

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>SHIWEN HUANG</td> <td>09/19/2013</td> </tr> <tr> <td>FENGLIN LIU</td> <td>10/17/2013</td> </tr> <tr> <td>QIPING ZHONG</td> <td>10/01/2013</td> </tr> <tr> <td>KYUSIK SHIN</td> <td>10/05/2013</td> </tr> <tr> <td>YINGJIAN CHEN</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	SHIWEN HUANG	09/19/2013	FENGLIN LIU	10/17/2013	QIPING ZHONG	10/01/2013	KYUSIK SHIN	10/05/2013	YINGJIAN CHEN	10/23/2013
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<table border="1"> <tr> <td>Name:</td> <td>HGST NETHERLANDS B.V.</td> </tr> <tr> <td>Street Address:</td> <td>HERIKERBERGWEG 238, LUNA ARENA</td> </tr> <tr> <td>City:</td> <td>AMSTERDAM</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>1101 CM</td> </tr> </table>		Name:	HGST NETHERLANDS B.V.	Street Address:	HERIKERBERGWEG 238, LUNA ARENA	City:	AMSTERDAM	State/Country:	NETHERLANDS	Postal Code:	1101 CM		
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Application Number:	13193520												
CORRESPONDENCE DATA													
Fax Number:	(952)697-2631												
Phone:	952.697.2633												
Email:	mmiller@billionarmitage.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	RICHARD E. BILLION												
Address Line 1:	7401 METRO BLVD.												
Address Line 2:	SUITE 425												
Address Line 4:	MINNEAPOLIS, MINNESOTA 55439												
ATTORNEY DOCKET NUMBER:	HSJ920110005US1/1154.20												
NAME OF SUBMITTER:	RICHARD E. BILLION												

CH \$40.00 13193520

Signature:	/Richard E. Billion 32836/
Date:	10/23/2013
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

ASSIGNMENT FOR PATENT APPLICATION

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

METHOD FOR MANUFACTURING WRAPAROUND SHIELD WRITE HEAD USING HARD MASKS

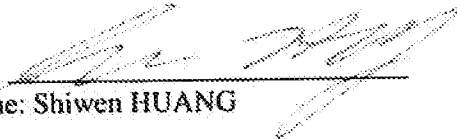
☐ will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Billion & Armitage, who are associated with customer number 117460, to insert here in parenthesis (U.S. Serial No. _____, filed _____) this application's U.S. Serial Number and filing date, when known;

☒ was filed on 28 July 2011 and was given U.S. Serial No. 13/193,520; or

Whereas, **HGST Netherlands B.V.**, having a place of business at **Herikerbergweg 238, Luna Arena, 1101 CM Amsterdam, The Netherlands** (hereinafter referred to as "HGST"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HGST, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HGST, its successors and assigns; and we hereby agree that HGST may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HGST.

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

- | | | |
|----|--|-------------------------|
| 1) | Signature:  | Date: <u>09/19/2013</u> |
| | Typed Name: Shiwen HUANG | |
| 2) | Signature: _____ | Date: _____ |
| | Typed Name: Fenglin LIU | |
| 3) | Signature: _____ | Date: _____ |
| | Typed Name: Qiping ZHONG | |
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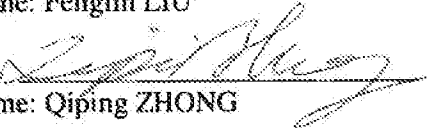
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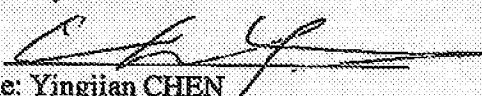
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