02-07-2005 Atty Docket No.: 264916US2/bri

FORM PTO-1595 06-04

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Yoshihiro MINAMI

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Yes No

3. Nature of Conveyance:

Assignment

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Execution Date: January 17, 2005

2. Name and address of receiving party(ies):

KABUSHIKI KAISHA TOSHIBA Name: Address: 1-1, Shibaura 1-chome, Minato-ku,

Tokyo 105-8001, Japan

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

This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

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Yes No

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Marvin J. Spivak

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**PATENT** REEL: 016224 FRAME: 0415

## **Assignment of Application**

Page 1 of 2

	WHEREAS, I (WE)	Yoshihiro MINAMI of c/o Intellectual Property Division, Toshiba Corporation,		
ERT NAMES D RESIDENCE				
DRESS OF EINVENTORS:				
		, respectively,		
SERT TTILE INVENTION:	have invented certain n	ew and useful improvements in: <u>SEMICONDUCTOR MEMORY DEVICE AND METHOD</u>		
	OF FABRICATING THE SAME			
ERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on			
	(Application No.	, filed), and		
ERT NAME D ADDRESS OF MPANY OR	WHEREAS, KABUSHIKI KAISHA TOSHIBA			
HER ASSIGNEE	(hereinafter referred to as "ASSIGNEE") having a place of business at:			
	1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN			
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that			
	may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	January 17, 2005	Yoshihiro Mivaeni		
		(Signature of Inventor)	Yoshihiro MINAMI	
Date:				
		(Signature of Inventor)		
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		(Signature of Inventor)		
Date:				
		(Signature of Inventor)		

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