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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES TERRENCE OLSON	04/18/2016
HIROYUKI HOSHIYA	04/21/2016
MIKITO SUGIYAMA	04/24/2016
ALEXANDER GONCHAROV	04/25/2016
MASATO SHIIMOTO	04/21/2016

RECEIVING PARTY DATA

Name:	HGST NETHERLANDS B.V.
Street Address:	HERIKERBERGWEG 238
Internal Address:	LUNA ARENA
City:	AMSTERDAM
State/Country:	NETHERLANDS
Postal Code:	1101 CM

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16440922

CORRESPONDENCE DATA

Fax Number:

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krista@jacobseniplaw.com Email: JACOBSEN IP LAW - WD **Correspondent Name:** 1999 S. BASCOM AVE. Address Line 1:

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Address Line 4: CAMPBELL, CALIFORNIA 95008

ATTORNEY DOCKET NUMBER:	H20161032US3
NAME OF SUBMITTER:	KRISTA S. JACOBSEN
SIGNATURE:	/Krista S. Jacobsen/
DATE SIGNED:	06/13/2019

PATENT REEL: 049465 FRAME: 0238

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Total Attachments: 4 source=H20161032US1_Executed_Assignment#page1.tif source=H20161032US1_Executed_Assignment#page2.tif

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PATENT REEL: 049465 FRAME: 0239

Whereas, we the undersigned inventors have invented certain improvements as set forth in the patent application entitled:

MAGNETIC WRITE HEAD FOR PROVIDING SPIN-TORQUE-ASSISTED WRITE FIELD ENHANCEMENT

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, 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 our signatures.

HGST Docket Number H20161032US1

Page 1 of 1

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Signed on the date(s) indicated beside our signatures.

I)	Signature: Typed Name:	James Terrence Olson	Date	
1)	Signature Typed Name	Mazzaka Madaga Hiroyuki Hoshiya	Date	
1)	Signature Typed Name:	Alexander Genicharov	Date	
1 }	Signature Typed Name	Masato Shqmoto	Date	
()	Signature Typed Name	12-12-12-13-14-14-14-14-14-14-14-14-14-14-14-14-14-	Date:	

PATENT REEL: 049465 FRAME: 0241

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1)	Signature: Typed Name: James Terrence Olson	Date:
1)	Signature: Typed Name: Hiroyuki Hoshiya	Date:
	Signature: May — — — — — — — — — — — — — — — — — — —	Date: <u>04/25/20/6</u>
1)	Signature: Typed Name: Masato Shiimoto	Date:
1)	Signature: Typed Name: Mikito Sugiyama	Date:

HGST Docket Number H20161032US1

PATENTPage Toff

REEL: 049465 FRAME: 0242

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1)	Signature; Typed Name; James Terrence Olson	Date:	•••••
1)	Signature: Typed Name: Hiroyuki Hoshiya	Date:	
I)	Signature: Typed Name: Alexander Goncharov	Date:	200000000
1)	Signature: //www.Signature: //www.Shiimoto	Dale: 4/21/8016	1
1)	Signature: Typed Name: Mikito Sugiyama	Date:	******

PATENT REEL: 049465 FRAME! 0243

HGST Docket Number 1120161032US1 RECORDED: 06/13/2019