PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chikako SAKAGAMI</td>
<td>11/19/2009</td>
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<tr>
<td>Kazuhisa SHISHIDA</td>
<td>11/20/2009</td>
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<tr>
<td>Isao YONEDA</td>
<td>11/20/2009</td>
</tr>
<tr>
<td>Kazuaki USUI</td>
<td>11/20/2009</td>
</tr>
<tr>
<td>Hiroshi UCHIDA</td>
<td>11/20/2009</td>
</tr>
<tr>
<td>Takeshi SAITO</td>
<td>11/20/2009</td>
</tr>
<tr>
<td>Kenji TOMIDA</td>
<td>11/24/2009</td>
</tr>
</tbody>
</table>

RECEIVING PARTY DATA

Name: HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.
Street Address: Locatellikade 1, Parnassustoren
City: Amsterdam
State/Country: NETHERLANDS
Postal Code: 1076 AZ

PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>12631729</td>
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</table>

CORRESPONDENCE DATA

Fax Number: (831)722-2350
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: bdinapoli@wagnerblecher.com
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Address Line 1: 123 WESTRIDGE DRIVE
Address Line 4: WATSONVILLE, CALIFORNIA 95076

ATTORNEY DOCKET NUMBER: HJP920080082US1

501032824
ASSIGNMENT FOR PATENT APPLICATION

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

DISK DRIVE AND METHOD FOR HEAD SERVO CONTROL OF THE DISK DRIVE

Whereas, Hitachi Global Storage Technologies Netherlands B.V., having a place of business at Locatelliakade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/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 inventions 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.

Signed on the date(s) indicated beside my (our) signature(s).

1) Signature: Chikako SAKAGAMI
   Typed Name: Chikako SAKAGAMI
   Date: 2009.11.19

2) Signature: Kazuhisa SHISHIDA
   Typed Name: Kazuhisa SHISHIDA
   Date: 2009.11.20

3) Signature: Isao YOKOYAMA
   Typed Name: Isao YOKOYAMA
   Date: 2009.11.20

4) Signature: Kazuo USUI
   Typed Name: Kazuo USUI
   Date: 2009.11.20

5) Signature: Hiroshi UCHIDA
   Typed Name: Hiroshi UCHIDA
   Date: 2009.11.20

6) Signature: Takeshi SAIKO
   Typed Name: Takeshi SAIKO
   Date: 2009.11.20

Docket No.: HJP92008082US1
Page 1 of 2
7) Signature: Kenji TOMIDA
Typed Name: Kenji TOMIDA
Date: 2009/11/29