PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK DHANDA	08/07/2015
GARY ALLAN HERBST	08/07/2015
TOSHIKI HIRANO	08/05/2015
TETSUO SEMBA	08/13/2015

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:	14834683

CORRESPONDENCE DATA

Fax Number: (408)717-9155

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.

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Correspondent Name: HGST, A WESTERN DIGITAL COMPANY

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ATTORNEY DOCKET NUMBER:	H20151058US1
NAME OF SUBMITTER:	THOMAS R. BERTHOLD
SIGNATURE:	/Thomas R. Berthold/
DATE SIGNED:	08/25/2015

Total Attachments: 2

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PATENT REEL: 036412 FRAME: 0480 503450558

ASSIGNMENT FOR PATENT APPLICATION

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

TWO-DIMENSIONAL MAGNETIC RECORDING (TDMR) DISK DRIVE WITH VARYING SERVO TRACK PITCH

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	Abhishek Dhanda	
Inventor's Signature		date ひまって) い
2. Full Name	Gary Allan Herbst	
Inventor's Signature		date
3. Full Name	Toshiki Hirano	
Inventor's Signature	Toll Commen	date \$15/2415
4. Full Name	Tetsuo Semba	
Inventor's Signature		date 8//3/20/5
H20151058US1		

PATENT REEL: 036412 FRAME: 0481

ASSIGNMENT FOR PATENT APPLICATION

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

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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	Abhishek Dhanda	
Inventor's Signature		date
2. Full Name	Gary Allan Herbst	······
Inventor's Signature	gung allan Wicht	date 8-7-15
3. Full Name	Poshiki Hirano	
Inventor's Signature		date
4. Full Name	Tetsuo Semba	
Inventor's Signature		date
H20151058US1		

PATENT REEL: 036412 FRAME: 0482

RECORDED: 08/25/2015