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To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.				
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Additional name(s) of conveying party(ies) attached?				
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		4		
Execution Date: January 13, 2000				
4. Application number(s) or patent n	. ,			
If this document is being filed togeth	er with a new application	on, the execution date of the application is	s: January 13, 2000	
	A. Patent Application No.(s) 09/482,513		B. Patent No.(s)	
A	dditional numbers attac	hed? I Yes I No		
	5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and registration involved: 1	
SUGHRUE, MION, ZINN, MACPE	SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC		7. Total Fee (37 CFR 3.41): \$40.00	
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9. Statement and Signature. To the best of my knowledge and bel original document.	ief, the foregoing inform	nation is true and correct and any attache		
J. Frank Osha	M J. Frank Osha Reg. No. 2		April 3, 2000 24, 625 Date	
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PATENT REEL: 010828 FRAME: 0121

Assignment

Whereas, I/We, Masahiro NOMURA Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in BIDIRECTIONAL BUS-REPEATER CONTROLLER

and executed an application for Letters Patent of the United States of America therefor on January 13,2000 *** ; and

Whereas. NEC Corporation, of 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number <u>09/482,513</u>, filed <u>January 14</u>, 2000) the filing date and application number of said application when known.

A 16 1

Date: January 13, 2000	<u>Masshiro homura</u> Masahiro NOMURA
Date:x Witness	s/
Date:	s Frinitako Watanabe
Date:	s Aconneta
Date:	s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92

PATENT REEL: 010828 FRAME: 0122

RECORDED: 04/03/2000

of