

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT                                       |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
|--|--|----------------|------------------------|------------|-----------------------|------------|-------------------|------------|--------------------|------------|---------------------|------------|------------------------|------------|--|
| NATURE OF CONVEYANCE:  | ASSIGNMENT   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| CONVEYING PARTY DATA   |  |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Peter Michael Baumgart</td><td>12/14/2007</td></tr><tr><td>Charles Raymond Davis</td><td>12/14/2007</td></tr><tr><td>Gary Allan Herbst</td><td>12/13/2007</td></tr><tr><td>Bernhard E. Knigge</td><td>12/13/2007</td></tr><tr><td>Charles Mathew Mate</td><td>12/14/2007</td></tr><tr><td>Bruce Alexander Wilson</td><td>12/18/2007</td></tr></tbody></table> | Name   | Execution Date | Peter Michael Baumgart | 12/14/2007 | Charles Raymond Davis | 12/14/2007 | Gary Allan Herbst | 12/13/2007 | Bernhard E. Knigge | 12/13/2007 | Charles Mathew Mate | 12/14/2007 | Bruce Alexander Wilson | 12/18/2007 |  |
| Name   | Execution Date                                       |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Peter Michael Baumgart   | 12/14/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Charles Raymond Davis  | 12/14/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Gary Allan Herbst  | 12/13/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Bernhard E. Knigge   | 12/13/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Charles Mathew Mate  | 12/14/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Bruce Alexander Wilson   | 12/18/2007   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| RECEIVING PARTY DATA   |  |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
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| Street Address:  | Locatellikade 1                                      |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
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| City:  | 1076 AZ Amsterdam                                    |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| State/Country:   | NETHERLANDS  |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| PROPERTY NUMBERS Total: 1  |  |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11965980</td></tr></tbody></table>   | Property Type  | Number         | Application Number:    | 11965980   |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Property Type  | Number   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| Application Number:  | 11965980   |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| CORRESPONDENCE DATA  |  |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
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| Email:   | april@zilkakotab.com                                 |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
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| ATTORNEY DOCKET NUMBER:  | HSJ920070215US1/HIT1P322                             |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |
| NAME OF SUBMITTER:   | Dominic M. Kotab                                     |                |                        |            |                       |            |                   |            |                    |            |                     |            |                        |            |  |

CH \$40.00 11965980

PATENT

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REEL: 020792 FRAME: 0020

**Total Attachments: 3**

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**PATENT**

**REEL: 020792 FRAME: 0021**

## ASSIGNMENT OF PATENT APPLICATION

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

METHOD AND SYSTEM FOR DETECTING A CHANGE IN A ROTATIONAL VELOCITY OF A  
MAGNETIC DISK OR A SPINDLE COUPLED TO THE MAGNETIC DISK

(Atty. Docket No.: HIT1P322/HSJ920070215US1) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Hitachi Global Storage Technologies Netherlands B.V.**, a corporation having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

- 1) Signature: Peter M. Baumgart Date: 12-14-07  
Typed Name: Peter Michael Baumgart
- 2) Signature: Charles R. Davis Date: 12-14-2007  
Typed Name: Charles Raymond Davis
- 3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Gary Allan Herbst

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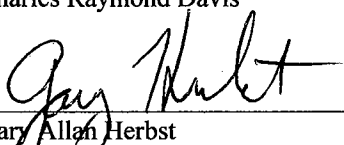
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- 4) Signature: Bernhard E. Knigge Date: 12/13/07  
Typed Name: Bernhard E. Knigge
- 5) Signature: C. Mathew Mate Date: 12/14/07  
Typed Name: Charles Mathew Mate
- 6) Signature: Bruce Alexander Wilson Date: 12-18-2007  
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