503767620 04/04/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3814266

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MASAKAZU ABE	03/22/2016

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA		
Street Address:	1-1, SHIBAURA 1-CHOME		
City:	MINATO-KU, TOKYO		
State/Country:	JAPAN		
Postal Code:	105-8001		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15059800

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (202) 626-3600

Email: toshibapatents@whitecase.com

Correspondent Name: WHITE & CASE LLP

Address Line 1:701 THIRTEENTH STREET, NWAddress Line 4:WASHINGTON, D.C. 20005-3807

ATTORNEY DOCKET NUMBER:	DRNEY DOCKET NUMBER: 1242236-0788 US			
NAME OF SUBMITTER:	DAVID M. TENNANT			
SIGNATURE: /David M. Tennant/				
DATE SIGNED:	04/04/2016			

Total Attachments: 1

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PATENT REEL: 038185 FRAME: 0525

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U.S. ASSIGNMENT

inventor(s) (hereina	TION of the sum of One Do lifter, "ASSIGNOR") by ldress(es) of ASSIGNEE(S))	ollar (\$1.00), a	and of other good and value	ible consideration paid to the undersigned
Kabushiki Ka	isha Toshiba	******		DARAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
1-1, Shibaura	i 1-chome, Minato-ku,	Tokyo 10	5-8001 Japan	
	WWW.L	·		**************************************
~		***************************************	4442AAAAAAAAAAAAAAAAAA	
	NEE"), the receipt of which is and exclusive right, title and			SIGNOR hereby solls, assigns and transfers to
DISK DBIVE Y	AND POSITION CORF	PECTIONI	METHOR	
DION DINVE F	WD FOOTHON CON	VEO HOW	METHOD	
relating to Internation executed on even date	al Patent Application PCT/J c herewith or, if not so execute	P / ed, was:	and/or for which applicatio	n for Letters Patent of the United States was
(a) executed on		;	(Insert date of execution of	application, if not concurrent)
(b) filed on	March 3,2016			
Serial No.	15 / 059,800		Assignee's attorney is h data, when known.	ereby authorized to insert in (b) the specified
substitute, reissue or r	n and all Letters Patent(s) of the eexamination application base ons thereof (collectively, herei	d thereon, for t	the full term or terms for which	and any continuation, division, renewal, n the said Letters Patent(s) may be granted and tt(s)").
which the ASSIGNES including in the prepa reexamination, or pub acts to include but no	may deem necessary, desirate ration and prosecution of said lic use proceeding, and in any	ole or expedien application(s) litigation or ot pers, including	at, for securing, maintaining ar and the issuance of said Lette her legal proceeding which ma	he expense of said ASSIGNEE, to do all acts and enforcing protection for said invention, is Patent(s), in any interference, reissue, by arise or be declared in relation to same, such clarations, taking all rightful oaths, providing
IN WITNESS WH	EREOF, the undersigned inve	ntor(s) has (ha	we) affixed his/her/their signa	ture(s).
1) Masako	yssa Ule (Signature)		Masakazu ABE	March, 22,20/6
	(Signature)		(Type Name)	(Date)