	ITS ONLY U.S. DEPARTMENT OF COMMUS. Patent and Trademar
Tab settings $\Rightarrow \Rightarrow \Rightarrow \lor$ \checkmark \checkmark	T T T T
To the Honorable Commissioner of Patents and Trademark	ks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): RAFFI CODILIAN TIMOTHY A. FERRIS	2. Name and address of receiving party(ies) Name: WESTERN DIGITAL TECHNOLOGIES
Additional name(s) of conveying partylies) attached?	
3. Nature of conveyance:	0/0 92
🕼 Assignment 🛛 🕞 Merger	
📮 Security Agreement 🛛 📮 Change of Name	Street Address: 20511 LAKE FOREST DRIVE
D Other	
Culler	
	City: LAKE FOREST State: CA Zip: 92
Execution Date:	- Additional name(s) & address(es) attached? 🛄 Yes 🧣
A. Patent Application No.(s) Unknown Additional numbers 5. Name and address of party to whom correspondenc	 B. Patent No.(s) attached? Set Yes Set No 6. Total number of applications and patents involve
concerning document should be mailed: Name:WON TAE C. KIM, REG. 40,457	7. Total fee (37 CFR 3.41)\$40.00
Internal Address:	Enclosed
WESTERN DIGITAL TECHNOLOGIES, INC.	 Authorized to be charged to deposit account
INTELLECTUAL PROPERTY DEPT C2	
Street Address: 20511 LAKE FOREST DRIVE	8. Deposit account number:
Street Address:	23-1209
	- (Attach duplicate copy of this page if paying by deposit acco
City:LAKE FOREST State: CA Zip: 92630	-
	SE THIS SPACE
DO NOT U 9. Statement and signature. To the best of my knowledge and belief, the foregoin is a true copy of the original document. WON TAE C. KIM, REG. 40,457 Name of Person Signing	information is true and correct and any attached cop <u> </u>
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. WON TAE C. KIM, REG. 40,457 Name of Person Signing Total number of pages including of	information is true and correct and any attached cor

REEL: 013071 FRAME: 0084

ASSIGNMENT

Whereas, I, RAFFI CODILIAN, a United States citizen, residing at Irvine, California, have invented certain new and useful improvements in <u>METHODS</u>, <u>SYSTEMS AND DEVICES FOR CONVERTING THE KINETIC ENERGY OF A ROTATING DISK DRIVE SPINDLE MOTOR INTO ELECTRICAL ENERGY TO CHARGE A RECHARGEABLE BATTERY</u> (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>Herewith</u>, Application No. <u>Unknown</u> (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.

27/2002 odill'a CODILIAN

State of California

) ss.

County of Orange) On <u>62703</u>, before me, <u>Adiana Varea</u> Notary Public, personally appeared RAFFI CODILIAN 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.

iona Vaila

Notary Public



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PATENT REEL: 013071 FRAME: 0085

ASSIGNMENT

Whereas, I, TIMOTHY A. FERRIS, a United States citizen, residing at Mission Viejo, California, have invented certain new and useful improvements in <u>METHODS</u>, <u>SYSTEMS AND DEVICES FOR</u> <u>CONVERTING THE KINETIC ENERGY OF A ROTATING DISK DRIVE SPINDLE MOTOR INTO</u> <u>ELECTRICAL ENERGY TO CHARGE A RECHARGEABLE BATTERY</u> (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>Herewith</u>, Application No. <u>Unknown</u> (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 assignes, 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.

Timothy a. Ferris Date

State of California

County of Orange

On 6/28/02, before me, $4d(10 \wedge a \sqrt{a(e/a)})$, Notary Public, personally appeared TIMOTHY A. FERRIS 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 Commission # 126 iotary Public - Co Orange County Comm. Expires May 19, 2004

) ss.)

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Notary Public

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PATENT REEL: 013071 FRAME: 0086

RECORDED: 06/28/2002