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12-23-1998 FORM PTO-1595 1-31-92

HEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Name of Person Signing

72 - 2 - 98	
To the Honorable Commissioner of Pa	riease record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Koji URABE	Name: NEC CORPORATION
	Internal Address:
Additional games(s) of conveying partition) amaginated 7	
Additional name(s) of conveying party(ies) attached?   Yes No	
3. Nature of conveyance:	
	Street Address: 7-1, Shiba 5-chome, Minato-ku
☐ Security Agreement ☐ Change of Name	
☐ Other	JAPAN City: Tokyo State ZIPX
Execution Date: December 1, 1998	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 application, the	ne execution date of the application is:December 1, 1998
A. Patent Application No.(s)	B. Patent No.(s)
	b. 1 aten 140.(3)
19/203816	
Additional numbers atta	l ached? ☐ Yes ፟፟፟⊠ No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:  Name:Norman P. Soloway	
Internal Address:	7. Total fee (37 CFR 3.41):\$ 40.00
	☑ Enclosed
	Authorized to be charged to deposit account
Street Address:	
HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE	8. Deposit account number
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9. Statement and signature.	2
To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy
- Ja	12 /2 \$ ==
Norman P. Soloway	December 2, 1998

## ASSIGNMENT

## FOREIGN - IN THE UNITED STATES OF AMERICA

	I/we	Koji	URABE					
of	Tokyo,	JAPAN						
havin	g invented	certain inv	entions and	l improver	nents in <u>A</u>	PPARATU	S AND ME	THOD FOR
MANU	JFACTUR	ING SEMI	CONDUCTO	R DEVI	CE			
and h	aving exec	uted an app	olication fo	r Letters P	atent of the	United St	tates of Ame	erica describing
the sa	me and ba	sed thereon	on Dece	mber 1	, 1998			_; (and I/we
hereb	y authoriz	e our attorn	eys, author	ized to pro	secute said	application	on, to here i	asert the filing
date a	und serial i	number of s	aid applica	tion, when	known, Se	rial No		, filed
			, for good a	ınd valuab	le consider	ation, the	receipt of w	hich is hereby
ackno	wledged i	rom NEC (	CORPORA	ATION, a	Japanese c	orporation	having its p	principal place
of bu	siness at 7	'-1, Shiba 5	-chome, M	inato-Ku,	Tokyo, Jap	an, (herein	nafter called	the Assignee),
do he	reby sell,	assign and t	ransfer unt	o the Assi	gnee, its su	ccessors, a	ınd assigns ı	ny/our entire
ri <b>ght,</b>	title, and	interest, in a	and to said	invention	in the Unite	ed States o	of America,	including all
rights	, title and	interest in t	he above-n	nentioned	application	and any d	ivisional, co	ntinuing or
reissu	ie applicat	ion or appli	cations and	any pater	it which ma	ay be issue	d on the sai	d invention in
the U	nited state	s of Americ	ea;					

And for the same consideration I/we do agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I/we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

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PATENT **REEL: 9651 FRAME: 0090** 

7-33-060

IN WITNESS WHEREOF, I/we hereunto set our hands and seals on the day and year hereinafter noted.

Sole of first	1 (3)					
Inventor's signature Hoji Will	Date December 1, 1998					
Full name (typed or printed) Koji URABE						
Witness: Acoflus ano	Witness Tean Mut					
Date: December 1, 1998	Date: December 1, 1998					
Second Inventor's						
signature	Date					
Full name (typed or printed)						
	Witness:					
Date:						
Third Inventor's						
signature	Date					
Full name (typed or printed)						
	Witness:					
Date:	Date:					
Fourth Inventor's						
signature	Date					
Full name (typed or printed)						
Witness:						
Date:	Date:					

2

**RECORDED: 12/02/1998** 

PATENT REEL: 9651 FRAME: 0091