

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Donald Ray Gillis</td><td>08/29/2001</td></tr><tr><td>Mike Suk</td><td>08/29/2001</td></tr></tbody></table>		Name	Execution Date	Donald Ray Gillis	08/29/2001	Mike Suk	08/29/2001
Name	Execution Date						
Donald Ray Gillis	08/29/2001						
Mike Suk	08/29/2001						
RECEIVING PARTY DATA							
Name:	Hitachi Global Storage Technologies Netherlands B.V.						
Street Address:	Locatellikade 1						
Internal Address:	Parnassustoren						
City:	1070 AZ Amsterdam						
State/Country:	NETHERLANDS						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11031807</td></tr></tbody></table>		Property Type	Number	Application Number:	11031807		
Property Type	Number						
Application Number:	11031807						
CORRESPONDENCE DATA							
Fax Number:	(512)479-3923						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(512) 542-2135						
Email:	Michael.Noel@bracewellgiuliani.com						
Correspondent Name:	Bracewell & Giuliani LLP						
Address Line 1:	P.O. Box 61389						
Address Line 2:	Attn: Michael E. Noe, Jr.						
Address Line 4:	Austin, TEXAS 77208-1389						
NAME OF SUBMITTER:	Michael E. Noe, Jr.						
Total Attachments: 4 source=SJO920010073US2.ASSIGNMENT#page1.tif source=SJO920010073US2.ASSIGNMENT#page2.tif source=SJO920010073US2.ASSIGNMENT#page3.tif source=SJO920010073US2.ASSIGNMENT#page4.tif							

CH \$40.00 11031807

500035390

PATENT
REEL: 016132 FRAME: 0097



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



500034604

JUNE 08, 2005

PTAS

BRACEWELL & GIULIANI LLP
P.O. BOX 61389
ATTN: MICHAEL E. NOE, JR.
HOUSTON, TX 77208-1389

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 500034604

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE,
MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.
IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE,
YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT
703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. TO RECORD A DOCUMENT IN THE ASSIGNMENT DIVISION, A DOCUMENT MUST ACCOMPANY THE COVER SHEET.

THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT


Electronic Version v1.1
Stylesheet Version v1.1

06/07/2005
500034604

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Donald Ray Gillis</td><td>08/29/2001</td></tr><tr><td>Mike Suk</td><td>08/29/2001</td></tr></tbody></table>	Name	Execution Date	Donald Ray Gillis	08/29/2001	Mike Suk	08/29/2001	
Name	Execution Date						
Donald Ray Gillis	08/29/2001						
Mike Suk	08/29/2001						
RECEIVING PARTY DATA							
Name:	Hitachi Global Storage Technologies Netherlands B.V.						
Street Address:	Locatellikade 1						
Internal Address:	Pamassustoren						
City:	1070 AZ Amsterdam						
State/Country:	NETHERLANDS						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11031807</td></tr></tbody></table>	Property Type	Number	Application Number:	11031807			
Property Type	Number						
Application Number:	11031807						
CORRESPONDENCE DATA							
Fax Number:	(512)479-3923						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(512) 542-2135						
Email:	Michael.Noel@bracewellgiuliani.com						
Correspondent Name:	Bracewell & Giuliani LLP						
Address Line 1:	P.O. Box 61389						
Address Line 2:	Attn: Michael E. Noe, Jr.						
Address Line 4:	Houston, TEXAS 77208-1389						
NAME OF SUBMITTER:	Michael E. Noe, Jr.						
Total Attachments: 1 source=11031807#page1.tif							

CH \$40.00 11031807

ID No.: 500034604

Substitute Form PTO -1595	RECORDATION FORM COVER SHEET PATENTS ONLY		Patent Docket No. SJO920010073US2
To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):		Execution date:	
Donald Ray Gillis		August 29, 2001	
Mike Suk		August 29, 2001	
2. Name and address of receiving party(ies): Hitachi Global Storage Technologies Netherlands B.V. Locatellikade 1 Parnassustoren 1070 AZ Amsterdam The Netherlands		3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	
4. Application number(s) or patent number(s):		Execution/Filing/Issue Date	
<input type="checkbox"/> New Patent Application, execution date of application		Execution Date	
<input checked="" type="checkbox"/> Patent Application Number: <u>11/031,807</u>		<u>January 1, 2005</u>	
<input type="checkbox"/> Patent Number: _____		Filing Date	
		Issue Date	
5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number 48583 Michael E. Noe, Jr. Bracewell & Giuliani LLP P.O. Box 61389 Houston, Texas 77208-1389		6. Total number of applications and patents involved: 1	
		7. Total fee (37 CFR 3.41). \$40.00 <input type="checkbox"/> Enclosed Check <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any deficiency to deposit account	
		8. Deposit account number: <u>50-2587</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature: <i>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.</i>			
Michael E. Noe Name of Person Signing		 Signature	
		May 12, 2005 Date	
Total number of pages including cover sheet, attachments, and documents: 2			

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 016132 FRAME: 0100

ASSIGNMENT

Whereas, I/we,

- (1) Donald Ray Gillis, of San Jose,
County of Santa Clara, State of California;
and
(2) Mike Suk, of San Jose,
County of Santa Clara, State of California;

have invented certain improvements in

Spacer Ring for Disk Drive Spindle with Load/Unload Feature, Latch Feature, and Tribological Overcoat

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration)

(1) Aug 29, 2001; (2) Aug 29, 2001.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on said invention and I/we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

	<u>City/State</u>	<u>Date</u>	<u>Signature</u>
(1)	<u>San Jose, CA</u>	<u>7/29/2001</u>	<u>Donald Ray Gillis</u> Donald Ray Gillis
(2)	<u>San Jose, CA</u>	<u>8/29/2001</u>	<u>Mike Suk</u> Mike Suk

Docket No. SJO920010073US1

Page 1 of 1