PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoshiaki FUKUZUMI	12/15/2009
Ryota KATSUMATA	12/29/2009
Masaru KITO	12/15/2009
Masaru KIDOH	12/21/2009
Hiroyasu TANAKA	12/21/2009
Tomoko FUJIWARA	12/15/2009
Megumi ISHIDUKI	12/21/2009
Yosuke KOMORI	12/24/2009
Yoshimasa MIKAJIRI	12/21/2009
Shigeto OOTA	12/21/2009
Ryouhei KIRISAWA	12/15/2009
Hideaki AOCHI	12/16/2009

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12694677

CORRESPONDENCE DATA

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REEL: 023858 FRAME: 0757 501077744

PATENT

Correspondent Name: Oblon, Spivak, et al.

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NAME OF SUBMITTER: Beatriz Sanchez

Total Attachments: 2

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PATENT REEL: 023858 FRAME: 0758

Assignment of Application

WHEREAS, I (WE) Yoshiaki FUKUZU	MI, Ryota KATSUMATA, Masaru KITO, N	Aasaru KIDOH, Hiroyasu
	FUJIWARA, Megumi ISHIDUKI, Yosuke	
Shigeto OOTA, Ryo	uhei KIRISAWA, and Hideaki AOCHI all o	f: c/o Intellectual Property
	orporation, 1-1, Shibaura 1-chome, Minato-k	
		, respectively
have invented certain new and useful im	provements in: <u>NONVOLATILE SEMICO</u>	NDUCTOR MEMORY DEVICE
mave invented certain new and userar in		
(A 11 A 27	filed), and
(Application No.	, filed	
WHEREAS, KABUSHIKI KAISI	HA TOSHIBA	
Changing Associated to as "A SSICNIEE"	") having a place of business at: 1-1, Shibaur	s 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.

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:	Dec. 15, 2009	Modica	Li Felenge	
		(Signature of Inventor)	Yoshiaki FUKUZUMI	
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Date:	Dec 15, 2009	(Signature of Inventor)	Masaru KITO	
	•	(Signature of Inventor)	Masaru KIIO	
Date:	Dec 21, 2009	masaru	Hidoh	
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RECORDED: 01/27/2010

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