

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>Ikuya Tagawa</td> <td>10/30/2012</td> </tr> <tr> <td>Masaomi Ikeda</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ikuya Tagawa	10/30/2012	Masaomi Ikeda	10/29/2012				
Name	Execution Date										
Ikuya Tagawa	10/30/2012										
Masaomi Ikeda	10/29/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>HGST Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Herikerbergweg 238</td> </tr> <tr> <td>Internal Address:</td> <td>Luna ArenA</td> </tr> <tr> <td>City:</td> <td>1101 CM Amsterdam</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> </table>		Name:	HGST Netherlands B.V.	Street Address:	Herikerbergweg 238	Internal Address:	Luna ArenA	City:	1101 CM Amsterdam	State/Country:	NETHERLANDS
Name:	HGST Netherlands B.V.										
Street Address:	Herikerbergweg 238										
Internal Address:	Luna ArenA										
City:	1101 CM 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>13675836</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13675836						
Property Type	Number										
Application Number:	13675836										
CORRESPONDENCE DATA											
<p>Fax Number: 4089714660 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-971-2573 Email: april@zilkakotab.com Correspondent Name: Zilka-Kotab, PC Address Line 1: P.O. Box 721120 Address Line 4: San Jose, CALIFORNIA 95172</p>											
ATTORNEY DOCKET NUMBER:	HIT1P708/HJP920120028US1										
NAME OF SUBMITTER:	Dominic M. Kotab										
<p>Total Attachments: 2 source=HJP920120028US1 Assignment#page1.tif source=HJP920120028US1 Assignment#page2.tif</p>											

CH \$40.00 13675836

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:


WRITE TRACK SHIFT CONTROL IN SHINGLED-MICROWAVE-ASSISTED MAGNETIC RECORDING (MAMR-SMR)

(Atty. Docket No.: HIT1P708/HJP920120028US1) 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 HGST Netherlands B.V., a corporation having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM 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: 10/30/2012
Typed Name: Ikuya Tagawa
- 2) Signature: _____ Date: _____
Typed Name: Masaomi Ikeda

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:

WRITE TRACK SHIFT CONTROL IN SHINGLED-MICROWAVE-ASSISTED MAGNETIC RECORDING (MAMR-SMR)

(Atty. Docket No.: HIT1P708/HJP920120028US1) 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 HGST Netherlands B.V., a corporation having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM 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: _____
Typed Name: Ikuya Tagawa
- 2) Signature: Masaomi Ikeda Date: 10/29/2012
Typed Name: Masaomi Ikeda