

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<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>Toshiki Hirano</td> <td>12/14/2010</td> </tr> <tr> <td>Barry Cushing Stipe</td> <td>12/10/2010</td> </tr> <tr> <td>Timothy Carl Strand</td> <td>12/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Toshiki Hirano	12/14/2010	Barry Cushing Stipe	12/10/2010	Timothy Carl Strand	12/06/2010
Name	Execution Date								
Toshiki Hirano	12/14/2010								
Barry Cushing Stipe	12/10/2010								
Timothy Carl Strand	12/06/2010								
<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, PARNASSUSTOREN</td> </tr> <tr> <td><b>City:</b></td> <td>1076 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, PARNASSUSTOREN	<b>City:</b>	1076 AZ AMSTERDAM	<b>State/Country:</b>	NETHERLANDS
<b>Name:</b>	HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.								
<b>Street Address:</b>	LOCATELLIKADE 1, PARNASSUSTOREN								
<b>City:</b>	1076 AZ AMSTERDAM								
<b>State/Country:</b>	NETHERLANDS								
<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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12969307</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12969307				
Property Type	Number								
<b>Application Number:</b>	12969307								
<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (408)717-9155</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: tom.berthold@comcast.net</p> <p>Correspondent Name: HITACHI GLOBAL STORAGE TECHNOLOGIES</p> <p>Address Line 1: 5600 COTTLE ROAD</p> <p>Address Line 4: San Jose, CALIFORNIA 95193</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	HSJ920100084US1								
<b>NAME OF SUBMITTER:</b>	Thomas R. Berthold								
<p>Total Attachments: 1</p> <p>source=HSJ920100084US1_AssignmentSigned#page1.tif</p>									

CH \$40.00 12969307

501380271

**PATENT**  
**REEL: 025507 FRAME: 0427**

## ASSIGNMENT FOR PATENT APPLICATION

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

### SLIDER WITH INTEGRATED THERMALLY-ASSISTED RECORDING (TAR) HEAD AND LONG LASER DIODE WITH OPTICAL BODY FOR DIRECTING LASER RADIATION

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: Toshiki Hirano Date: 12/14/2010  
Typed Name: **Toshiki Hirano**
- 2) Signature: Barry Cushing Stipe Date: 12/10/2010  
Typed Name: **Barry Cushing Stipe**
- 3) Signature: Timothy Carl Strand Date: 12/6/2010  
Typed Name: **Timothy Carl Strand**