

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kenichiro YOSHII	03/11/2010
Kazuhiro FUKUTOMI	03/11/2010
Shinichi KANNO	03/11/2010
Shigehiro ASANO	03/11/2010
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:	12723846
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(703) 413-3000
Email:	bhoward@oblon.com
Correspondent Name:	Oblon, Spivak, et al.
Address Line 1:	1940 Duke Street
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	356649US2RD
NAME OF SUBMITTER:	Brittany Howard
Total Attachments: 1 source=356649USAssignment#page1.tif	

OP \$40.00 12723846

501119291

PATENT
REEL: 024081 FRAME: 0527

13G052347-USA-A
(PTBA-09463-US)

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 hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

CONTROLLER AND DATA STORAGE DEVICE

relating to International Patent Application PCT/JP _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. ____/____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/hers/their signature(s).

1)	<u>Kenichiro Yoshii</u> <i>(Signature)</i>	Kenichiro YOSHII <i>(Type Name)</i>	Mar. 11, 2010 <i>(Date)</i>
2)	<u>Kazuhiko Fukutomi</u> <i>(Signature)</i>	Kazuhiko FUKUTOMI <i>(Type Name)</i>	Mar. 11, 2010 <i>(Date)</i>
3)	<u>Shin-ichi Kanno</u> <i>(Signature)</i>	Shinichi KANNO <i>(Type Name)</i>	Mar. 11, 2010 <i>(Date)</i>
4)	<u>Shigehiro Asano</u> <i>(Signature)</i>	Shigehiro ASANO <i>(Type Name)</i>	Mar. 11, 2010 <i>(Date)</i>
5)	_____	_____	_____

PATENT