

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3041617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES MAC FREITAG	09/22/2014
ZHENG GAO	09/22/2014
RECEIVING PARTY DATA	
Name:	HGST NETHERLANDS B.V.
Street Address:	Herikerbergweg 238, Luna ArenA
City:	1101 CM AMSTERDAM
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14499218
CORRESPONDENCE DATA	
Fax Number:	(408)717-9155
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	tom.berthold@comcast.net
Correspondent Name:	HGST, A WESTERN DIGITAL COMPANY
Address Line 1:	5600 COTTLE ROAD
Address Line 4:	SAN JOSE, CALIFORNIA 95193
ATTORNEY DOCKET NUMBER:	H20141151US1
NAME OF SUBMITTER:	THOMAS R. BERTHOLD
SIGNATURE:	/Thomas R. Berthold/
DATE SIGNED:	09/28/2014
Total Attachments: 1	
source=H20141151US1_Assignment_Signed#page1.tif	

ASSIGNMENT FOR PATENT APPLICATION

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

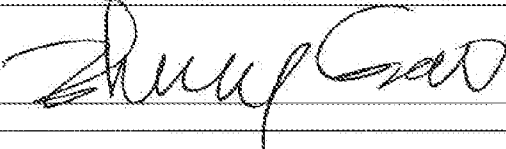
TUNNELING MAGNETORESISTIVE (TMR) DEVICE WITH MgO TUNNELING BARRIER LAYER AND NITROGEN-CONTAINING LAYER FOR MINIMIZATION OF BORON DIFFUSION

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. Full Name	James Mac Freitag
Inventor's Signature	 date 9/22/2014

2. Full Name	Zheng Gao
Inventor's Signature	 date 9/22/2014

3. Full Name	
Inventor's Signature	date

4. Full Name	
Inventor's Signature	date

H20141151US1