501851011 03/13/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takuji KUNIYA	03/05/2012
Katsunori YAHASHI	03/06/2012

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
Street Address:	1-1, Shibaura 1-chome, Minato-Ku	
City:	Tokyo	
State/Country:	Japan	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13418516

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 dtudman@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

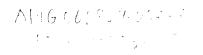
ATTORNEY DOCKET NUMBER: 396248US

NAME OF SUBMITTER: Dalibor Tudman

Total Attachments: 1

source=396248USASSIGNMENT#page1.tif

PATENT REEL: 027853 FRAME: 0074 OP \$40,00 13418516



U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Kabushiki Kaisha Toshiba						
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan						
(hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and (Title of Invention) NON-VOLATILE MEMORY DEVICE	l interest to the invention entitled					
relating to International Patent Application PCT/JF executed on even date herewith or, if not so execut		for Letters Patent of the United States was				
(a) executed on	; (Insert date of execution of app	lication, if not concurrent)				
(b) filed on	Assignee's attorney is here	by authorized to insert in (b) the specified				
and to said application and all Letters Patent(s) of substitute, reissue or reexamination application bas including any extensions thereof (collectively, here. The ASSIGNOR agrec(s), when requested by s which the ASSIGNEE may deem necessary, desirricluding in the preparation and prosecution of sair reexamination, or public use proceeding, and in any acts to include but not be limited to executing all p sworn testimony, and obtaining and producing evices.	ed thereon, for the full term or terms for which to sinafter, "said application(s) and Letters Patent(said ASSIGNEE and without charge to but at the able or expedient, for securing, maintaining and d application(s) and the issuance of said Letters litigation or other legal proceeding which may apers, including separate assignments and declar	he said Letters Patent(s) may be granted and s)"). expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such				
IN WITNESS WHEREOF, the undersigned inv	ventor(s) has (have) affixed his/her/their signatu	re(s).				
1) This deares	Takuji KUNIYA	Mach & 2012				
(Signature)	(Type Name)	(Date)				
1) Johnson Minigra (Signature) 2) Kontsmort Yahashi (Signature)	Katsunori YAHASHI	Mark 5. 2012 (Date) March 6; 20/2				
(Signature)	(Type Name)	(Date)				
3) (Signature)	(Type Name)	(Date)				
4)(Signature)	(Type Name)	(Date)				
5)(Signature)	(Type Name)	(Date)				

PATENT REEL: 027853 FRAME: 0075

RECORDED: 03/13/2012