PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUN TONOOKA	07/28/2016
MASAYOSHI SHIMIZU	07/31/2016
MAKI MAEDA	07/25/2016
KIWAMU TANAHASHI	07/25/2016

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:	15226830	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	HIT1P861/H20161067US1
NAME OF SUBMITTER:	RONALD B. FEECE
SIGNATURE:	/Ronald B. Feece/
DATE SIGNED:	08/04/2016

Total Attachments: 3

PATENT REEL: 039344 FRAME: 0847 source=HIT1P861_H20161067US1_SignedAssignment#page1.tif source=HIT1P861_H20161067US1_SignedAssignment#page2.tif source=HIT1P861_H20161067US1_SignedAssignment#page3.tif

> PATENT REEL: 039344 FRAME: 0848

ASSIGNMENT OF PATENT APPLICATION

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

PERPENDICULAR MAGNETIC RECORDING MEDIA HAVING AN EXTREMELY LOW HK LAYER

(Attorney Docket No.: HIT1P861/H20161067US1) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to <u>HGST Netherlands B.V.</u>, a Dutch Corporation having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, NETHERLANDS, (hereinafter referred to as "ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventors, as well as the inventors' heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

1)	Signature: Typed Name:	Shum Tonocka Shun Tonocka	Date:	2018/17/28
2)	Signature: Typed Name:	Masayoshi Shimizu	Date:	***************************************

Page 1 of 2

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- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

1)	Signature:			Date:	
	Typed Name:	Shun Tonooka	***************************************		
2)	Signature:	Massyoth (Ministr.	Date:	7/31/2=16
	Typed Name:	Masayoshi Shimizu	1		**************************************

Page 1 of 2

Attorney Docket No. HIT1P861/H20161067US1

3) Signature: Date: 7/25/20/6

Typed Name: Maki Maeda

Signature: 4) Typed Name: Kiwamu Tanahashi

Kineme Tanahashi

Date: 7/25/2016

Page 2 of 2