U.S. PTO 11/905805 10/04/2007

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)	To the Director of the U.S. Patent 5		567		<del></del>
	To the Director of the C.S. Faterice		ad documents or the new address(es) below.		
	1. Name of conveying party(ies) HITOSHI NARUSE		2. Name and address of receiving party(ies)		
	mroom Nakoge			SHIKI KAISHA TOSHIBA	
			Internal Addres	SS:	
	Additional name(s) of conveying party(ies) at	ached? Yes X No			
	3. Nature of conveyance/Execution Date(s):		Street Address: 1-1, Shibaura 1-chome, Minato-ku		
	Execution Date(s) September 27, 20	• •		- y omodulu i enome, minuto ku	
	X Assignment Merger				
		Change of Name	City:	Tokyo	
	Joint Research Agreement  Government Interest Assignment				<del></del>
			State:		
	Executive Order 9424, Confirma		Country: Japan	Zip: 105-8	001
	Other				
			s) & address(es) attached? Yes		
	4. Application or patent number(s):  A. Patent Application No.(s)  X This document is being filed together with a new application.  B. Patent No.(s)				
			B. Patent N		
10/15/2007			11/905805		
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OI PUROVE.	Additional numbers attached? Yes No				
	5. Name and address to whom correspondence		6. Total number	er of applications and patents	
	concerning document should be n		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	ernal Address: P.O. Box 10500		to be charged by credit card	
				to be charged to deposit accoun	t
	Street Address: 1650 Tysons Boulevard		Enclosed	3	•
				ired (government interest not affectir	na title)
i	City: McLean		8. Payment In	<del></del>	
		22102	-	d Last 4 Numbers	
Į	State: VA Zip:	22102	a. 0.000u,	Expiration Date	
Ī	Phone Number: (703) 770-7900		h Donosit A	ccount Number 033975	
	Fax Number: (703) 770-7901				
	Email Address: erico.hernandez@pillsburylaw.com		Authorize	d User Name	
Ì	9. Signature:	eraul.	•	October 4 2007	-
Ĭ		Signature		October 4, 2007  Date	
	E. R. Hernandez, 1	_	Te	otal number of pages including cover	
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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

have sold and assigned and do hereby 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

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: 019976 FRAME: 0702

## ASSIGNMENT

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September 27. 2007

**PATENT REEL: 019976 FRAME: 0703** 

**RECORDED: 10/04/2007**