PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZAIHAS AMRI FAHDZAN HASFAR	07/03/2014
CHOO-BHIN ONG	07/08/2014

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: 2

Property Type	Number	
Application Number:	14105696	
Application Number:	61897038	

CORRESPONDENCE DATA

Fax Number: (949)672-6604

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Email: tiffany.chang@wdc.com **WESTERN DIGITAL Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	T6928
NAME OF SUBMITTER:	TIFFANY CHANG
SIGNATURE:	/Tiffany Chang/
DATE SIGNED:	07/17/2014

Total Attachments: 3

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> **PATENT REEL: 033332 FRAME: 0260** 502895829

Atty, Docket No.: T6928

ASSIGNMENT

Whereas, we, ZAIHAS AMRI FAHDZAN HASFAR, a citizen of Malaysia, residing at Bata Caves, Malaysia; and CHOO-BHIN ONG, a citizen of Malaysia, residing at Foothill Ranch, California, have invented certain new and useful improvements in DATA STORAGE DEVICE STARTUP (hereafter "Improvements") for which we have executed an application for a United States Patent filed December 13, 2013, Application No. 14/105,696 and a provisional application for a United States Patent filed October 29, 2013, Application No. 61/897,038 (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.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to us 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.

PATENT

Atty. Docket No.: T6928

Type/Print I" Witness Name I" Witness Signature Date ON LIANS YEET O3 JULY 2	Type/Print 2 nd Witness Name	2 nd Witness Signature	Date
Witnessed by: Children to the first to the		<u></u>	03 JULY 2014
Witnessed by: CHARA CHEESE HAVE Date CHARA CHEESE HAVE DATE	Type/Print I" Witness Name	1st Witness Signature	Date
ZAIHAS AMRI FAHDZAN HASFAR Date			05 NAM 2016
ZAIHAS AMRI FAHDZAN HASFAR Date	The acceptance of the second s		
	Witnessed by		
03 JUNE 2014	ZAIHAS AMRI FAHDZAN HASFAR	Date	

REEL: 033332 FRAME: 0262

RECORDED: 07/17/2014

PATENT

Atty. Docket No.: T6928

Title of Invention: DATA STORAGE DEVICE STARTUP
CHOO'BHINONG Date / 2014
State of California) State of California) Ss. County of Orange) On
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 foregoin paragraph is true and correct.
WITNESS my hand and official seal.
Signature: Signature of Notary Public Wendy Bobella Commission # 2050040 Notary Public - California Orange County My Comm. Expires Nov 24, 2017