 2000
Name (line 2)		<u></u>					
Receiving Pa	arty		Mar	k if add	ditional names	of receivin	g parties attached
Name (line 1)	National Semiconductor Corporation						If document to be recorded is an assignment and the receiving party is not
Name (line 2)	domiciled in the United						
Address (line 1)	representative is attached.						
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Address (line 3)	Santa Clara City		lifornia State/Country			p Code	
Domestic Re	epresentative Name and Ac	dres	SS Enter for	the fir	st Receiving Pa	arty only.	
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**PATENT** 

**REEL: 011131 FRAME: 0175** 

FORM PTO-161 Expires 06/30/99 OMB 0651-0027	9B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent	Name and Address	Area Code and Telephone Number	972-680-4523
Name Jo	bn L. Maxm		
Address (line 1)	ational Semiconductor Corporation		
Address (line 2) 8()	1 East Campbell Road, Suite 52	25	
Address (line 3) Rig	chardson, TX 75080		
Address (line 4)			
	er the total number of page cluding any attachments.	es of the attached conveyance docum	nent # 2
09569954	Application Number(s)	Patent  Patent  Patent  Application, enter the date the patent application	Number(s)
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Fee Amount  Method of Pa Deposit Acc (Enter for paym	ayment: Enclos ount ent by deposit account or if addition De	r Properties Listed (37 CFR 3.41): \$  sed Deposit Account  onal fees can be charged to the account.) posit Account Number: #  athorization to charge additional fees:	

## 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.

William A. Munck, Reg. No. 39,308

Name of Person Signing

Signature

PATENT REEL: 011131 FRAME: 0176 PTO/SB/15 (8-96)
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## **ASSIGNMENT OF APPLICATION**

Docket Number (Optional) P04744

Whereas, I,	Arlo J. Aude	of	Atlanta, Georgia	, hereafter
referred to as ap		in new and us	seful improvements in	
for which	n an application for a United on Number09_/569.95	States Patent	was filed on12 May 2000	
for which	n an application for a United	States Paten	t was executed on	, and
Whereas, Natio	onal Semiconductor Corporation	on_of	Santa Clara, California 95051	herein referred to
"assignee" whose	e post office address is		2900 Semiconductor Drive	is de-
sirous of acquirir	ng the entire right, title and ir	nterest in the	same;	
Now, therefore, in	n consideration of the sum c	of <u>two</u>	dollars (\$2.00), the rece	ipt whereof is ac-
knowledged, and	d other good and valuable co	onsideration,	l, the applicant, by these presen	its do sell, assign
and transfer unto	said assignee the full and e	xclusive right	to the said invention in the Unit	ed States and the
entire right, title a	and interest in and to any and	all Patents w	hich may be granted therefor in	the United States,
I hereby authoriz	re and request the Commiss	sioner of Pate	ents and Trademarks to issue s	aid United States
Patent to said as	signee, of the entire right, tit	le, and intere	st in and to the same, for his sole	e use and behoof;
and for the use a	nd behoof of his legal repres	sentatives, to	the full end of the term for which	n said Patent may
be granted, as fu	illy and entirely as the same	would have b	een held by me had this assigni	ment and sale not
been made.			1 1	
Executed this	25	day of	eftember ,200	O <b>₫</b> ,
	O: 25 AM			
W	<b>y</b> -		Cily Cindo	
	<b>A</b> , ss:		(Signature)	<del></del>
State of			Arlo J. Auge	
Before me per	sonally appeared saidged the foregoing instrument	to be his free	act and deed this	
and acknowled	7, 200 <u>C</u>			
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PTO/SB/15 (8-96)
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ASSIGN	MENT	OF ADDI	ICATION
ASSIGN	MENI	UF APPL	JCAHON

Docket Number (Optional) P04744

Whereas, I. Laurence D. Lewicki of Sunnyvale, California hereafter referred to as applicant, have invented certain new and useful improvements in Three-State Binary Adders and Methods of Operating the Same    May 2000   Application Number   09   569,954	Whoreas I Jaurence D. Lewicki C.
Three-State Binary Adders and Methods of Operating the Same    Image: Court of the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.    State of Carron of Carron of Patents and Trademarks to issue said Patent may be granted the personally appeared said and adventing on State Clara. (Signature)    State of Carron of Patents and Trademarks to issue said Patent may be granted the remarks to issue said Patent may be granted the personally appeared said and adventing on street on the same would have been held by me had this assignment and sale not been made.    State of Carron of Patents and Trademarks to issue said undersored the same would have been held by me had this assignment and sale not been made.    State of Carron of Patents and Trademarks to issue said patent may be granted the personally appeared said and adversored the free patents and to the same. For his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.    State of Carron of Patents and Trademarks to issue said United States and the same of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.    State of Carron of Patents and Trademarks to issue said United States and the same of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.    State of Carron of Patents and Trademarks to issue said United States and States a	
Application Number	Three-State Ringry Adders and Methods of Operating the Same
Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;  Now, therefore, in consideration of the sum of two dollars (\$ 2.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this day of Schemiconductor or o	Three-bate Bhary Adders and Methods of Operating the Same
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Seal  Now, therefore, in consideration of the sum oftwodollars (\$2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this	Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to
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Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this	entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,
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be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  Executed this	Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;
Executed this	and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may
State of Cartonia SS:  County of State of Cartonia Signature)  Before me personally appeared said and acknowledged the foregoing instrument to be his free act and deed this day of September, 2000.  Seal (Notary Public)	be granted, as fully and entirely as the same would have been held by me had this assignment and sale not
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**PATENT** 

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