03-15-2007



	OMB No. 10651-0027 (exp. 6/30/2008) 10338	3142 United States Patent and Trademark Office					
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	HITOSHI NARUSE	Name: KABUSHIKI KAISHA TOSHIBA					
	!	Internal Address:					
	Additional name(s) of conveying party(les) attached? Yes X No						
ĺ	3. Nature of conveyance/Execution Date(s):	Street Address: 1-1, Shibaura 1-chome, Minato-ku					
	Execution Date(s) February 19, 2007						
	X Assignment Merger						
	Security Agreement Change of Name	City:Tokyo					
	☐ Joint Research Agreement	State:					
	Government Interest Assignment						
	Executive Order 9424, Confirmatory License	Country: Japan Zip: 105-8001					
	Other	Additional name(s) & address(es) attached? Yes X No					
	The state of the s	document is being filed together with a new application.					
	A. Patent Application No.(s)	B. Patent No.(s)					
03/14/200	200 DBYRNE 00000148 033975 11711658						
01 FC:802	40.00 DA	1					
!		Additional numbers attached? Yes No					
	5. Name and address to whom correspondence	6. Total number of applications and patents					
	concerning document should be mailed:	involved:1					
	Name: PILLSBURY WINTHROP SHAW PITTMAN LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00					
	Internal Address: P.O. Box 10500	Authorized to be charged by credit card					
		X Authorized to be charged to deposit account					
	Street Address: 1650 Tysons Boulevard	☐ Enclosed					
		None required (government interest not affecting title)					
	City: McLean	8. Payment Information 008312-0360123					
	State: VA Zip: 22102	a. Credit Card Last 4 Numbers Expiration Date					
	Phone Number: (703) 770-7900						
	Fax Number: (703) 770-7901	b. Deposit Account Number 033975					
	Email Address: thomas.hilliard@pillsburylaw.com	Authorized User Name					
	9. Signature:	February 28, 2007					
	Signature	Date					
	Thomas P. Hilliard, Reg. No. 40330	Total number of pages including cover					
	Name of Person Signing	sheet, attachments, and documents: 3					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 019039 FRAME: 0311 In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DISK DEVICE

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith		
		executed on Application No.	; , filed	x

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Pillsbury Winthrop Shaw Pittman LLP, 1650 Tysons Boulevard McLean, Virginia 22102-4859

PATENT REEL: 019039 FRAME: 0312

ASSIGNMENT

3VG042057-USA-A (06S0472-1)

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Citizenship: Japan

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February 19, 2007

Date:

PATENT

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