	Q70179	
Form PTO-1595 (modified) F (Rev. 03/01)	Q70179 ET U.S. DEPARTMENT OF COMMERCE	
OMB No. 0651-0027	108777 U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Traden	108777 —arks: Please record the anached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Naoki KUWAJIMA	NEC CORPORATION	
	7-1, Shiba 5-chome	
	Minato-ku, Tokyo, Japan	
25/24/21	1 2	
01/5/100	960	
	Sr 💻	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance:	 	
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name		
☐ Other		
	_	
Execution Date: May 14, 2002	Additional name(s) & address(es) attached? ☐ Yes ☑ No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applic	ation, the execution date of the application is: May 14, 2002	
A. Patent Application No.(s)	B. Patent No.(s)	
11-3/48	`´	
Additional numbers	attached? ☐ Yes ☑ No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:	1	
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00	
2100 Pennsylvania Avenue, N.W.	☑ Enclosed. Please charge any underpayment in connection	
Suite 800	with this Assignment to Deposit Account No. 19-4880.	
Washington, D.C. 20037-3213	☐ Authorized to be charged to deposit account	
	8. Deposit account number:	
	19-4880	
DO NOT	(Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE	
9. Statement and signature.	USE THIS SPACE	
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To the best of my knowledge and belief, the foregoing info original document.	ormation is true and correct and any attached copy is a true copy of the	
X Oal	May 24, 2002	
J. Frank Osha Reg. No.		
	cover sheet, attachments, and documents: 2	
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks		
Box Assignment		
	ngton, D.C. 20231	

05/31/2002 ANNED1 00000107 10153648 01 FC:581

Assignment

hereinafter called assignor(s), have invented certain improvements in FREQUENCY SYNCHRONOUS APPARATUS AND FREQUENCY SYNCHRONOUS CONTROL METHOD and executed an application for Letters Patent of the United States of America therefor on May 14, 2002 ; and Whereas, NEC Corporation 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 assigns(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 Director – U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	Whereas, I/We, Naoki P	AMILAWUY	of
Whereas, NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan	FREQUENCY SYNCHRONOUS A	APPARATUS AND	
(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 Director – U.S. Patent and Trademark Office 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number filed the filing date and application number of said application when known. Date: May 14, 2002 Nachi Muwajima Naoki Kuwajima			
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WITNESS; s/	s/	Naoki KUWAJIMA	
	Date:		
Date: May 14, 2002	WITNESS; s/		
- Charles Charles	Date: May 14, 2002	esi Ogena	
Date: May 14, 2002		air Sunda	

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

RECORDED: 05/24/2002

PATENT REEL: 012934 FRAME: 0324