#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Kazuhiro FUKUTOMI	09/21/2011
Shinichi KANNO	09/22/2011
Shigehiro ASANO	09/22/2011

### **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:	13218812

### **CORRESPONDENCE DATA**

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 mkassaye@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:	385602USRD
NAME OF SUBMITTER:	Mesfin Kassaye

Total Attachments: 1

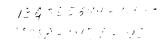
source=385602US2RDASSIGNMENT#page1.tif

PATENT

REEL: 027204 FRAME: 0541

JF \$40.00 1321881

501719373



# **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$ inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))  Kabushiki Kaisha Toshiba	1.00), and of other good and valuable c	consideration paid to the undersigned
1-1, Shibaura 1-chome, Minato-ku, Toky	o 105-8001 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is hereby ASSIGNEE the entire and exclusive right, title and interest (Title of Invention)  CONTROLLER, DATA STORAGE DEVICE A	st to the invention entitled	OR hereby sells, assigns and transfers to
relating to International Patent Application PCT/JP/ executed on even date herewith or, if not so executed, wa		or Letters Patent of the United States was
(a) executed on;	(Insert date of execution of applic	cation, if not concurrent)
(b) filed on <u>August 26, 2011</u> , Serial No. <u>13/218,812</u>	Assignee's attorney is hereby data, when known.	authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the Un substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinafter	reon, for the full term or terms for which the	: said Letters Patent(s) may be granted an
The ASSIGNOR agree(s), when requested by said AS which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said appli reexamination, or public use proceeding, and in any litiga acts to include but not be limited to executing all papers, sworn testimony, and obtaining and producing evidence.	expedient, for securing, maintaining and en ication(s) and the issuance of said Letters Po tion or other legal proceeding which may ar	nforcing protection for said invention, atent(s), in any interference, reissue, ise or be declared in relation to same, suc
IN WITNESS WHEREOF, the undersigned inventor(	s) has (have) affixed his/her/their signature	
1) Kazuhiro Fickutom	Kazuhiro FUKUTOMI	21st Sep., 2011
(Signature)	(Type Name) Shinichi KANNO	(Date)  22 Sep 2011 (Date)
(Signature)	(Type Name) Shigehiro ASANO	(Date) 22 Sep. 2011
3) - Milyeli (Net / Mill) (Signature)	(Type Name)	(Date)
4)(Signature)	(Type Name)	(Date)
5)(Signature)	(Type Name)	(Date)

**RECORDED: 11/10/2011** 

PATENT REEL: 027204 FRAME: 0542