

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gautam Khera	02/02/2009
Quang Le	02/02/2009
Son Van Nguyen	01/16/2009
Aron Pentek	02/02/2009
Mason Lamar Williams III	01/14/2009
James Lamar Nix	01/23/2009
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	
Property Type	Number
Patent Number:	7031121
CORRESPONDENCE DATA	
Fax Number:	(408)717-9063
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-717-5621
Email:	marcia.mingione@hitachigst.com
Correspondent Name:	Hitachi Global Storage Technologies
Address Line 1:	5600 Cottle Road
Address Line 2:	IP Law NHGB/014-2
Address Line 4:	San Jose, CALIFORNIA 95193
ATTORNEY DOCKET NUMBER:	HSJ920030011US1

CH \$40.00 7031121

500774419

**PATENT
REEL: 022214 FRAME: 0320**

NAME OF SUBMITTER:

Marcia Mingione

Total Attachments: 5

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Gautam Kherab
Quang Le
Son Van Nguyen
Aron Pentek
Mason Lamar Williams, III

James Lamar Nix

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 2/2/09, 2/2/09, 1/16/09, 2/2/09, 1/14/09, 1/23/09

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Hitachi Global Storage Technologies Netherlands B.V.

Internal Address: _____

Street Address: Locatellikade 1

Parnassustoren

City: Amsterdam

State: _____

Country: The Netherlands Zip: 1076 AZ

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

7,031,121

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Hitachi Global Storage Technologies

Internal Address: IP Law Dept. / Mail Stop: NHGB/0142

Street Address: 5600 Cottle Road

City: San Jose

State: CA

Zip: 95193

Phone Number: _____

Fax Number: 408-717-9155

Email Address: marcia.mingione@hitachigst.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2587

Authorized User Name Marcia Mingione

9. Signature:


Signature

02/06/2008

Date

Rambod Nader Reg. No. 47,262

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT FOR PATENT APPLICATION

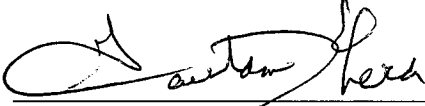
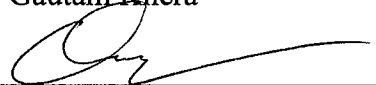

Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

Perpendicular Recording Magnetic Head With A Write Shield Magnetically Coupled To A First Pole Piece

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:  Date: 2/2/2009
Typed Name: Gautam Khera
- 2) Signature:  Date: 2/2/09
Typed Name: Quang Le
- 4) Signature: _____ Date: _____
Typed Name: Son Van Ngyuen
- 5) Signature:  Date: 2/2/09
Typed Name: Aron Pentek
- 6) Signature: _____ Date: _____
Typed Name: Mason Lamar Williams, III
- 7) Signature: _____ Date: _____
Typed Name: James Lamar Nix

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

- | | | |
|----|--|-------------------------------|
| 1) | Signature: _____
Typed Name: Gustam Khera | Date: _____ |
| 2) | Signature: _____
Typed Name: Quang Le | Date: _____ |
| 4) | Signature: <u>Son Van Nguyen</u>
Typed Name: Son Van Nguyen | Date: <u>January 16, 2009</u> |
| 5) | Signature: _____
Typed Name: Aron Pentek | Date: _____ |
| 6) | Signature: _____
Typed Name: Mason Lamar Williams, III | Date: _____ |
| 7) | Signature: _____
Typed Name: James Lamar Nix | Date: _____ |

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

- | | | |
|----|---|-------------------------------|
| 1) | Signature: _____
Typed Name: Gy atam Khera | Date: _____ |
| 2) | Signature: _____
Typed Name: Quang Le | Date: _____ |
| 4) | Signature: _____
Typed Name: Son Van Ngyuen | Date: _____ |
| 5) | Signature: _____
Typed Name: Aron Pentek | Date: _____ |
| 6) | Signature: <u>Mason Lamar Williams III</u>
Typed Name: Mason Lamar Williams, III | Date: <u>January 14, 2009</u> |
| 7) | Signature: _____
Typed Name: James Lamar Nix | Date: _____ |

ASSIGNMENT FOR PATENT APPLICATION

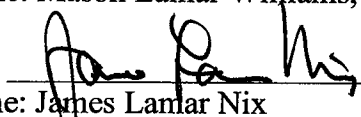
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- 1) Signature: _____ Date: _____
Typed Name: ~~Gustam~~ Khera
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- 5) Signature: _____ Date: _____
Typed Name: Aron Pentek
- 6) Signature: _____ Date: _____
Typed Name: Mason Lamar Williams, III
- 7) Signature:  _____ Date: Jan. 23, 2009
Typed Name: James Lamar Nix