

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Mr. Andre S. Chan | 09/19/2006 |
| Mr. Chisin Chiang | 09/19/2006 |
| Mr. Ferdinand Hendriks | 09/19/2006 |

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: | 11533850 |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:

HSJ920060017US1

NAME OF SUBMITTER:

Michael E.Noel, Jr. (Reg. No. 44,975)

Total Attachments: 3

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PATENT

REEL: 018286 FRAME: 0076

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CH \$40.00 11533850

**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)

Andre S. Chan
Chisin Chiang
Ferdinand Hendriks

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

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

Execution Date(s) 09/19/2006

- ☒ 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: 1076 AZ Amsterdam

State: _____

Country: The Netherlands Zip: _____

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)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Michael E. Noe

Internal Address: _____

Street Address: PO Box 61389

City: Houston

State: TX Zip: 77208-1389

Phone Number: 512.542.2135

Fax Number: 512.479.3923

Email Address: michael.noe@bracewellgiuliani.com

6. Total number of applications and patents involved: _____

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)

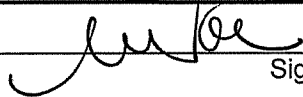
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2587

Authorized User Name Hitachi Global Storage

9. Signature:



Signature

September 21, 2006

Date

Michael E. Noe, Jr.
Name of Person Signing

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

3

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

Whereas, I,

- (1) Andre S. Chan of Milpitas, California,
- (2) Chisin Chiang of San Jose, California, and
- (3) Ferdinand Hendriks of Morgan Hill, California

have invented certain improvements in

SYSTEM, METHOD, AND APPARATUS FOR LIGHTWEIGHT SPOILER WING DESIGN FOR DE-POPULATED DISK DRIVES

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 9/19/06, 2006, (2) 9/19, 2006, and (3) 9/19/2006;

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 invention 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**.

(1) Signed at SAN JOSE on 9/19, 2006.

Andre S. Chan

ANDRE S. CHAN

(2) Signed at San Jose on 9/19, 2006.

Chisin Chiang

CHISIN CHIANG

(3) Signed at San Jose on 9/19, 2006.



FERDINAND HENDRIKS