

PATENT ASSIGNMENT

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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>Masayuki KURITA</td> <td>10/12/2010</td> </tr> <tr> <td>Toshiya SHIRAMATSU</td> <td>10/12/2010</td> </tr> <tr> <td>Kenji KUROKI</td> <td>10/12/2010</td> </tr> <tr> <td>Yuki SHIMIZU</td> <td>10/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Masayuki KURITA	10/12/2010	Toshiya SHIRAMATSU	10/12/2010	Kenji KUROKI	10/12/2010	Yuki SHIMIZU	10/12/2010
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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 border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12909694</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12909694						
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Application Number:	12909694										
CORRESPONDENCE DATA											
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Total Attachments: 1 source=HJP9-2010-0006US1_Assign#page1.tif											

CH \$40.00 12909694

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PATENT
REEL: 025176 FRAME: 0145

ASSIGNMENT FOR PATENT APPLICATION

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

MAGNETIC-RECORDING HEAD WITH FIRST THERMAL FLY-HEIGHT CONTROL ELEMENT AND
EMBEDDED CONTACT SENSOR ELEMENT CONFIGURABLE AS SECOND THERMAL FLY-HEIGHT
CONTROL ELEMENT

Whereas, **Hitachi Global Storage Technologies Netherlands B.V.**, having a place of business at Locatellikade 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: Masayuki Kurita Date: Oct. 12, 2010
Typed Name: Masayuki KURITA
- 2) Signature: Toshiya Shiramatsu Date: Oct. 12, 2010
Typed Name: Toshiya SHIRAMATSU
- 3) Signature: Kenji Kuroki Date: Oct. 12, 2010
Typed Name: Kenji KUROKI
- 4) Signature: Yuki Shimizu Date: Oct. 12, 2010
Typed Name: Yuki SHIMIZU