

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	Correct the Correspondent's Name and Address due to an error in the Customer Number with the initial submission.										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshihiro Hirasaka</td> <td>10/24/2003</td> </tr> <tr> <td>Mutsuo Ohta</td> <td>10/27/2003</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihiro Hirasaka	10/24/2003	Mutsuo Ohta	10/27/2003				
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Mutsuo Ohta	10/27/2003										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Hitachi Global Storage Technologies Netherlands B.V.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Locatellikade 1</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Parnassustoren</td> </tr> <tr> <td><b>City:</b></td> <td>1070 AZ Amsterdam</td> </tr> <tr> <td><b>State/Country:</b></td> <td>NETHERLANDS</td> </tr> </table>		<b>Name:</b>	Hitachi Global Storage Technologies Netherlands B.V.	<b>Street Address:</b>	Locatellikade 1	<b>Internal Address:</b>	Parnassustoren	<b>City:</b>	1070 AZ Amsterdam	<b>State/Country:</b>	NETHERLANDS
<b>Name:</b>	Hitachi Global Storage Technologies Netherlands B.V.										
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<b>Internal Address:</b>	Parnassustoren										
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<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10692992</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10692992						
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Application Number:	10692992										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (512)479-3923</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (512) 542-2135</p> <p>Email: Michael.Noel@bracewellgiuliani.com</p> <p>Correspondent Name: Bracewell &amp; Giuliani LLP</p> <p>Address Line 1: P.O. Box 61389</p> <p>Address Line 2: Attn: Michael E. Noe, Jr.</p> <p>Address Line 4: Houston, TEXAS 77208-1389</p>											
<b>NAME OF SUBMITTER:</b>	Michael E. Noe, Jr.										
<p>Total Attachments: 14</p> <p>source=JP920020171US1.ASSIGNMENT MATERIALS#page1.tif</p> <p>source=JP920020171US1.ASSIGNMENT MATERIALS#page2.tif</p> <p>source=JP920020171US1.ASSIGNMENT MATERIALS#page3.tif</p>											

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**PATENT**  
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02-18-2004



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Substitute Form PTO -1595		102670893 PATENTS ONLY		T	Patent Docket No. JP920020171US1
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:		
Yoshihiro Hirasaka			<u>October 24, 2003</u>		
Mutsuo Ohta			<u>October 27, 2003</u>		
2. Name and address of receiving party(ies): <b>Hitachi Global Storage Technologies Netherlands B.V.</b> <b>Locatellikade 1</b> <b>Parnassustoren</b> <b>1070 AZ Amsterdam</b> <b>The Netherlands</b>			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			<u>October 24, 2003 &amp; October 27, 2003</u> Execution Date		
<input checked="" type="checkbox"/> Patent Application Number: _____			Filing Date _____		
<input type="checkbox"/> Patent Number: _____			Issue Date _____		
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Andrew J. Dillon</b> <b>Bracewell &amp; Patterson, L.L.P.</b> <b>P.O. Box 969</b> <b>Austin, Texas 78767-0969</b>			6. Total number of applications and patents involved: 1		
			7. Total fee (37 CFR 3.41). . . . . <u>\$40.00</u> <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		
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Michael E. Noe Name of Person Signing		 Signature		February 9, 2004 Date	
Total number of pages including cover sheet, attachments, and documents: 2					

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Washington, D.C. 20231

PATENT

REEL: 016322 FRAME: 0949

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 OPR/FINANCE

**ASSIGNMENT**

Whereas, we,

(1) YOSHIHIRO HIRASAKA

of Sagamihara-shi,  
of Kanagawa, 228-0802, Japan

and

(2) MUTSUO OHTA

of Naka-ku, Yokohama-shi,  
of Kanagawa, 231-0852, Japan

have invented certain improvements in

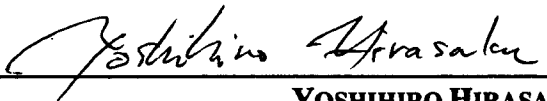
**DISK DRIVE AND ACTUATOR**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 24, Oct, 2003 and (2) \_\_\_\_\_, 2003.

Whereas, Hitachi Global Storage Technologies Netherlands B.V., Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE Amsterdam, The Netherlands, (hereinafter called HITACHI), 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, we, the above named, hereby sell, assign, and transfer to HITACHI, 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 we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

(1) Signed at Tokyo on 24, Oct, 2003.

  
YOSHIHIRO HIRASAKA

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2003.

\_\_\_\_\_  
MUTSUO OHTA

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\_\_\_\_\_  
**YOSHIHIRO HIRASAKA**

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Mutsuo Ohta

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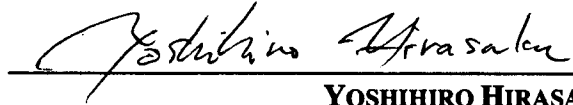
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YOSHIHIRO HIRASAKA

(2) Signed at Fujisawa on 27, OCT, 2003.

Mutsuo Ohta

MUTSUO OHTA

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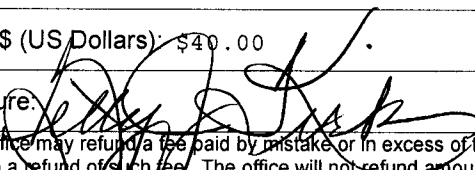
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**Description of Request and Payment Information:**

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