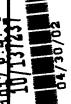
Form **PTO-1595** 

05-14-2002



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U.S. DEPARTMENT OF COMMERCE



Additional name(s) of conveyance:  Assignment  Street Address: 20511 LAKE FOREST DRIVE  Execution Date: 04-30-2002  Additional name(s) & address(es) attached? Yes		0.S. Patent and Trademark Office
1. Name of conveying party(ies): THOMAS D. HANAN MARC B. GOLDSTONE CHARLES W. FRANK, JR.  Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No  3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	111111111111111111111111111111111111111	Please record the attached original documents or copy thereof
Additional name(s) of conveyance:    Assignment	ame of conveying party(ies): DMAS D. HANAN RC B. GOLDSTONE	
Assignment		
Street Address: 20511 LAKE FOREST DRIVE  Other  City: LAKE FOREST State: CA Zip: 9: Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) at	ature of conveyance:	
Execution Date: _04-30-2002 Additional name(s) & address(es) attached?	<u> </u>	Street Address: 20511 LAKE FOREST DRIVE
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: 04-3  A. Patent Application No.(s) Unknown  Additional numbers attached? ☐ Yes ☑ No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: MILAD G. SHARA, REG. 39,367  Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address: 20511 LAKE FOREST DRIVE  Street Address: 20511 LAKE FOREST DRIVE  23-1209		City: LAKE FOREST State: CA Zip: 92630
If this document is being filed together with a new application, the execution date of the application is: 04-3  A. Patent Application No.(s) Unknown  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: MILAD G. SHARA, REG. 39,367 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT C2 Street Address: 20511 LAKE FOREST DRIVE  Street Address: 20511 LAKE FOREST DRIVE  B. Patent No.(s)  6. Total number of applications and patents involve (37 CFR 3.41)\$  40.00  Authorized to be charged to deposit account number: 23-1209	ution Date:	Additional name(s) & address(es) attached? 📮 Yes 🛛 No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MILAD G. SHARA, REG. 39,367  Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address: 20511 LAKE FOREST DRIVE  6. Total number of applications and patents involved and patents involved applications applications and patents involved applications applicatio	this document is being filed together with a new applic	
concerning document should be mailed:  Name: MILAD G. SHARA, REG. 39,367  Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address: 20511 LAKE FOREST DRIVE  23-1209		
Internal Address:  WESTERN DIGITAL TECHNOLOGIES, INC.  INTELLECTUAL PROPERTY DEPT C2  Street Address: 20511 LAKE FOREST DRIVE  23-1209	ncerning document should be mailed:	7. Total fee (37 CFR 3.41)\$ 40.00
Street Address: 20511 LAKE FOREST DRIVE 23-1209		Authorized to be charged to deposit account
	and the first state of the first	8. Deposit account number:
	eet Address: 20511 LAKE FOREST DRIVE	23-1209
City: LAKE FOREST State: CA Zip: 92630		(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	DO NOT USE	E THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is the and correct and any attached consists a true copy of the original document.  MILAD G. SHARA, REG. 39,367	s a true copy of the original document.  MILAD G. SHARA, REG. 39,367	7/30/02
Name of Person Signing  Signature  Signature  Total number of pages including cover sheet, attachments, and documents:	CD Cianing	and law C

Mail documents to be recorded with required cover sheet information to:

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

**PATENT REEL: 012877 FRAME: 0913** 

PATENT K35A107G

## ASSIGNMENT

Whereas, I, THOMAS D. HANAN, a United States citizen, residing at Mission Viejo, California, have invented certain new and useful improvements in <u>SYSTEM AND METHOD FOR MANAGING INFORMATION STORAGE AMONG PLURAL DISK DRIVES</u> (hereafter "Improvements") for which I have executed an application for a United States Patent filed on <u>Horewith</u>, Application No. <u>Unknown</u> (hereafter "Application"); and

Whereas, Western Digital Ventures, 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 covernant 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.

THOMAS D. HANAN Date

		THOMAS D. HANAN	Date
State of California	) ) \$5.		
County of Orange	)		nullia nerconolly
On appeared THOMAS Daname is subscribed to authorized capacity, an	HANAN and proved the within instrumed that by his signature	Notary it to me on the basis of satisfactory evidence to ent, and acknowledged to me that he executed the instrument the person executed the instrument the person executed the instrument.	be the person whose ited the same in his trument.
Witness my hand and o	official seal.	•	
		Notary Public	

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PATENT PAGE. 04
REEL: 012877 FRAME: 0914

## ASSIGNMENT

Whereas, I. MARC B. GOLDSTONE, a United States citizen, residing at Irvine, California, have invented certain new and useful improvements in SYSTEM AND METHOD FOR MANAGING INFORMATION STORAGE AMONG PLURAL DISK DRIVES (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 Ventures, 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.

4/30/07 Date

State of California ) ss.

County of Orange

, before me, Adriana Varela, Notary Public, personally appeared MARC B. GOLDSTONE 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 Orange County My Comm. Expires May 19, 200 Holica Varla
Notary Public

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**PATENT** REEL: 012877 FRAME: 0915

## **ASSIGNMENT**

Whereas, I, CHARLES W. FRANK, JR., a United States citizen, residing at Irvine, California, have invented certain new and useful improvements in SYSTEM AND METHOD FOR MANAGING INFORMATION STORAGE AMONG PLURAL DISK DRIVES (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 Ventures, 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.

hiasa Vaula

State of California

) ss.

County of Orange

On 43002, before me, Adriana Varea, Notary Public, personally appeared CHARLES W. FRANK, 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.

RECORDED: 04/30/2002

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PATENT REEL: 012877 FRAME: 0916