

Docket: HSI9-US1

US Department Of Commerce
Patent & Trademark Office

Recordation Form Cover Sheet
PATENTS ONLY

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

Name of conveying party(ies):

**Amanda Baer
Hamid Balamane
Daniel Bedell
Jyh-Shuey (Jerry) Lo
Vladimir Nikitin
Aron Pentek
Yvette Winton**

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

Name: **Hitachi Global Storage Technologies
Netherlands B.V.**

Street Address:
**Locatellikade 1
Parnassustoren
1076 AZ Amsterdam
The Netherlands**

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

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

Nature of conveyance:

Corrective assignment to include serial number

Execution Date: 09/30/04, 10/15/04, 09/30/04, 09/30/04, 09/30/04, 10/04/04

Application number(s) or patent number(s): 10/956,221

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Wagner Murabito & Hao LLP**
Internal
Address: **Patent Attorneys**
Street
Address: **2 North Market Street Third Floor
San Jose, California 95113**

6. Total Number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: **23-0085**

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.

Name:

Date:

Total number of pages including cover sheet, attachments, and document: / 2 /

Docket: HSI9-2004-0159US1

US Department Of Commerce
Patent & Trademark Office

ASSIGNMENT

Whereas, we

- (1) Amanda Baer
- (2) Hamid Balamane
- (3) Daniel Bedell
- (4) Jyh-Shuey (Jerry) Lo
- (5) Vladimir Nikitin
- (6) Aron Pentek
- (7) Yvette Winton

have invented certain improvements in

A PROCESS FOR CREATING A WRITE HEAD BY FORMING A BUMP AFTER THE TOP POLE IS FORMED

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

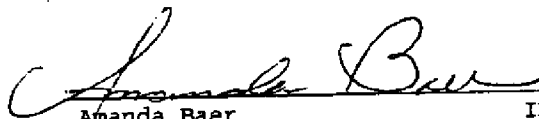
- (1) 9/30/04 (2) 10/15/04 (3) 9/12/04 (4) 9/30/04 (5) 9/30/04 (6) 9/30/04 (7) 10/14/04

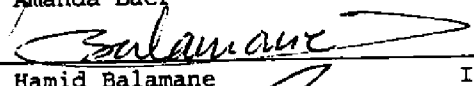
Whereas, **HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called **HITACHI**), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

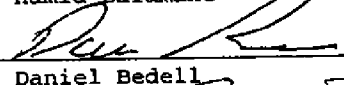
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to **HITACHI**, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and 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**.


Signed

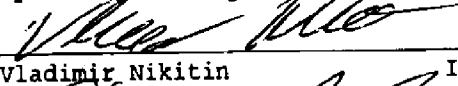
- (1) at San Jose
on 9/30/04, 2004,
- (2) at SAN JOSE
on 10/15/2004, 2004,
- (3) at San Jose
on 9/30/04, 2004,
- (4) at San Jose
on 9/30/04, 2004,
- (5) at San Jose
on 9/30/04, 2004,
- (6) at San Jose
on 9/30/04, 2004,
- (7) at San Jose
on 10/14, 2004,


 SIGNATURE
Amanda Baer INVENTOR

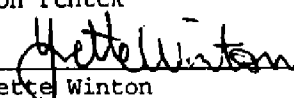
 SIGNATURE
Hamid Balamane INVENTOR

 SIGNATURE
Daniel Bedell INVENTOR

 SIGNATURE
Jyh-Shuey (Jerry) Lo INVENTOR

 SIGNATURE
Vladimir Nikitin INVENTOR

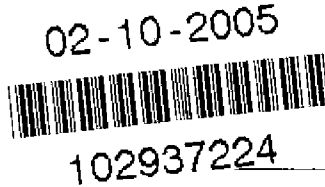
 SIGNATURE
Aron Pentek INVENTOR

 SIGNATURE
Yvette Winton INVENTOR



1/24/05

Record



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US Department Of Commerce
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 Hamid Balamane
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- 2. Name and address of receiving party(ies):
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 Netherlands B.V.
 Street Address:
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 Parnassustoren
 1076 AZ Amsterdam
 The Netherlands

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

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

- 3. Nature of conveyance:
 Assignment
 Execution Date: 09/30/04, 10/15/04, 09/30/04, 09/30/04, 09/30/04, 09/30/04, 10/04/04

- 4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No. (s)
- B. Patent No. (s)

Additional numbers attached? Yes No

- 5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Hitachi Global Storage Technologies
 Internal
 Address: Intellectual Property Law
 Street
 Address: 5600 Cottle Road, Dept. NHGB/014-2,
 San Jose, California 95193
- 6. Total Number of applications and patents involved: **One**
- 7. Total fee (37 CFR 3.41).....\$ **40.00**
 Enclosed
 Authorized to be charged to deposit account
- 8. Deposit Account Number: **50-2587**

- 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.

Name:

1/18/2005

Date:

Total number of pages including cover sheet, attachments, and document: / 2 /

Docket: HJSJ9-2004-0159US1

US Department Of Commerce
Patent & Trademark OfficeASSIGNMENT

Whereas, we

INVENTOR
AND CITY

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TITLE

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DATES THAT
INVENTORS
SIGNED THE


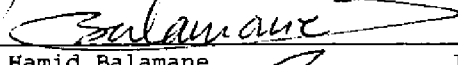
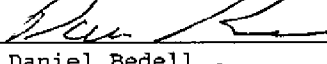
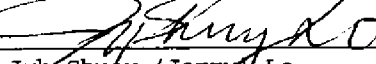
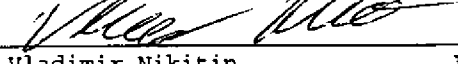
and executed, respectively, a United States patent application therefore on


- (1) 9/30/04
- (2) 10/15/04
- (3) 9/12/04
- (4) 9/30/04
- (5) 9/30/04
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- (7) 10/14/04

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Signed

CITY (1) at San Jose
DATE on 9/30/04, 2004,

Amanda Baer SIGNATURE
INVENTOR
CITY (2) at SAN JOSE
DATE on 10/15/2004, 2004,

Hamid Balamane SIGNATURE
INVENTOR
CITY (3) at San Jose
DATE on 9/30/04, 2004,

Daniel Bedell SIGNATURE
INVENTOR
CITY (4) at San Jose
DATE on 9/30/04, 2004,

Jyh-Shuey (Jerry) Lo SIGNATURE
INVENTOR
CITY (5) at San Jose
DATE on 9/30/04, 2004,

Vladimir Nikitin SIGNATURE
INVENTOR
CITY (6) at San Jose
DATE on 9/30/, 2004,

Aron Pentek SIGNATURE
INVENTOR
CITY (7) at San Jose
DATE on 10/14, 2004,

Yvette Winton SIGNATURE
INVENTOR

PATENT

RECORDED: 11/09/2005

REEL: 016991 FRAME: 0127