

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>Hardayal Singh Gill</td><td>03/28/2008</td></tr><tr><td>Wipul Pemsiri Jayasekara</td><td>03/21/2008</td></tr></tbody></table>		Name	Execution Date	Hardayal Singh Gill	03/28/2008	Wipul Pemsiri Jayasekara	03/21/2008
Name	Execution Date						
Hardayal Singh Gill	03/28/2008						
Wipul Pemsiri Jayasekara	03/21/2008						
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>12060006</td></tr></tbody></table>		Property Type	Number	Application Number:	12060006		
Property Type	Number						
Application Number:	12060006						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Ronald B. Feece						
Total Attachments: 1 source=HIT1P338_signedassign#page1.tif							

CH 12060006 \$40.00

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:

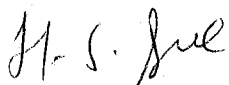
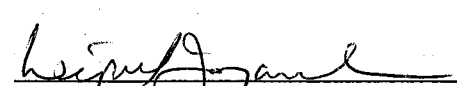
METHOD FOR MANUFACTURING A TUNNEL JUNCTION MAGNETORESISTIVE SENSOR WITH IMPROVED PERFORMANCE AND HAVING A CoFeB FREE LAYER

(Atty. Docket No.: HIT1P338/HSJ920070257US1) 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: 
Typed Name: Hardayal Singh Gill Date: 3/28/08
- 2) Signature: 
Typed Name: Wipul Pemsiri Jayasekara Date: 3/21/2008