^**>rney Docket No. 16869Q-117800US

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	-0027 (exp. 5/31/2002)			et 🕳	U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings	To the Honorable Commissione	1028087	Λ 3	achod original	documents or copy thereof	
	conveying party(ies):	1020007		. Name and address of receiving party(ies)		
Satoshi Matsumura, Kenji Kuroki, Hiroki Kitahori, Shinichi Kimura 7 - 2 8 - 0 4 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No. 3. Nature of conveyance:			Hitachi Global Storage Technologies Netherlands, B.V. Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam The Netherlands			
	•	LT Manager	A 1-12011	-4.5 - 1 - 14		
			Additional name(s) and address(es) attached? ☐ Yes ☒ No			
	Security Agreement	☐ Change of Name			٥,	
	Other:				U.S.P. 901747	
Execution D	Pate: June 28, 2004				147 10/2	
4. Application number(s) or patent number(s):						
If this document is being filed together with a new application, the execution date of the application is: June 28, 2004						
A. Pa	tent Application No(s):		B. Patent	No(s):		
Additional numbers attached? ☐ Yes ☐ No						
			Total number of applications and patents involved 1			
Name: Ch TC Tv Sa	e: Chun-Pok Leung TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834 (415) 576-0200		☐ En	nclosed	charged to deposit account	
			8. Deposit acc	count number:	20-1430	
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
Ch	nun-Pok Leung	F	1/02		July 28, 2004	
	Name of Person Signir	_	Signature		Date	
	Atty. Reg. No. 41,40			_		
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PATENT

REEL: 015643 FRAME: 0913

Attorney Docket No.: 16869Q-117800US Client Reference No.: HJP9-2003-0012 US1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Satoshi Matsumura of 2-14-1, Saginuma, Miyamae-ku, Kawasaki-shi, 216-0004, Japan, Kenji Kuroki of 2-9-11, Tenjincho, Fujisawa-shi, Kanagawa, 252-0814, Japan, Hiroki Kitahori of 5430-16, Ohba, Fujisawa-shi, Kanagawa, 252-0861, Japan, Shinichi Kimura of 2-12-21-102, Honkugenuma, Fujisawa-shi, Kanagawa, 251-0028, Japan, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

ROTATING DISK STORAGE DEVICE

Date(s) of execution of Declaration:

Filing Date:

Application No.:

; and

WHEREAS, Hitachi Global Storage Technologies Netherlands, B.V., located at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

PATENT REEL: 015643 FRAME: 0914 Assignment

Attorney Docket No.: 16869Q-117800US Client Reference No.: HJP9-2003-0012 US1

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 28/Jun/04

Satoshi Matsumura
Satoshi Matsumura

Dated: 28/Jun/'04

Heyji Kumsor Kenji Kuroki

Dated: 18/14/-04

Hongi The Hiroki kitcheri

Dated: 28/Jun /104

Shinichi Kimura

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PATENT REEL: 015643 FRAME: 0915

RECORDED: 07/28/2004