501923371 05/16/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shinsuke Akiya	04/12/2012

RECEIVING PARTY DATA

Name:	Kabushiki Kaisha Toshiba	
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State/Country:	JAPAN	
Postal Code:	105-8001	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13473365

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NAME OF SUBMITTER: Irfan A. Lateef

Total Attachments: 1

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OP \$40.00 13473

PATENT REEL: 028221 FRAME: 0020

U.S. ASSIGNMENT

(N CONSIDERATION of the sum of One Doll inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Kabushiki Kaisha Toshiba	iar (\$1.00), and of other good and valuable cor	nsideration paid to the undersigned	
1-1, Shibaura 1-chome, Minato-ku, 7	okyo 105-8001 Japan		
		A-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention)		t hereby setts, assigns and transfers to	
MAGNETIC DISK DEVICE AND ME	THOD OF CONTROLLING HEAD	POSITION	
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed		Letters Patent of the United States was	
(a) executed on	; (Insert date of execution of application, if not concurrent)		
(b) filed on May 16, 2012 Scrial No. 13/473,365 ;			
Scrial No. 13/473,365 ;	Assignce's altorney is hereby and data, when known.	thorized to insert in (b) the specified	
and to said application and all Letters Patent(s) of th substitute, reissue or reexamination application baset including any extensions thereof (collectively, herein	i thereon, for the full term or terms for which the sa	continuation, division, renewal, id Letters Patent(s) may be granted and	
The ASSIGNOR agree(s), when requested by sai which the ASSIGNEE may deem necessary, desirab including in the preparation and prosecution of said reexamination, or public use proceeding, and in any lacts to include but not be limited to executing all pay sworn testimony, and obtaining and producing evide	application(s) and the issuance of said Letters Pate itigation or other legal proceeding which may arise pers, including separate assignments and declaratio	reing protection for said invention, nt(s), in any interference, reissue, or be declared in relation to same, such	
IN WITNESS WHEREOF, the undersigned inves	ntor(s) has (have) affixed his/her/their signature(s).		
1 Aform	Shinsuke AKIYA	4/12/2012	
(Signature)	(Type Name)	(Date)	
2) (Signature)	(Type Name)	(Date)	
3)(Signature)	(Type Name)	(Date)	
4) (Signature)	(Type Name)	(Date)	
5)(Signature)	(Type Name)	(Date)	

PATENT REEL: 028221 FRAME: 0021

RECORDED: 05/16/2012