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10-15-2003

Form PTO-1595
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

WILLIAM B. BOYLE
ROBERT H. KREBS, JR.

2. Name and address of receiving party(ies)

Name: WESTERN DIGITAL TECHNOLOGIES, INC.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST State: CA Zip: 92630

Execution Date: 09-29-03

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 09-29-03

A. Patent Application No.(s) Unknown

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WON TAE C. KIM, REG. 40,457

Internal Address: _____

WESTERN DIGITAL TECHNOLOGIES, INC.

INTELLECTUAL PROPERTY DEPT. - C2

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST State: CA Zip: 92630

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

23-1209

DO NOT USE THIS SPACE

9. Signature.

WON TAE C. KIM, REG. 40,457

Name of Person Signing

W. Chirle

Signature

9/29/03

Date

Total number of pages including cover sheet, attachments, and documents: 3

10/14/2003 ECOOPER 00000108 231209

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 014577 FRAME: 0019

ASSIGNMENT

Whereas, I, WILLIAM B. BOYLE, a United States citizen, residing at Lake Forest, California, have invented certain new and useful improvements in REDUCING MICRO-CONTROLLER ACCESS TIME TO DATA STORED IN A REMOTE MEMORY IN A DISK DRIVE CONTROL SYSTEM (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, in consideration of One Dollar (\$1.00), and other 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.

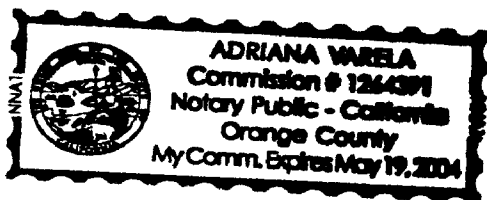
William B. Boyle 9/29/03
WILLIAM B. BOYLE Date

State of California)
) ss.
County of Orange)

On 9-29-03, before me, Adriana Varela, Notary Public, personally appeared WILLIAM B. BOYLE and 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Adriana Varela
Notary Public



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ASSIGNMENT

Whereas, I, ROBERT H. KREBS, JR., a United States citizen, residing at San Juan Capistrano, California, have invented certain new and useful improvements in REDUCING MICRO-CONTROLLER ACCESS TIME TO DATA STORED IN A REMOTE MEMORY IN A DISK DRIVE CONTROL SYSTEM (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, in consideration of One Dollar (\$1.00), and other 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.

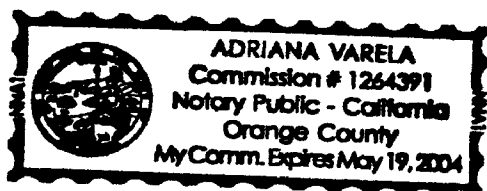
Robert H. Krebs, Jr. 9/29/03
ROBERT H. KREBS, JR. Date

State of California)
) ss.
County of Orange)

On 9/29/03, before me, Adriana Varela, Notary Public, personally appeared ROBERT H. KREBS, JR. and 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 executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

Adriana Varela
Notary Public



Y:\K35A\A1200-A1299\A1281\FORM\KREBS_WDT Assignment.rtf