

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Thomas Dudley Boone Jr. | 05/02/2007 |
| Liesl Folks | 05/04/2007 |
| Bruce Alvin Gurney | 05/01/2007 |
| Jordan Asher Katine | 05/02/2007 |
| Ernesto E. Marinero | 05/03/2007 |
| Neil Smith | 05/03/2007 |
| RECEIVING PARTY DATA | |
| Name: | Hitachi Global Storage Technologies Netherlands B.V. |
| Street Address: | Locatellikade 1 |
| Internal Address: | Parnassustoren |
| City: | 1076 AZ Amsterdam |
| State/Country: | NETHERLANDS |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11747683 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)971-4660 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 408-971-2573 |
| Email: | april@zilkakotab.com |
| Correspondent Name: | Zilka-Kotab, PC |
| Address Line 1: | P.O. Box 721120 |
| Address Line 4: | San Jose, CALIFORNIA 95172 |
| ATTORNEY DOCKET NUMBER: | HSJ920070039US1/HIT1P278 |
| NAME OF SUBMITTER: | Ronald B. Feece |

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PATENT
REEL: 019616 FRAME: 0439

Total Attachments: 3

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PATENT

REEL: 019616 FRAME: 0440

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:

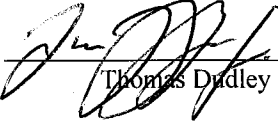

EXTRAORDINARY MAGNETORESISTIVE (EMR) DEVICE WITH NOVEL LEAD STRUCTURE

(Atty. Docket No.: HIT1P278/HSJ920070039US1) 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:  Date: 5/2/2007
Typed Name: Thomas Dudley Boone Jr.
- 2) Signature: _____ Date: _____
Typed Name: Liesl Folks
- 3) Signature:  Date: MAY 01, 2007
Typed Name: Bruce Alvin Gurney

ASSIGNMENT OF PATENT APPLICATION

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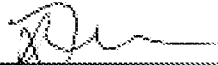
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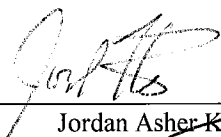
Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: _____ Date: _____
Typed Name: Thomas Dudley Boone Jr.
- 2) Signature:  _____ Date: 4 May 2007
Typed Name: Lisa Folks
- 3) Signature: _____ Date: _____
Typed Name: Bruce Alvin Gurnsey

4)

Signature:

Typed Name:


Jordan Asher Katine

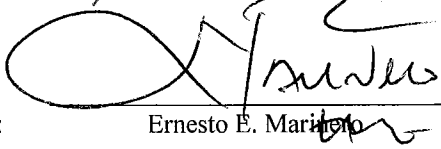
Date:

5/3/07

5)

Signature:

Typed Name:


Ernesto E. Marinero

Date:

5/3/07

6)

Signature:

Typed Name:


Neil Smith

Date:

5/3/07