502501106 09/18/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PART	Y DATA					
		Execution Date				
CHRISTOPHER J.	09/18/2013					
RECEIVING PARTY	Y DATA					
Name:	WESTERN D	WESTERN DIGITAL TECHNOLOGIES, INC.				
Street Address:	3355 MICHEI	3355 MICHELSON DRIVE, SUITE 100				
City:	IRVINE	IRVINE				
State/Country:	CALIFORNIA	CALIFORNIA				
Postal Code:	92612					
PROPERTY NUMB	ERS Total: 1					
Property Type		Number				
Application Number:		14030991				
CORRESPONDENC	CE DATA					
Fax Number:	9496720	6604				
Correspondence with	ill he sent via LIS II.	Aail when	n the fax attemnt is unsuccessful			

949-672-7405 Phone:

Email: wendy.bobella@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:	T6637
NAME OF SUBMITTER:	Wendy Bobella
Signature:	/Wendy Bobella/
Date:	09/18/2013

Total Attachments: 1

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PATENT REEL: 031236 FRAME: 0172

ASSIGNMENT

Whereas, I, CHRISTOPHER J. REED, a citizen of the United States of America, residing at Boulder, Colorado, have invented certain new and useful improvements in DATA TRANSMISSION FROM DATA STORAGE DEVICE (hereafter "Improvements") for which I have executed an application for a United States Patent filed on HEREWITH, Application No. UNKNOWN and a provisional application for a United States Patent filed July 29, 2013, Application No. 61/859,463 (hereafter "Applications"); 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 Applications.

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 Applications and all divisions, renewals and continuations thereof, and all applications claiming priority to the Applications, 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.

County of Coulder) ss.

On 9/18 13 before me Jales Horse Month Notary Public, personally appeared CHRISTOPHER J. REED 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 Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signatures.

Signature of Notacy Pub Jaleen Hooper Notary Public State of Colorado

My Commision Expires 07/29/2014

PATENT REEL: 031236 FRAME: 0173

RECORDED: 09/18/2013