01 FC:8021

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Tab settings	2444222
	Please record the attached original documents or copy thereof
Name of conveying party(ies):  RAFFI CODILIAN	2. Name and address of receiving party(ies)
TIMOTHY A. FERRIS	Name: WESTERN DIGITAL TECHNOLOGIES,
Time ITT ACT EAGLE	Internal Address:
Additional name(s) of conveying party(es) attached? Yes No	<del></del>
3. Nature of conveyance:	
✓ Assignment Merger	Street Address: 20511 LAKE FOREST DRIVE
Security Agreement Change of Name	Street Address: 2007 E 442 T ONZET ENVE
Other	
	AND FOREST - CA COMMISSION OF THE COMMISSION OF
_ 04/30/2003	City: LAKE FOREST State: CA Zip: 92630
Execution Date:	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appli	ication, the execution date of the application is: $04/3$
A. Patent Application No.(s)	B. Patent No.(s)
10,427521	
Additional numbers at	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involv
concerning document should be mailed:	
Name: MILAD G. SHARA, REG. 39,367	17 7 14 (07 088 040) 40.00
Name	7. Fotal fee (37 CFR 3.41)\$
Internal Address:	Enclosed
	Enclosed
Internal Address:	Enclosed
Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT C2	Enclosed
Internal Address:WESTERN DIGITAL TECHNOLOGIES, INC.	Enclosed  Authorized to be charged to deposit account number:
Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT C2	Enclosed  Authorized to be charged to deposit account
Internal Address:	Enclosed  Authorized to be charged to deposit account number:
Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT C2	Enclosed  Authorized to be charged to deposit account number:
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address:  20511 LAKE FOREST DRIVE  City: LAKE FOREST State: CA Zip: 92630	Enclosed  Authorized to be charged to deposit account number:
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address:  20511 LAKE FOREST DRIVE  City: LAKE FOREST State: CA Zip: 92630	Enclosed  Authorized to be charged to deposit accounts.  8. Deposit account number:  23-1209
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address:  20511 LAKE FOREST DRIVE  City: LAKE FOREST State: CA Zip: 92630  DO NOT USE	Enclosed  Authorized to be charged to deposit accounts.  8. Deposit account number:  23-1209
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address:  20511 LAKE FOREST DRIVE  City: LAKE FOREST State: CA Zip: 92630  DO NOT USE  9. Signature.	Authorized to be charged to deposit account 8. Deposit account number:  23-1209  THIS SPACE
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address:  20511 LAKE FOREST DRIVE  City: LAKE FOREST State: CA Zip: 92630  DO NOT USE	Enclosed  Authorized to be charged to deposit accounts.  8. Deposit account number:  23-1209

PATENT REEL: 014036 FRAME: 0607

## ASSIGNMENT

Whereas, I, RAFFI CODILIAN, a citizen of The United States of America, residing at Irvine, California, have invented certain new and useful improvements in DISK DRIVE EMPLOYING COMMUTATION PHASE MODULATION AND CURRENT MODULATION OF A SPINDLE MOTOR (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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.

State of CALIFORNIA

) ss.

County of ORANGE

On 30 April 2063 before me, Kim K. Kinnae , 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.

Notary Public

## **ASSIGNMENT**

Whereas, I, TIMOTHY A. FERRIS, a citizen of The United States of America, residing at Mission Viejo, California, have invented certain new and useful improvements in DISK DRIVE EMPLOYING COMMUTATION PHASE MODULATION AND CURRENT MODULATION OF A SPINDLE MOTOR (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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 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.

		TIMOTHY A. FERRIS	4-30-2003
		TIMOTHY A. FERRIS	Date
State of CALIFORNIA	)		
County of ORANGE	) ss. )		
on 30 April 2003	, before me,	Rim K. Kimme!	, Notary
Public, personally appeared The person whose name is sub-	MOTHY A. FERRI scribed to the with	IS and proved to me on the basis of satisfaction instrument, and acknowledged to me the mature on the instrument the person executed.	at he executed the

Witness my hand and official seal.

RITA K. KIMMEL
Commission # 1240921
Notary Public - California
Orange County
My Comm. Expires Dec 3, 2003

RECORDED: 04/30/2003

Notary Public

Y:\K35A\A1200-A1299\A1237\FORM\FERRIS\_WDT Assignment.rtf

PATENT REEL: 014036 FRAME: 0609