

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5050414

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINGFENG YUAN	07/12/2018
JEFFREY LEE WHALEY	07/13/2018
XIAOHENG CHEN	07/12/2018
WEI WANG	07/11/2018
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:	16035521
CORRESPONDENCE DATA	
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Address Line 1:	305 NORTH SECOND AVE., #127
Address Line 4:	UPLAND, CALIFORNIA 91786-6064
ATTORNEY DOCKET NUMBER:	WDT-1254 (WDA-3677-US)
NAME OF SUBMITTER:	GABRIEL FITCH
SIGNATURE:	/gabriel fitch/
DATE SIGNED:	07/13/2018
Total Attachments: 5	
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ASSIGNMENT

Whereas, we, **Jingfeng Yuan**, residing at Livermore, CA; **Jeffrey Lee Whaley**, residing at San Jose, CA; **Xiaoheng Chen**, residing at Dublin, CA; and **Wei Wang**, residing at Dublin, CA have invented certain new and useful improvements in **METHOD AND APPARATUS FOR ADAPTIVE DATA RETENTION MANAGEMENT IN NON-VOLATILE MEMORY** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **July 13, 2018**, Application No. **16/035,521** (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 provisionals, 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 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.

This agreement shall be deemed to have been executed and delivered within the State of California, and the rights and obligations of the parties hereunder shall be construed and enforced in accordance with, and governed by, the laws of the State of California without regard to any principles of conflict of laws that would result in the application of the laws of any other jurisdiction. In the event a judicial proceeding is necessary, the exclusive forums for resolving disputes arising under or relating to this agreement shall be the state and federal courts located within the County of Orange, California, and all related appellate courts and the parties hereby consent to the exclusive jurisdiction of such courts, and hereby waive any and all objections based on venue or forum non conveniens.

Title of Invention: **METHOD AND APPARATUS FOR ADAPTIVE DATA RETENTION
MANAGEMENT IN NON-VOLATILE MEMORY**

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The parties agree that this agreement may be electronically signed. The parties agree that the electronic signatures appearing on this agreement are the same as handwritten signatures for the purposes of validity, enforceability and admissibility.

 Date: 07/12/2018
Jingfeng Yuan

_____ Date: _____
Jeffrey Lee Whaley

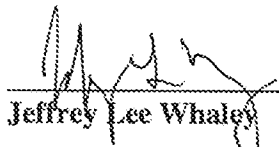
_____ Date: _____
Xiaoheng Chen

_____ Date: _____
Wei Wang

Title of Invention: **METHOD AND APPARATUS FOR ADAPTIVE DATA RETENTION MANAGEMENT IN NON-VOLATILE MEMORY**

.....
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_____ Date: _____
Jingfeng Yuan


_____ Date: 7/13/18
Jeffrey Lee Whaley

_____ Date: _____
Xiaoheng Chen


_____ Date: _____
Wei Wang

Title of Invention: **METHOD AND APPARATUS FOR ADAPTIVE DATA RETENTION MANAGEMENT IN NON-VOLATILE MEMORY**

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Jingfeng Yuan

_____ Date: _____
Jeffrey Lee Whaley


_____ Date: 07/12/2018
Xiaoheng Chen

_____ Date: _____
Wei Wang

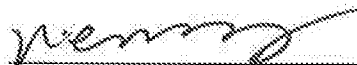
Title of Invention: **METHOD AND APPARATUS FOR ADAPTIVE DATA RETENTION
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Date: _____
Jingfeng Yuan

Date: _____
Jeffrey Lee Whaley

Date: _____
Xiaoheng Chen


Date: 7/11/2018
Wei Wang