PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naomi TAKEDA	08/21/2013
Hiroshi YAO	08/22/2013
Arata MIYAMOTO	08/21/2013
Yu NAKANISHI	08/21/2013
Daisuke IWAI	08/21/2013

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:	13953065	

CORRESPONDENCE DATA

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000
Email: bpalmer@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	419667US20	
NAME OF SUBMITTER:	Brian Palmer	
Signature:	/Brian Palmer/	PATENT

502489189 REEL: 031173 FRAME: 0679

OP \$40.00 13953065

Date:	09/10/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=419667USASSN#page1.tif source=419667USASSN#page2.tif source=419667USASSN#page3.tif source=419667USASSN#page4.tif source=419667USASSN#page5.tif	

Invention	MEMORY SYSTEM AND CONSTRUCTING METHOD OF VIRTUAL BLOCK	
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number 13/953, 065 filed on Jul. 29, 2013	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, KabushikiKaishaToshiba (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1,Shibaural-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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF		
Inventor: Naomi	TAKEDA Date: Qug 2/, 20/3	
Signature: <u>Va</u>	romi Takeda	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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EGAL NAME OF INVENTOR		
eventor: Hiroshi YAO Date: Ag. 22, 20/3		
ignature: Airosh: Yan		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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1048007581 **REEL: 031173 FRAME: 0682**

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LEGAL NAME OF	INVENTOR	
Inventor: Arata M		
Signature:	ata Myanoto	

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LEGAL NAME OF	INVENTOR		
Inventor: Yu NA	KANISHI	Date: 20/3 8, 21	
Signature: Yu	Nakanishi		

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LEGAL NAME OF		
Inventor: Daisuke		
Signature: /	Daisuke/war	

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