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1. Name of conveying party(ies):

Jun KAWAHARA and Yoshihiro HAYASHI

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

(X) Assignment

[] Merger

[] Security Agreement

[] Change of Name

[]Other

Name:

NEC CORPORATION

Street Address: 7-1, Shiba 5-chome Minato-ku Tokyo, Japan

572632



Execution Dates: March 8, 2000

4. Application number(s) or patent (numbers):

If this document is being filed together with a new application, the execution dates of the applications are: March 8, 2000

applications are: March 6, 20

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202 6. Total number of applications and patents involved:

1

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245/23/2000 KHARLING

REEL: 010812 FRAME: 0501

ASSIGNMENT

	WHEREAS, Jun KAWAHARA and Yoshibiro HAYASHI		
_	c/o NEC CORPORATION, 7-1, Shiba 5-chome,		
_	Minato-ku, Tokyo, Japan		
}	na_Ve_ invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND		
•	METHOD FOR MANUFACTURING SAME		
1	for which application for Letters (I/we have made—or am/are about to make)		
]	Patent of the United States of America;		
	AND WHEREAS,NEC_CORPORATION,		
	7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan		
,	desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the		
	United States;		
	NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of		
	Ten Dollars (\$_10.00)		
	to <u>us</u> in hand paid, the receipt of which is hereby acknowledged		
	have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said		
	ASSIGNEE, NEC CORPORATION		
	the full and exclusive right, title, and interest in and to the said invention,		
	as fully set forth and described in the:		
Delete	(a) specification prepared and executed by us on the 8th day of March 2000,		
nappli wordin	cable		
	preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be		
	held and enjoyed by the saidASSIGNEE, NEC CORPORATION		
	fortheir own use and behoof, and fortheir legal representatives, to the full end of the term		
	for which said Letters Patent are granted, as fully and entirely as the same would have been held by		
	us had this assignment and sale not been made.		
	IN TESTIMONY WHEREOF,we_ hereunto set _our_ hands and affix our_ seals_ at		
	Tokyo, Japan this 8th day of March , A.D. 2000		
Wit	nesses: Dunitake Watanake (Inventor's full Signature) Jun KAWAHARA		
	Alexanus -		
	hoshihiro HAXASHI		

RECORDED: 05/17/2000

PATENT REEL: 010812 FRAME: 0502

[•] State whether the full and exclusive right, or what part of the whole interest is assigned.