

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YONGPING GONG	03/11/2013
PHUWANAI BUNNAK	03/10/2013
KAH CHOONG LOO	05/11/2015
KRISDA SIANGCHAEW	03/11/2013
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13797069
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ATTORNEY DOCKET NUMBER:	T6299
NAME OF SUBMITTER:	PAULETTE HALILI
SIGNATURE:	/Paulette Halili/
DATE SIGNED:	05/11/2015
Total Attachments: 5	
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ASSIGNMENT

Whereas, we, **YONGPING GONG**, a citizen of the United States of America, residing at **Pakkret, Thailand**; **PHUWANAI BUNNAK**, a citizen of Thailand, residing at **Ladsawai, Lumlookka, Thailand**; **KAH CHOONG LOO**, a citizen of Malaysia, residing at **Pakkret, Thailand**; and **KRISDA SIANGCHAEW**, a citizen of Thailand, residing at **Muang, Thailand**, have invented certain new and useful improvements in **SYSTEMS AND METHODS FOR TUNING SEED LAYER HARDNESS IN COMPONENTS OF MAGNETIC RECORDING SYSTEMS** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **March 12, 2013**, Application No. **13/797,069** (hereafter "Application"); and

Whereas, **Western Digital Technologies, Inc.** (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

ASSIGNMENT

PATENT
Atty. Docket No.: T6299

Title of Invention: **SYSTEMS AND METHODS FOR TUNING SEED LAYER HARDNESS IN COMPONENTS OF MAGNETIC RECORDING SYSTEMS**



YONGPING GONG

Mar. 11, 2013
Date

Witnessed by:

SAMEERA KODAGODA
Type/Print 1st Witness Name



1st Witness Signature

Mar 11 2013
Date

Naphakate Amarat
Type/Print 2nd Witness Name



2nd Witness Signature

Mar 11, 2013
Date

ASSIGNMENT

PATENT
Atty. Docket No.: T6299

Title of Invention: **SYSTEMS AND METHODS FOR TUNING SEED LAYER HARDNESS IN COMPONENTS OF MAGNETIC RECORDING SYSTEMS**

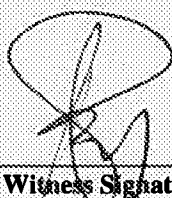


PHUWANAI BUNNAK

10-MAR-13
Date

Witnessed by:

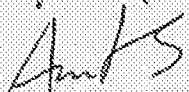
MANAS JINGPHO
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1st Witness Signature

10-MAR-13
Date

ANIWAT SUWANNAPRUK
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2nd Witness Signature

10-MAR-13
Date

ASSIGNMENT

PATENT
Atty. Docket No.: T6299

Title of Invention: **SYSTEMS AND METHODS FOR TUNING SEED LAYER HARDNESS IN COMPONENTS OF MAGNETIC RECORDING SYSTEMS**



KAH CHOONG LOO

5/11/2015
Date

Witnessed by:

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Type/Print 1st Witness Name

Sunee O.
1st Witness Signature

5/11/2015
Date

Rapahhanana Swasri
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Rapahhanana S.
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5/11/2015
Date

ASSIGNMENT

PATENT
Atty. Docket No.: T6299

Title of Invention: **SYSTEMS AND METHODS FOR TUNING SEED LAYER HARDNESS IN COMPONENTS OF MAGNETIC RECORDING SYSTEMS**

K. Siangchae
KRISDA SIANGCHAEW

MAR 11, 2013
Date

Witnessed by:

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Chayd W. S.
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MAR 11, 2013
Date

Nattapong Khamvathong
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2nd Witness Signature

MAR 11, 2013
Date