

PATENT ASSIGNMENT

Electronic Version v1.1

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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>James Mac Freitag</td><td>09/10/2007</td></tr><tr><td>Hardayal Singh Gill</td><td>09/17/2007</td></tr><tr><td>Yimin Hsu</td><td>09/11/2007</td></tr><tr><td>Yinshi Liu</td><td>09/19/2007</td></tr></tbody></table>	Name	Execution Date	James Mac Freitag	09/10/2007	Hardayal Singh Gill	09/17/2007	Yimin Hsu	09/11/2007	Yinshi Liu	09/19/2007	
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James Mac Freitag	09/10/2007										
Hardayal Singh Gill	09/17/2007										
Yimin Hsu	09/11/2007										
Yinshi Liu	09/19/2007										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11877578</td></tr></tbody></table>	Property Type	Number	Application Number:	11877578							
Property Type	Number										
Application Number:	11877578										
CORRESPONDENCE DATA											
Fax Number:	(408)971-4660										
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ATTORNEY DOCKET NUMBER:	HSJ920040130US2/HIT1P303										
NAME OF SUBMITTER:	Ronald B. Feece										
Total Attachments: 3 source=HIT1P303_signedassign#page1.tif											

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PATENT
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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:

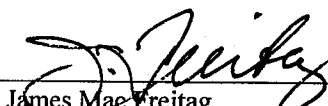
LAMINATED MAGNETIC STRUCTURE FOR USE IN A PERPENDICULAR MAGNETIC WRITE HEAD

(Atty. Docket No.: HIT1P303/HSJ920040130US2) 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:  Date: 9/10/07
Typed Name: James Mae Freitag
- 2) Signature: _____ Date: _____
Typed Name: Hardayal Singh Gill

ASSIGNMENT OF PATENT APPLICATION

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- 1) Signature: _____ Date: _____
Typed Name: James Mac Freitag
- 2) Signature: H.S. Gill Date: 9/17/07
Typed Name: Hardayal Singh Gill

3) Signature: Yimin Hsu
Typed Name: Yimin Hsu

Date: 9-11-07

4) Signature: Yinshi Liu
Typed Name: Yinshi Liu

Date: 9/19/07