

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	To correct the Correspondent's Name and Address due to an error in the Customer Number with the initial submission.

CONVEYING PARTY DATA

Name	Execution Date
Ta-Chang Fu	09/25/2003
Ungtae Kim	09/22/2003
Robert A. Lenicheck	09/22/2003
Sattar Malek	10/01/2003
Stanley Yen Wong	10/10/2003

RECEIVING PARTY DATA

Name:	Hitachi Global Storage Technologies Netherlands B.V.
Street Address:	Locatellikade 1
Internal Address:	Parnassustoren
City:	1070 AZ Amsterdam
State/Country:	NETHERLANDS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10669067

CORRESPONDENCE DATA

Fax Number: (512)479-3923
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Email: Michael.Noel@bracewellgiuliani.com
 Correspondent Name: Bracewell & Giuliani LLP
 Address Line 1: P.O. Box 61389
 Address Line 2: Attn: Michael E. Noe, Jr.
 Address Line 4: Houston, TEXAS 77208-1389

NAME OF SUBMITTER:	Michael E. Noe, Jr.
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Total Attachments: 13

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**PATENT
 REEL: 016324 FRAME: 0254**

OP \$40.00 10669067

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01-07-2004



Substitute Form PTO -1595

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Patent Docket No.

HSJ920030136US1

102639681

To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Execution date:

Ta-Chang Fu

1/5/04

September 25, 2003

Ungtae Kim

September 22, 2003

Robert A. Lenicheck

September 22, 2003

Sattar Malek

October 1, 2003

Stanley Yen Wong

October 10, 2003

OPR/FINANCE
2004 JAN -5 AM 7:53

2. Name and address of receiving party(ies):

Hitachi Global Storage Technologies Netherlands B.V.
Locatellikade 1
1076 AZ Amsterdam
P.O. Box 75215
1070 AE Amsterdam
The Netherlands

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

4. Application number(s) or patent number(s):

Execution/Filing/Issue Date

September 25, 2003; September 22, 2003; September 22, 2003

New Patent Application, execution date of application

October 1, 2003, and October 10, 2003

Execution Date

Patent Application Number:

Filing Date

Patent Number:

Issue Date

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

Andrew J. Dillon
Bracewell & Patterson, L.L.P.
P.O. Box 969
Austin, Texas 78767-0969

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 3.41), \$40.00

- Enclosed Check
- Authorized to be charged to deposit account
- Authorized to charge any deficiency to deposit account

8. Deposit account number:

50-2587

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9. Statement and signature

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

Michael E. Noe
Name of Person Signing

Signature

January 1, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 3

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 016324 FRAME: 0256

Substitute Form PTO -1595	RECORDATION FORM COVER SHEET PATENTS ONLY	Patent Docket No. HSJ920030136US1
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To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

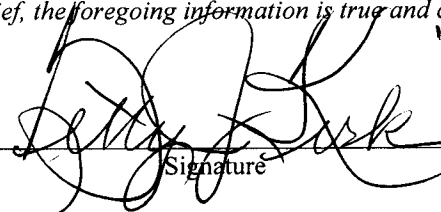
1. Name of conveying party(ies): Ta-Chang Fu Ungtae Kim Robert A. Lenicheck Sattar Malek Stanley Yen Wong	Execution date: <u>September 25, 2003</u> <u>September 22, 2003</u> <u>September 22, 2003</u> <u>October 1, 2003</u> <u>October 10, 2003</u>
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2. Name and address of receiving party(ies): Hitachi Global Storage Technologies Netherlands B.V. Locatellikade 1 1076 AZ Amsterdam P.O. Box 75215 1070 AE Amsterdam The Netherlands	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other (To correct the correspondent's address due to wrong Customer Number with initial submission)
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4. Application number(s) or patent number(s):	Execution/Filing/Issue Date
<input type="checkbox"/> New Patent Application, execution date of application	_____
<input checked="" type="checkbox"/> Patent Application Number: <u>10/669,067</u>	Execution Date <u>September 23, 2003</u>
<input type="checkbox"/> Patent Number: _____	Filing Date _____
	Issue Date _____

5. Name and address of party to whom correspondence concerning document should be mailed: <u>Customer Number 48583</u> Bracewell & Giuliani LLP P.O. Box 61389 Houston, Texas 77208-1389	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41). \$40.00 <input type="checkbox"/> Enclosed Check <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to charge any deficiency to deposit account
	8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Betty J. Kirk	
Name of Person Signing	Signature
	July 28, 2005
	Date
Total number of pages including cover sheet, attachments, and documents: 2	

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 016324 FRAME: 0257

ASSIGNMENT

Whereas, we,

- (1) **Ta-Chang Fu of San Jose, Santa Clara County, California;**
- (2) **Ungtae Kim of San Jose, Santa Clara County, California;**
- (3) **Robert A. Lenicheck of Palo Alto, Santa Clara County, California;**
- (4) **Sattar Malek of San Jose, Santa Clara County, California; and**
- (5) **Stanley Yen Wong of San Jose, Santa Clara County, California**

have invented certain improvements in

**SYSTEM, METHOD, AND APPARATUS FOR ASSEMBLING A HARD DISK DRIVE
HAVING A MOTOR BRACKET TOOLING HOLE FOR INVERTED
MOTOR-TO-BASE MERGE PROCESS**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 7/25/03, 2003; (2) 9/22/03, 2003; (3) 9/22, 2003; (4) 10/1, 2003, and (5) 10/10, 2003.

Whereas, Hitachi Global Storage Technologies Netherlands B.V., Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE 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 Sept. 25, 2003.



Ta-Chang Fu

(2) Signed at San Jose, CA on 9/22/_____, 2003.

Ungtae Kim
Ungtae Kim

(3) Signed at San Jose, CA on 9/22/03_____, 2003.

Robert A. Lenicheck
Robert A. Lenicheck

Signed at San Jose

(4) Signed at S. malek on 10/1_____, 2003.

S. malek
Sattar Malek

(5) Signed at SAN JOSE on 10/10/03_____, 2003.

Stanley Yen Wong
Stanley Yen Wong

ASSIGNMENT

Whereas, we,

- (1) **Ta-Chang Fu of San Jose, Santa Clara County, California;**
- (2) **Ungtae Kim of San Jose, Santa Clara County, California;**
- (3) **Robert A. Lenicheck of Palo Alto, Santa Clara County, California;**
- (4) **Sattar Malek of San Jose, Santa Clara County, California; and**
- (5) **Stanley Yen Wong of San Jose, Santa Clara County, California**

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Whereas, Hitachi Global Storage Technologies Netherlands B.V., Locatellikade 1, 1076 AZ Amsterdam, P.O. Box 75215, 1070 AE 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 Sept. 25, 2003.



Ta-Chang Fu

(2) Signed at San Jose, CA on 9/22/ _____, 2003.

Ungtae Kim
Ungtae Kim

(3) Signed at San Jose, CA on 9/28/03 _____, 2003.

Robert A. Lenicheck
Robert A. Lenicheck

Signed at San Jose

(4) Signed at S. malek on 10/1 _____, 2003.

S. malek
Sattar Malek

(5) Signed at SAN JOSE on 10/10/03 _____, 2003.

Stanley Yen Wong
Stanley Yen Wong