### 502549684 10/29/2013

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WAYNE H. VINSON	09/20/2011
EDWIN S. OLDS	09/19/2011

## RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.
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City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92612

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14065354

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ATTORNEY DOCKET NUMBER:	T5438.C1
NAME OF SUBMITTER:	LEWANA STOUDEMIRE
Signature:	/Lewana Stoudemire/
Date:	10/29/2013

## Total Attachments: 3

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PATENT

REEL: 031500 FRAME: 0446

Atty. Docket No.: T5438

#### ASSIGNMENT

Whereas, we, WAYNE H. VINSON, a citizen of the United States of America, residing at Longmont, Colorado; and EDWIN S. OLDS a citizen of the United States of America, residing at Fort Collins, Colorado, have invented certain new and useful improvements in SCHEDULING COMMANDS IN A DEPENDENT ARRAY OF DISK DRIVES (hereafter "Improvements") for which we have executed an application for a United States Patent filed 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, 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.

Atty. Docket No.: T5438

Title of Invention: SCHEDUL DRIVES	ING COMMANDS IN	A DEPENDENT ARRAY	OF DISK
Wayne H. Vinson	<u>9-2</u> Date	0-2011	
State of Colorado )			
County of Boulder ) ss.			
On 9/20/1/, before mappeared WAYNE H. VINSON whose name(s) is/are subhe/she/they executed the same in signature(s) on the instrument the pexecuted the instrument.  I certify under PENALTY OF PERJ	ho proved to me on the oscribed to the within in his/her/their authorized person(s), or the entity up	nstrument and acknowledged capacity(ies), and that by pon behalf of which the pers	to me that his/her/their son(s) acted,
paragraph is true and correct.		and state of Colorado that the	ic foregoing
WITNESS my hand and official seal.  Signature:  Signature of Notary Publ	Del lie		
Jaleen Hooper Notary Public State of Colorado	,		
My Commision Expires 07/29	/2014	<i>ږ ځ</i>	

	DRIVES  THE OF INVENTION: SCHEDULING COMMANDS IN A DEPENDENT ARRAY OF DISK
~	50 50 9/19/201( EDWIN S. OLDS Date
	State of California ) ss.  County of Olade )  On A Left 201/, before me, A Modern Medical Market Mar
	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:  Signature of Notary Public  RHONDA H. STOUT Commission # 1936391 Notary Public - California Orange County My Comm. Expires Jun 10, 2015