

03-26-2001



101647109

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



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K35A0678

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- ☐ Correction of PTO Error  
Reel #  Frame #
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Reel #  Frame #

**Conveyance Type**

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

**Conveying Party(ies)**

- ☒ Mark if additional names of conveying parties attached
- Execution Date  
Month Day Year  
10 31 2000

Name (line 1) KAMRAN OVEYSSI

Name (line 2)

**Second Party**

Name (line 1) SHAWN E. CASEY

Execution Date  
Month Day Year  
11 03 2000

Name (line 2)

**Receiving Party**

- ☐ Mark if additional names of receiving parties attached

Name (line 1) WESTERN DIGITAL CORPORATION

Name (line 2)

Address (line 1) 20511 Lake Forest Drive

Address (line 2)

Address (line 3) Lake Forest

California

92630-7741

City

State/Country

Zip Code

☐ 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.)

**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)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 011610 FRAME: 0086**

**Correspondent Name and Address**

Area Code and Telephone Number

949-672-7814

Name **WESTERN DIGITAL CORPORATION**

Address (line 1) **20511 Lake Forest Drive**

Address (line 2) **Intellectual Property Department - LOC C2**

Address (line 3) **Lake Forest, CA 92630-7741**

Address (line 4)

**Pages**

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

# **4**

**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)

**09/704,188**

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

**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



**2/26/01**

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office

PATENT

K35A0678

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) MITCHELL D. DOUGHERTY

Execution Date  
Month Day Year

11 08 2000

Name (line 2)

Name (line 1) JASON T. WEAVER

Execution Date  
Month Day Year

10 31 2000

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)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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☐ 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.)

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)

09/704,188

# ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0678

Whereas, I, KAMRAN OVEYSSI of WESTERN DIGITAL CORPORATION, hereafter referred to as applicant, have invented certain new and useful improvements in VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPPED AROUND A ROTARY VOICE COIL YOKE COMPRISING A LOW RELUCTANCE END AND A HIGH RELUCTANCE END

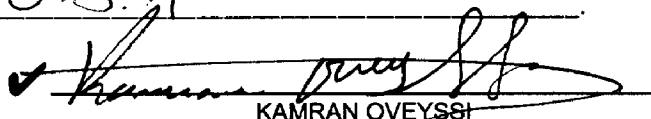
- ☒ for which an application for a United States Patent was filed on 10/31/2000,  
Application Number 09 / 704,188.
- ☒ for which an application for a United States Patent was executed on \_\_\_\_\_, and

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;

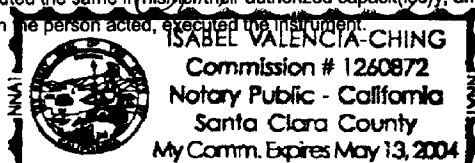
Now, therefore, in consideration of the sum of One dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States 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.

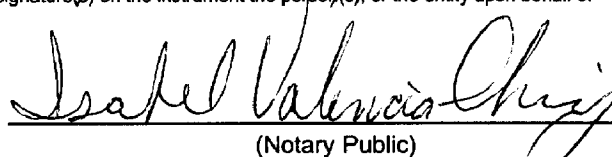
Executed this 31ST day of October, 2000,  
at SAN JOSE, CA U.S.A

State of CALIFORNIA )  
County of SANTA CLARA ) SS:

  
KAMRAN OVEYSSI

On this 31 day of October, 2000, before me, Isabel Valencia Ching, personally appeared Kamran Oveyssi, 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)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0678

Whereas, I, SHAWN E. CASEY of WESTERN DIGITAL CORPORATION, hereafter

referred to as applicant, have invented certain new and useful improvements in VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPPED AROUND A ROTARY VOICE COIL YOKE COMPRISING A LOW RELUCTANCE END AND A HIGH RELUCTANCE END

☒ for which an application for a United States Patent was filed on 10/31/2000,  
Application Number 09 / 704,188.

☒ for which an application for a United States Patent was executed on \_\_\_\_\_, 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 de-  
sirous of acquiring the entire right, title and interest in the same;

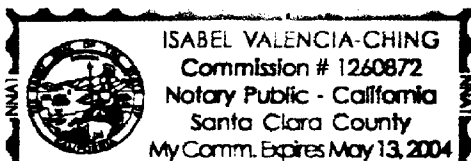
Now, therefore, in consideration of the sum of One dollars (\$ 1.00 ), the receipt whereof is ac-  
knowledgeed, and other good and valuable consideration, I, the applicant, by these presents do sell, assign  
and transfer unto said assignee the full and exclusive right to the said invention in the United 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 3rd day of November, 2000,  
at SAN JOSE, CA U.S.A.

State of CALIFORNIA )  
County of SANTA CLARA ) SS:

☒ Shawn E. Casey  
SHAWN E. CASEY

On this 3 day of November, 2000, before me, Isabel Valencia-Ching, Notary Public, personally appeared Shawn E. Casey, personally known to me (or 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, or the entity upon behalf of which the person acted, executed the instrument.



Isabel Valencia-Ching  
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks,  
Washington, DC 20231.

# ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0678

Whereas, I, MITCHELL D. DOUGHERTY of WESTERN DIGITAL CORPORATION, hereafter referred to as applicant, have invented certain new and useful improvements in VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPPED AROUND A ROTARY VOICE COIL YOKE COMPRISING A LOW RELUCTANCE END AND A HIGH RELUCTANCE END

☒ for which an application for a United States Patent was filed on 10/31/2000,  
Application Number 09 / 704,188.

☒ for which an application for a United States Patent was executed on \_\_\_\_\_, 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;

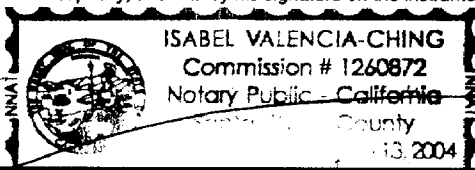
Now, therefore, in consideration of the sum of One dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States 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 8<sup>th</sup> day of November, 2000,  
at SAN JOSE, CA U.S.A

State of CALIFORNIA )  
County of SANTA CLARA ) SS:

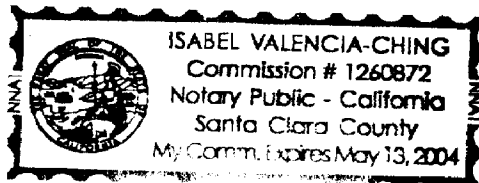
☒ Mitchell Dougherty  
MITCHELL D. DOUGHERTY

On this 8 day of October, 2000, before me, Isabel Valencia-Ching Notary Public, personally appeared Mitchell D. Dougherty, personally known to me (or proved 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, or the entity upon behalf of which the person acted, executed the instrument.



Isabel Valencia-Ching  
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, 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: 011610 FRAME: 0091

# ASSIGNMENT OF APPLICATION

Docket Number (Optional)  
K35A0678

Whereas, I, JASON T. WEAVER of WESTERN DIGITAL CORPORATION, hereafter

referred to as applicant, have invented certain new and useful improvements in VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPPED AROUND A ROTARY VOICE COIL YOKE COMPRISING A LOW RELUCTANCE END AND A HIGH RELUCTANCE END

☒ for which an application for a United States Patent was filed on 10/31/2000,  
Application Number 09 / 704,188

☒ for which an application for a United States Patent was executed on \_\_\_\_\_, 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 de-  
sirous of acquiring the entire right, title and interest in the same;

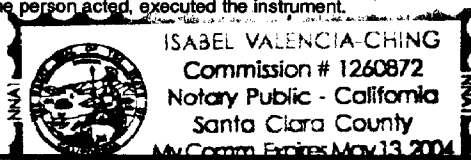
Now, therefore, in consideration of the sum of One dollars (\$ 1.00 ), the receipt whereof is ac-  
knowledgeed, and other good and valuable consideration, I, the applicant, by these presents do sell, assign  
and transfer unto said assignee the full and exclusive right to the said invention in the United 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 31<sup>ST</sup> day of October, 2000,  
at SAN JOSE, CA U.S.A.

State of CALIFORNIA  
County of SANTA CLARA ) SS:

☒ Jason T. Weaver  
JASON T. WEAVER

On this 31 day of October, 2000, before me, Isabel Valencia-Ching, personally appeared Jason T Weaver, 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.



Isabel Valencia-Ching  
(Notary Public)

Burden Hour Statement: This form is estimated to take 15 minutes to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office,  
Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks,  
Washington, DC 20231.

RECORDED: 03/05/2001

PATENT  
REEL: 011610 FRAME: 0092