

03-10-2004

orney Docket No: HSJ920030232US1



HEET  
TENT

22857 U.S. PTO  
10/782301



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To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

**Marie-Claire Cyrille**  
1055 Coleman Road #2307  
San Jose, CA 95123

**Ernesto Marinero**  
22501 Mount Eden Road  
Saratoga, CA 95070

**Meng Ding**  
707 Continental Circle, Apt. 1922  
Mountain View, CA 94040

**James Lamar Nix**  
8421 Goldenrod Circle  
Gilroy, CA 95020

**Kuok San Ho**  
649 Nazareth Court  
Santa Clara, CA 95051

**Brian York**  
796 Firewood Court  
San Jose, CA 95120

**Prakash Kasiraj**  
790 Finchwood Way  
San Jose, CA 95120

2. Assignee:

**Hitachi Global Storage Technologies Netherlands, B.V.**  
Locatellikade 1, Parnassustoren  
1076 AZ Amsterdam  
The Netherlands

101782301

3. Execution Date of Assignment of Entire Interest in Patent Application: 2/13/2004

4. Execution Date of Declaration for Patent Application: 2/13/2004

4A. Patent Application No.: **Not Yet Assigned**

4B. Patent Number: **Not Yet Assigned**

5. Correspondence address: Robert Lodenkamper  
LUMEN  
2345 Yale Street, 2<sup>nd</sup> Floor  
Palo Alto, CA 94306

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

Robert Lodenkamper  
Reg. No. P55,399

Date: 2/18/04  
telephone: (650) 424-0100

Total number of pages including cover sheet, attachments, and document: 7

03/09/2004 EDCR 0000161 502587 10782301

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PATENT

REEL: 015040 FRAME: 0767

**ASSIGNMENT**

Whereas, I/WE:

**Marie-Claire Cyrille**, residing in  
1055 Coleman Road #2307, San Jose, CA 95123

and, **Meng Ding**, residing in  
707 Continental Circle, Apt. 1922, Mountain View, CA 94040

and, **Kuok San Ho**, residing in  
649 Nazareth Court, Santa Clara, CA 95051

and, **Prakash Kasiraj**, residing in  
790 Finchwood Way, San Jose, CA 95120

and, **Ernesto Marinero**, residing in  
22501 Mount Eden Road, Saratoga, CA 95070

and, **James Lamar Nix**, residing in  
8421 Goldenrod Circle, Gilroy, CA 95020

and, **Brian York**, residing in  
796 Firewood Court, San Jose, CA 95120

have invented certain improvements in

**MAGNETORESISTIVE SENSOR WITH DECOUPLED HARD BIAS MULTILAYERS**

and executed, respectively, a United States patent application therefore on

(1) <u>02/10/04</u>	(2) _____
(3) <u>02/10/04</u>	(4) <u>2/10/04</u>
(5) <u>02/09/04</u>	(6) <u>02/13/04</u>
(7) <u>02/13/04</u>	

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**MAGNETORESISTIVE SENSOR WITH DECOUPLED HARD BIAS MULTILAYERS**

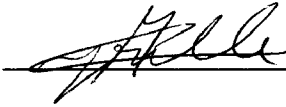
and executed, respectively, a United States patent application therefore on

- |           |                               |
|-----------|-------------------------------|
| (1) _____ | (2) <u>Meng Ding 02/10/04</u> |
| (3) _____ | (4) _____                     |
| (5) _____ | (6) _____                     |
| (7) _____ |                               |

Whereas, **HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS, B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called 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 therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, 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.

INVENTOR (1)  
SIGNATURE



Marie-Claire Cyrille

on 02/10/04, 2004, at San Jose, CALIFORNIA


INVENTOR (2)  
SIGNATURE

\_\_\_\_\_

Meng Ding

on \_\_\_\_\_, 2004, at \_\_\_\_\_, CALIFORNIA


INVENTOR (3)  
SIGNATURE



Kuok San Ho

on 02/10, 2004, at San Jose, CALIFORNIA

INVENTOR (4)  
SIGNATURE



Prakash Kasiraj

on 2/10, 2004, at SAN JOSE, CALIFORNIA

**INVENTOR (1)**

**SIGNATURE** \_\_\_\_\_

**Marie-Claire Cyrille**

on \_\_\_\_\_, 2004, at \_\_\_\_\_, CALIFORNIA

**INVENTOR (2)**

**SIGNATURE** \_\_\_\_\_

*Meng Ding*

**Meng Ding**

on 02/10/04, 2004, at Mountain View, CALIFORNIA

**INVENTOR (3)**

**SIGNATURE** \_\_\_\_\_

**Kuok San Ho**

on \_\_\_\_\_, 2004, at \_\_\_\_\_, CALIFORNIA

**INVENTOR (4)**

**SIGNATURE** \_\_\_\_\_

**Prakash Kasiraj**

on \_\_\_\_\_, 2004, at \_\_\_\_\_, CALIFORNIA

INVENTOR (5)  
SIGNATURE Ernesto Marinero

Ernesto Marinero

on Feb 9th, 2004, at San Jose, CALIFORNIA

INVENTOR (6)  
SIGNATURE James Lamar Nix

James Lamar Nix

on Feb. 13<sup>th</sup>, 2004, at SAN JOSE, CALIFORNIA

INVENTOR (7)  
SIGNATURE Brian York

Brian York

on Feb 13<sup>th</sup>, 2004, at ~~San Jose~~ <sup>By.</sup>, CALIFORNIA