502264536 03/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUANGMING LU	03/12/2013

RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.		
Street Address:	3355 MICHELSON DRIVE, SUITE 100		
City:	IRVINE		
State/Country:	CALIFORNIA		
Postal Code:	92612		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13797923

CORRESPONDENCE DATA

Fax Number: 9496726604

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 949-672-6148

Email: kristen.truong@wdc.com
Correspondent Name: WESTERN DIGITAL

Address Line 1: ATTN: IP LAW DEPARTMENT

Address Line 2: 3355 MICHELSON DRIVE, SUITE 100

Address Line 4: IRVINE, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER: T6158

NAME OF SUBMITTER: Kristen Truong

Total Attachments: 1

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PATENT REEL: 029978 FRAME: 0197 TCH \$40.00 137979

ASSIGNMENT

Whereas, I, GUANGMING LU, a citizen of China, residing at Irvine, California, have invented certain new and useful improvements in SOFT-DECISION INPUT GENERATION FOR DATA STORAGE SYSTEMS (hereafter "Improvements") for which I have executed an application for a United States Patent filed on HEREWITH, Application No. UNKNOWN (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, I, the inventor, do hereby acknowledge that I 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 I 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.

I hereby covenant and agree that I 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.

		Carymil	03/12/2013
m, open som		guan gmi ng lu	Date
State of California)) ss.		
County of)		
	٠	s	

On <u>March 12 2013</u>, before me, <u>March 12 Collinar</u>, Notary Public, personally appeared GUANGMING LU who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Dente L. Leman
Signature of Notary Public

AMMETTE L GERMAN
Commission # 1899542
Notery Public - Carlonnia
Grange County
By Comm. Explices Oct 5, 2018

PATENT REEL: 029978 FRAME: 0198

RECORDED: 03/12/2013