

## 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>Chando PARK</td> <td>07/31/2013</td> </tr> <tr> <td>Susumu OKAMURA</td> <td>08/01/2013</td> </tr> <tr> <td>Sangmun OH</td> <td>08/26/2013</td> </tr> <tr> <td>James Mac FREITAG</td> <td>08/26/2013</td> </tr> <tr> <td>Zheng GAO</td> <td>08/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Chando PARK	07/31/2013	Susumu OKAMURA	08/01/2013	Sangmun OH	08/26/2013	James Mac FREITAG	08/26/2013	Zheng GAO	08/26/2013
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Zheng GAO	08/26/2013												
RECEIVING PARTY DATA													
Name:	HGST Netherlands B.V.												
Street Address:	Luna ArenA												
Internal Address:	Herikerbergweg 238												
City:	Amsterdam												
State/Country:	NETHERLANDS												
Postal Code:	1101 CM												
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>14012595</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14012595								
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CORRESPONDENCE DATA													
Fax Number:	7136234846												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7136234844												
Email:	psdocketing@pattersonsheridan.com, rrathbun@pattersonsheridan.com												
Correspondent Name:	Patterson and Sheridan, LLP												
Address Line 1:	3040 Post Oak Blvd.												
Address Line 2:	Suite 1500												
Address Line 4:	Houston, TEXAS 77056												
ATTORNEY DOCKET NUMBER:	HSJ920130023US1												

CH \$40.00 14012595

NAME OF SUBMITTER:	Steven H. VerSteeg
Signature:	/Steven H. VerSteeg/
Date:	08/28/2013
<b>Total Attachments: 3</b> source=HSJ920130023US1_Assignment#page1.tif source=HSJ920130023US1_Assignment#page2.tif source=HSJ920130023US1_Assignment#page3.tif	

## ASSIGNMENT FOR PATENT APPLICATION

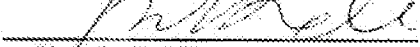
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

### CAPPING MATERIALS FOR MAGNETIC READ HEAD SENSOR

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:  Date: 7/31/13  
Typed Name: Chando PARK
- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Susumu OKAMURA
- 3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Sangmun OH
- 4) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: James Mac FREITAG
- 5) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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