

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6052301

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QUANG LE	03/24/2020
JIH-SHIUAN LUO	03/30/2020
THAO A. NGUYEN	03/27/2020
KUOK SAN HO	04/08/2020
RECEIVING PARTY DATA	
Name:	WESTERN DIGITAL TECHNOLOGIES, INC.
Street Address:	5601 GREAT OAKS PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95119
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16831728
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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>	
Phone:	7136234844
Email:	mcorona@pattersonsheridan.com
Correspondent Name:	STEVEN H. VERSTEEG
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 2:	PATTERSON + SHERIDAN LLP
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	WESD/0374US (WDA-4664-US)
NAME OF SUBMITTER:	STEVEN H. VERSTEEG
SIGNATURE:	/Steven H. VerSteeG; Reg. No. 58,087/
DATE SIGNED:	04/08/2020
Total Attachments: 4	
source=WESD0374US_Assignment_2020-04-08#page1.tif	
source=WESD0374US_Assignment_2020-04-08#page2.tif	

source=WESD0374US_Assignment_2020-04-08#page3.tif

source=WESD0374US_Assignment_2020-04-08#page4.tif

ASSIGNMENT FOR PATENT APPLICATION

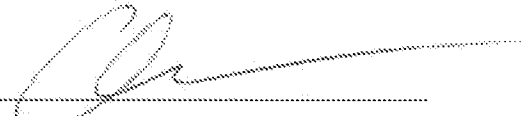
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

Optimized Dual Thermal Fly-Height Design For Dual Writers For Advanced Magnetic Recording

Whereas, **Western Digital Technologies, Inc.**, having a place of business at, 5601 Great Oaks Parkway, San Jose, California 95119, (hereinafter referred to as "WDT"), 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 WDT, 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 WDT, its successors and assigns; and we hereby agree that WDT 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 WDT.

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

- 1) Signature:  Date: 3/24/20
Typed Name: Quang LE
- 2) Signature: _____ Date: _____
Typed Name: Jih-shiuan LUO
- 3) Signature: _____ Date: _____
Typed Name: Thao A. NGUYEN
- 4) Signature: _____ Date: _____
Typed Name: Kuok San HO

ASSIGNMENT FOR PATENT APPLICATION

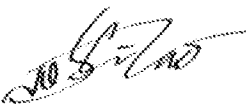
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

Optimized Dual Thermal Fly-Height Design For Dual Writers For Advanced Magnetic Recording

Whereas, **Western Digital Technologies, Inc.**, having a place of business at, 5601 Great Oaks Parkway, San Jose, California 95119, (hereinafter referred to as "WDT"), 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 WDT, 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 WDT, its successors and assigns; and we hereby agree that WDT 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 WDT.

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

- 1) Signature: _____ Date: _____
Typed Name: Quang LE
- 2) Signature:  _____ Date: 3/30/2020 _____
Typed Name: Jih-shiuan LUO
- 3) Signature: _____ Date: _____
Typed Name: Thao A. NGUYEN
- 4) Signature: _____ Date: _____
Typed Name: Kuok San HO

ASSIGNMENT FOR PATENT APPLICATION

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

Optimized Dual Thermal Fly-Height Design For Dual Writers For Advanced Magnetic Recording

Whereas, Western Digital Technologies, Inc., having a place of business at, 5601 Great Oaks Parkway, San Jose, California 95119, (hereinafter referred to as "WDT"), 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 WDT, 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 WDT, its successors and assigns; and we hereby agree that WDT 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 WDT.

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

- 1) Signature: _____ Date: _____
Typed Name: Quang LE
- 2) Signature: _____ Date: _____
Typed Name: Jih-shuan LUO
- 3) Signature: Thao A. Nguyen Date: 3/27/2020
Typed Name: Thao A. NGUYEN
- 4) Signature: _____ Date: _____
Typed Name: Kuok San HO

ASSIGNMENT FOR PATENT APPLICATION

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

Optimized Dual Thermal Fly-Height Design For Dual Writers For Advanced Magnetic Recording

Whereas, **Western Digital Technologies, Inc.**, having a place of business at, 5601 Great Oaks Parkway, San Jose, California 95119, (hereinafter referred to as "WDT"), 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 WDT, 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 WDT, its successors and assigns; and we hereby agree that WDT 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 WDT.

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

1) Signature: _____ Date: _____

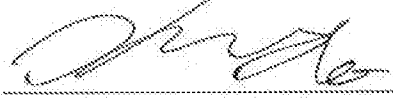
Typed Name: Quang LE

2) Signature: _____ Date: _____

Typed Name: Jih-shiuan LUO

3) Signature: _____ Date: _____

Typed Name: Thao A. NGUYEN

4) Signature:  _____ Date: 04/08/2020

Typed Name: Kuok San HO