

## 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>Guomin MAO</td> <td>05/28/2013</td> </tr> <tr> <td>Hicham Moulay SOUGRATI</td> <td>05/28/2013</td> </tr> <tr> <td>Yi ZHENG</td> <td>05/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Guomin MAO	05/28/2013	Hicham Moulay SOUGRATI	05/28/2013	Yi ZHENG	05/29/2013				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>HGST Netherlands B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Luna Arena</td> </tr> <tr> <td>Internal Address:</td> <td>Herikerbergweg 238</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:	Luna Arena	Internal Address:	Herikerbergweg 238	City:	Amsterdam	State/Country:	NETHERLANDS	Postal Code:	1101 CM
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CORRESPONDENCE DATA													
<p>Fax Number: 7136234846  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7136234844</p> <p>Email: psdocketing@pattersonsheridan.com,        rrathbun@pattersonsheridan.com</p> <p>Correspondent Name: Patterson and Sheridan, LLP</p> <p>Address Line 1: 3040 Post Oak Blvd.</p> <p>Address Line 2: Suite 1500</p> <p>Address Line 4: Houston, TEXAS 77056</p>													
ATTORNEY DOCKET NUMBER:	HSJ920120127US1												
NAME OF SUBMITTER:	Steven H. VerSteeg												

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PATENT  
 REEL: 030527 FRAME: 0832

CH \$40.00 13907617

Signature:	/Steven H. VerSteeg/
Date:	05/31/2013
Total Attachments: 2 source=HSJ920120127US1_Assignment#page1.tif source=HSJ920120127US1_Assignment#page2.tif	

## ASSIGNMENT FOR PATENT APPLICATION

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

### SUPER SHALLOW LAMINATED HARD MASK STENCIL FOR MAGNETIC READ SENSOR FABRICATION

Whereas, **HGST Netherlands B.V.**, having a place of business at Luna ArenA, Herikerbergweg 238, 1101 CM Amsterdam, 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: Guomin Mao Date: 5/28/2013  
Typed Name: Guomin MAO
- 2) Signature: Hicham Moulay Date: 5/28/2013  
Typed Name: Hicham Moulay SOUGRATI
- 3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Yi ZHENG

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- 3) Signature: Yi Zheng Date: 5/29/2013  
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