

## PATENT ASSIGNMENT

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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>Tomoaki Hamasaki</td> <td>12/16/2011</td> </tr> <tr> <td>Hiroyuki Katada</td> <td>12/16/2011</td> </tr> <tr> <td>Isao Nunokawa</td> <td>12/16/2011</td> </tr> <tr> <td>Kimitoshi Etoh</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Tomoaki Hamasaki	12/16/2011	Hiroyuki Katada	12/16/2011	Isao Nunokawa	12/16/2011	Kimitoshi Etoh	12/16/2011
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<table border="1"> <tr> <td>Name:</td> <td>Hitachi Global Storage Technologies Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Locatellikade 1</td> </tr> <tr> <td>Internal Address:</td> <td>Parnassustoren</td> </tr> <tr> <td>City:</td> <td>1076 AZ Amsterdam</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> </table>		Name:	Hitachi Global Storage Technologies Netherlands B.V.	Street Address:	Locatellikade 1	Internal Address:	Parnassustoren	City:	1076 AZ Amsterdam	State/Country:	NETHERLANDS
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CORRESPONDENCE DATA											
<p>Fax Number: (408)971-4660          Phone: 408-971-2573          Email: april@zilkakotab.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Zilka-Kotab, PC          Address Line 1: P.O. Box 721120          Address Line 4: San Jose, CALIFORNIA 95172</p>											
ATTORNEY DOCKET NUMBER:	HIT1P658/HJP920110002US1										
NAME OF SUBMITTER:	Dominic M. Kotab										
Total Attachments: 2 source=HIT1P658_HJP9-2011-0002US1_SignedAssignment#page1.tif source=HIT1P658_HJP9-2011-0002US1_SignedAssignment#page2.tif											

CH \$40.00 13330570

## 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:

### SHIELD STRUCTURE FOR REDUCING THE MAGNETIC INDUCTION RATE OF THE TRAILING SHIELD AND SYSTEMS THEREOF

(Atty. Docket No.: HIT1P658/HJP920110002US1) 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: 濱崎 智彰 Date: 12/16/2011  
Typed Name: Tomoaki Hamasaki
- 2) Signature: 片岡 裕之 Date: 12/16/2011  
Typed Name: Hiroyuki Katada

- 3) Signature: 伊 野 川 伊 郎 Date: 12/16/2011  
Typed Name: Isao Nunokawa
- 4) Signature: 江 藤 公 俊 Date: 12/16/2011  
Typed Name: Kimitoshi Etoh