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Name (line 1)	<input type="text" value="Arlo J. Aude"/>	Execution Date	Month	Day	Year
			09	25	2000
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<b>Second Party</b>					
Name (line 1)	<input type="text" value="Laurence D. Lewicki"/>	Execution Date	Month	Day	Year
			09	25	2000
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Name (line 1)	<input type="text" value="National Semiconductor Corporation"/>			<input type="checkbox"/> If 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 type="text"/>			
Address (line 1)	<input type="text" value="2900 Semiconductor Drive"/>			
Address (line 2)	<input type="text"/>			
Address (line 3)	<input type="text" value="Santa Clara"/>	<input type="text" value="California"/>	<input type="text" value="95051"/>	
	City	State/Country	Zip Code	

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10/03/2000 MBERHE 00000009 140448 09569954  
02 FC:581 40.00 CH

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Area Code and Telephone Number

972-680-4523

Name John L. Maxin

Address (line 1) National Semiconductor Corporation

Address (line 2) 801 East Campbell Road, Suite 525

Address (line 3) Richardson, TX 75080

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# 2

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Patent Application Number(s)

Patent Number(s)

09569954

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

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

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PCT  PCT  PCT

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# 1

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

Name of Person Signing

*William A. Muncie*  
Signature

Sept. 26, 2000  
Date

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**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
P04744

Whereas, I, Arlo J. Aude of Atlanta, Georgia, hereafter referred to as applicant, have invented certain new and useful improvements in Three-State Binary Adders and Methods of Operating the Same

for which an application for a United States Patent was filed on 12 May 2000,  
Application Number 09 /569.954.

for which an application for a United States Patent was executed on \_\_\_\_\_, and

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.

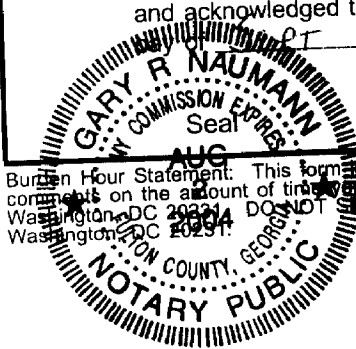
Executed this 25 day of September, 2000,  
at 10:25 AM

Arlo Aude  
(Signature)

State of GA ) SS:  
County of Fulton )

Before me personally appeared said Arlo J. Aude  
and acknowledged the foregoing instrument to be his free act and deed this 25th  
01, 2000.

[Signature]  
(Notary Public)



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### ASSIGNMENT OF APPLICATION

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

for which an application for a United States Patent was filed on 12 May 2000,  
Application Number 09 /569,954

for which an application for a United States Patent was executed on \_\_\_\_\_, and

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 7th day of September, 2000.

at National Semiconductor Corporation

Laurence D. Lewicki  
(Signature)

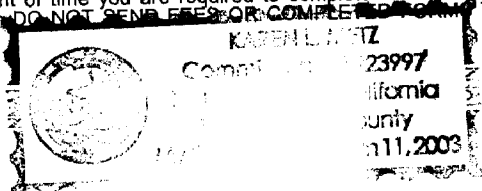
State of California ) SS:  
County of Santa Clara )

Before me personally appeared said Laurence D. Lewicki  
and acknowledged the foregoing instrument to be his free act and deed this 7th  
day of September, 2000.

Karen J. Metz  
(Notary Public)

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