

05-08-2000

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



ATTORNEY DOCKET NO.  
K35A0596

101349536  
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4.19.00

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**Submission Type**

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
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☐ Departmental File ☐ Secret File

U.S. PTO  
09/552404  
64-19/00

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached  
Name (line 1)  VIRGIL V. WILKINS  
Name (line 2)   
Execution Date  
Month Day Year  
04-19-2000

**Second Party**

Name (line 1)  RALPH H. CASTRO  
Name (line 2)   
Execution Date  
Month Day Year  
04-18-2000

**Receiving Party**

☐ Mark if additional names of receiving parties attached  
☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)  WESTERN DIGITAL CORPORATION  
Name (line 2)   
Address (line 1)  8105 IRVINE CENTER DRIVE  
Address (line 2)  PLAZA 3  
Address (line 3)  IRVINE  CALIFORNIA  92618  
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name   
Address (line 1)   
Address (line 2)   
Address (line 3)   
Address (line 4)

05/08/2000 DNGUYEN 00000221 231209 09552404

01 FC:581

40.00 CH

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 010755 FRAME: 0409**

**Correspondent Name and Address**

Area Code and Telephone Number (949) 932-5000

Name WESTERN DIGITAL CORPORATION

Address (line 1) 8105 IRVINE CENTER DRIVE

Address (line 2) PLAZA 3

Address (line 3) IRVINE, CALIFORNIA 92618 U.S.A.

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 3

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
04-19-2000

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 23-1209

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Milad G. Shara, Esq. Reg. 39,367

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**  
K35A0596

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) TSUN Y. NG

Execution Date  
Month Day Year

04-19-2000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**



**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
K35A0596

Whereas, I, VIRGIL V. WILKINS of WESTERN DIGITAL CORPORATION, hereafter referred to as applicant, have invented certain new and useful improvements in TAG MEMORY DISK CACHE ARCHITECTURE

☐ for which an application for a United States Patent was filed on \_\_\_\_\_, Application Number \_\_\_\_\_ / \_\_\_\_\_.

☒ for which an application for a United States Patent was executed on 4-19-00, and

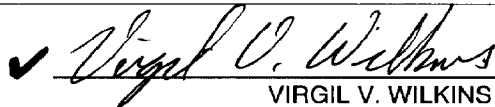
Whereas, WESTERN DIGITAL CORPORATION of Irvine, California herein referred to "assignee" whose post office address is 8105 Irvine Center Dr., Irvine, CA 92618 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

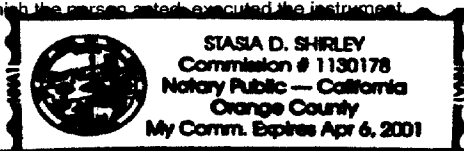
Executed this 19TH day of APRIL, 2000,  
at IRVINE, CALIFORNIA

State of CALIFORNIA  
County of ORANGE

)  
) SS:

  
VIRGIL V. WILKINS

On this 19th day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared VIRGIL V. WILKINS, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) 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 acted, executed the instrument.



  
(Notary Public)

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Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

**PATENT**  
**REEL: 010755 FRAME: 0412**

## ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0596

Whereas, I, RALPH H. CASTRO of WESTERN DIGITAL CORPORATION, hereafter referred to as applicant, have invented certain new and useful improvements in TAG MEMORY DISK CACHE ARCHITECTURE

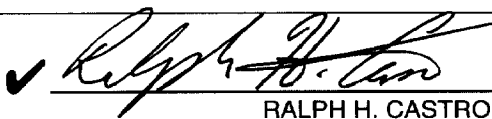
- ☐ for which an application for a United States Patent was filed on \_\_\_\_\_, Application Number \_\_\_\_\_ / \_\_\_\_\_.
- ☒ for which an application for a United States Patent was executed on 4-18-00, and

Whereas, WESTERN DIGITAL CORPORATION of Irvine, California herein referred to "assignee" whose post office address is 8105 Irvine Center Dr., Irvine, CA 92618 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

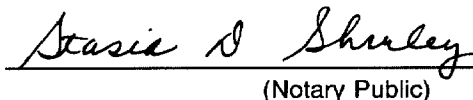
Executed this 18th day of April, 2000,  
at IRVINE, CALIFORNIA

State of CALIFORNIA )  
County of ORANGE ) SS:

  
RALPH H. CASTRO

On this 18th day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared RALPH H. CASTRO, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) 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.



  
(Notary Public)

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## ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0596

Whereas, I, TSUN Y. NG of WESTERN DIGITAL CORPORATION, hereafter referred to as applicant, have invented certain new and useful improvements in TAG RAM DISK CACHE  
TAG MEMORY DISK CACHE ARCHITECTURE

☐ for which an application for a United States Patent was filed on \_\_\_\_\_,  
Application Number \_\_\_\_\_/\_\_\_\_\_.

☒ for which an application for a United States Patent was executed on 4-19-00, and

Whereas, WESTERN DIGITAL CORPORATION of Irvine, California herein referred to "assignee" whose post office address is 8105 Irvine Center Dr., Irvine, CA 92618 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 19TH day of APRIL, 2000,  
at IRVINE, CALIFORNIA

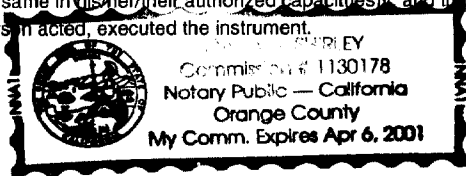
State of CALIFORNIA  
County of ORANGE

)  
) SS:



TSUN Y. NG

On this 19th day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared TSUN Y. NG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) 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 acted, executed the instrument.



Stasia D. Shirley  
(Notary Public)

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RECORDED: 04/19/2000

PATENT  
REEL: 010755 FRAME: 0414