Docket No.: NEC 19851 U.S. DEPARTMENT OF COMMERCE FORM FTO-1595 (Modified) 03-27-2002 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → → 102033709 attached original documents or copy thereof. To the Honorable Commissioner of Pate 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Sota SHINOHARA Name: NEC CORPORATION Koichi TAKEMURA Yasuhiro TSUJITA Address: 7-1, Shiba 5-chome, Minato-ku **Hidemitsu MORI** 🔲 Yes 🔀 No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger ■ Assignment City: Tokyo _____ State/Prov.: ☐ Security Agreement ☐ Change of Name Country: JAPAN ZIP: ☐ Other Execution Date: March 18, 2002 ☐ Yes Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: March 18, 2002 B. Patent No.(s) Filing date Patent Application No. 2103 EMPLICS | 00000040 TO 04050a ☐ Yes 🏿 No Additional numbers 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: ____ Norman P. Soloway 7. Total fee (37 CFR 3.41):....\$ 40.00 24,315 Registration No. ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: HAYES SOLOWAY P.C. ☐ Authorized to be charged to deposit account 130 W. Cushing Street 8. Deposit account number: 08-1391 City: Tucson _ State/Prov.: Arizona (Attach duplicate copy of this page if paying by deposit account) ZIP: 85701 Country: USA___ DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and sorrect and any attached copy is a true copy of the original document. March 18, 2002 Norman P. Soloway Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and 2

01-75486

<u>ASSIGNMENT</u>

FOREIGN - IN THE UNITED STATES OF AMERICA

Ţ	[/we _	Sota SHINOHARA, Koichi TAKEMURA, Yasuhiro TSUJITA
		and Hidemitsu MORI
of		Tokyo, JAPAN
having i	invent	ed certain inventions and improvements in SEMICONDUCTOR MEMORY AND
		FOR FABRICATING THE SAME
and hav	ing ex	recuted an application for Letters Patent of the United States of America describing
the same	e and	based thereon on March 18, 2002 ; (and I/we
hereby a	author	rize our attorneys, authorized to prosecute said application, to here insert the filing
date and	i seria	I number of said application, when known, Serial No, filed
), for good and valuable consideration, the receipt of which is hereby
acknow	l e dge	d from NEC CORPORATION, a Japanese corporation having its principal place
of busin	iess a	t 7-1, Shiba 5-chome, Minato-Ku, Tokyo, Japan, (hereinafter called the Assignee),
do herel	by sel	l, assign and transfer unto the Assignee, its successors, and assigns my/our entire
right, tit	tle, an	d interest, in and to said invention in the United States of America, including all
rights, t	itle ar	d interest in the above-mentioned application and any divisional, continuing or
reissue a	applic	ation or applications and any patent which may be issued on the said invention in
the Unit	ted sta	ites of America;

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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01-05495

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

Sole or first	(All and a second	
Inventor's signature foth -fhinche	ra 💖	Date March 18, 200
Full name (typed or printed) Sota SHINOH	ARA	
Witness: ditashi Clai	Witness:	Test must 20
Date: March 18, 2002	Date:	March 18, 2002
Second Inventor's signature Kocchi Takemara	<u>.</u>	Date
Full name (typed or printed) Koichi TAKEM	URA	
Witness: Stasli Clkeni	Witness	The must on
Date: March 18, 2002	Date:	March 18, 2002
Third Inventor's	æ	
signature Jasuhiro Tsujita		Date March 18, 2002
Full name (typed or printed) Yasuhiro TSU	JITA	
Witness: Ottobe Clkai	Witness	1 timento
Date: March 18, 2002	Date:	March 18, 2002
Fourth Inventor's signature <u>Willimitsu</u> Mori		Date March 18, 2002
Full name (typed or printed) Hidemitsu MC		
Witness: Diteshi Clken	Witness:	Themos
Date: March 18, 2002	_ Date:	March 18, 2002

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PATENT REEL: 012710 FRAME: 0381

RECORDED: 03/18/2002