

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>Bruce Alvin Gurney</td> <td>01/25/2008</td> </tr> <tr> <td>Ernesto E. Marinero</td> <td>02/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Bruce Alvin Gurney	01/25/2008	Ernesto E. Marinero	02/01/2008				
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Bruce Alvin Gurney	01/25/2008										
Ernesto E. Marinero	02/01/2008										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Hitachi Global Storage Technologies Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Locatellikade 1</td> </tr> <tr> <td>Internal Address:</td> <td>Parnassustoren</td> </tr> <tr> <td>City:</td> <td>1076 AZ Amsterdam</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> </table>		Name:	Hitachi Global Storage Technologies Netherlands B.V.	Street Address:	Locatellikade 1	Internal Address:	Parnassustoren	City:	1076 AZ Amsterdam	State/Country:	NETHERLANDS
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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>13420474</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13420474						
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CORRESPONDENCE DATA											
<p>Fax Number: 4089714660 Phone: 408-971-2573 Email: april@zilkakotab.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Zilka-Kotab, PC Address Line 1: P.O. Box 721120 Address Line 4: San Jose, CALIFORNIA 95172</p>											
ATTORNEY DOCKET NUMBER:	HIT1P315A/HSJ920070222US2										
NAME OF SUBMITTER:	Ronald B. Feece										
Total Attachments: 2 source=HIT1P315_Signedassign#page1.tif source=HIT1P315_Signedassign#page2.tif											

CH \$40.00 13420474

ASSIGNMENT OF PATENT APPLICATION

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

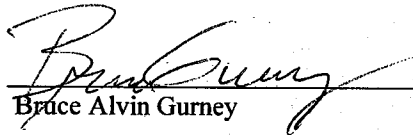
OPTIMIZATION OF TWO DIMENSIONAL ELECTRON GAS STRUCTURES FOR MAGNETIC RECORDING SENSORS

(Atty. Docket No.: HIT1P315/HSJ920070222US1) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Hitachi Global Storage Technologies Netherlands B.V.**, a corporation having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

- 1) Signature: 
Typed Name: Bruce Alvin Gurney Date: Jun 25 2008
- 2) Signature: _____
Typed Name: Ernesto E. Marinero Date: _____

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

- 1) Signature: _____ Date: _____
Typed Name: Bruce Alvin Gurney
- 2) Signature: _____ Date: 2/01/08
Typed Name: Ernesto E. Marinero