PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert L. Horn	09/17/2010

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:	13167032

CORRESPONDENCE DATA

Fax Number: (949)672-6604

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

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Address Line 2:   3355 MICHELSON DRIVE, SUITE 100
Address Line 4:   IRVINE, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER:	T4461
NAME OF SUBMITTER:	Angela Wendel

Total Attachments: 1
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CH $40.00   13167032

ASSIGNMENT

Whereas, I, **ROBERT L. HORN**, a citizen of **the United States of America**, residing at **Yorba Linda, California**, have invented certain new and useful improvements in **BACKGROUND SELECTION OF VOLTAGE REFERENCE VALUES FOR PERFORMING MEMORY READ OPERATIONS** (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.
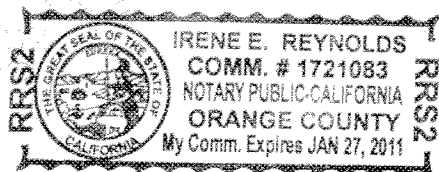
Robert L. Horn   9/17/10

ROBERT L. HORN   Date

State of California   )
) ss.
County of Orange   )

On _Sept. 17, 2010_, before me, Irene E. Reynolds, Notary Public, personally appeared **ROBERT L. HORN** who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

IRENE E. REYNOLDS
COMM. # 1721083
NOTARY PUBLIC-CALIFORNIA
ORANGE COUNTY
My Comm. Expires JAN 27, 2011

Notary Public