	Company Com						
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): KROUM'S STOEV FRANCIS H. LIU YUGANG WANG Additional name(s) of conveying party(ies) attached? Yes No Name: WESTERN DIGITAL (FREMONT). INC. Internal Address: 44100 OSGOOD ROAD Street Address:	OMB No. 0691-0027 (epp. 6300/2005) Tab settings S → □ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼	Form PTO-1595 RE((Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(les): KROUM'S STOEV FRANCIS H. LIU YUGANG WANG Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Additional name(s) address: 44100 OSGOOD ROAD Execution Date: March 25, 2004 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: 3/25/04 A. Patent Application No.(s) Unknown B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): KROWS 8. STOEV FRANCIS H. LILL YUGANG WANG 3. Nature of conveying party(ies) attached? Yes \(\subseteq No. \) 3. Nature of conveyance: \(\subseteq \) Assignment \(\subseteq \) Merger \(\subseteq \) Security Agreement \(\subseteq \) Change of Name \(\subseteq \) Other. Execution Date: \(\text{March 25, 2004} \) 4. Application number(s) or patent number(s): If this document is being filled together with a new application, the execution date of the application is: \(\subseteq \subseteq \) No. 4. Aptent Application No.(s) \(\subseteq \subseteq \) Unknown B. Patent No.(s) 4. Application No.(s) \(\subseteq \) Unknown B. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Name: \(WON TAE C. KIM, REG. 40.457 \) Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: \(\subseteq 20511 LAKE FOREST DRIVE \) DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM-REG. 40.457 \) Name of Person Stigning Do Not USE THIS SPACE April 6, 2004 April 6, 2004 April 6, 2004	■ OMB No. ()651-0027 (exp. 6/30/2005)					
1. Name of conveying party(ies): KROUM S. STOEV FRANCIS H. LIU YUGANG WAND Additional name(s) of conveying party(ies) attached? Yes \(\times \) No 3. Nature of conveyance: Assignment	1. Name of conveying party(ies): KROUNS STOEV FRANCISH H. LU YUGANG WANG Additional name(s) of conveying party(jes) attached? Yes Vo 3. Nature of conveyance: Assignment	Tab settings ⇒⇒ ▼ 1027	719920				
RROUM S. STOEV FRANCIS H. LIU YUGANG WANG Additional name(s) of conveying party(les) attached? Yes \(\subseteq \) No 3. Nature of conveyance: Assignment	Name: WESTERN DIGITAL (FREMONT), INC. Internal Address: Additional name(s) of conveying party(es) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveying party(es) attached? Yes No 3. Nature of conveyance: Additional name(s) of conveyance: Assignment Merger Street Address: City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No A Application number(s) or patent number(s): If this document is being filled together with a new application, the execution date of the application is: 3/25/04 A. Patent Application No.(s) Unknown Additional numbers attached? Yes No B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) Total number of applications and patents involved: Total number of applications and patents involved: Total fee (37 CFR 3.41)	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other. City: FREMONT State: CA Zip: 94539 Execution Date: March 25, 2004 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE	Additional name(s) of conveying party(ses) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No 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: 3/25/04 A. Patent Application No.(s) Unknown B. Patent No.(s) Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: Total fee (37 CFR 3.41)		2. Name and address of receiving party(ies)				
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other. City: FREMONT State: CA Zip: 94539 Execution Date: March 25, 2004 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE	Additional name(s) of conveying party(ses) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No 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: 3/25/04 A. Patent Application No.(s) Unknown B. Patent No.(s) Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: Total fee (37 CFR 3.41)	FRANCIS H. LIU	Name: WESTERN DIGITAL (FREMONT), INC.				
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other. City: FREMONT State: CA Zip: 94539 Execution Date: March 25, 2004 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE	Additional name(s) of conveying party(ses) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No 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: 3/25/04 A. Patent Application No.(s) Unknown B. Patent No.(s) Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: Total fee (37 CFR 3.41)	YUGANG WANG Internal Address:					
3. Nature of conveyance:	3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other						
Street Address: 44100 OSGOOD ROAD Street Address: 44100 OSGOOD ROAD Street Address: 44100 OSGOOD ROAD City: FREMONT	Assignment						
Street Address: 44100 OSGOOD ROAD Security Agreement	Street Address: 44100 OSGOOD ROAD City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No B. Patent No.(s) Additional numbers attached? Yes No Street Address: Yes No Additional numbers attached? Yes No Street Address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE WON TAE C. KIM, REG. 40,457 Name of Person Stgoing Signature April 6, 2004 April 6, 2004 Date						
Security Agreement Change of Name Other	Other	Assignment Merger	Street Address: 44100 OSGOOD ROAD				
Execution Date: March 25, 2004 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 City: FREMONT State: CA Zip: 92630 City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	Execution Date: March 25, 2004 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE WON TAE C. KIM, REG. 40,457 Name of Person Stopping City: FREMONT State: CA Zip: 94539 Additional name(s) & address(es) attached? No log Internal name(s) & addresses internal nam	Security Agreement Change of Name					
Additional name(s) & address(es) attached? Yes No 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; 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	Additional name(s) & address(es) attached? Yes No 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE 9. Signature. April 6, 2004 Name of Person Stopping Signature Date	Other					
Additional name(s) & address(es) attached? Yes No 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; 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 Additional name(s) & address(es) attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	Additional name(s) & address(es) attached? Yes No 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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE 9. Signature. April 6, 2004 Name of Person Stopping Signature Date		City: FREMONT State: CA Zip: 94539				
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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 DO NOT USE THIS SPACE	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: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM, REG. 40,457 Name of Person Stoping Signature April 6, 2004 Date	Execution Date: March 25, 2004					
If this document is being filed together with a new application, the execution date of the application is: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA_Zip: 92630 DO NOT USE THIS SPACE	If this document is being filed together with a new application, the execution date of the application is: 3/25/04 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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM-REG. 40,457 Name of Person Stgoing Name of Person Stgoing Additional number attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)		Additional name(s) & address(es) attached? Yes V No				
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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST_State: CA_Zip:_92630 B. Patent No.(s) Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	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: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE Street Address: State: CA Zip: 92630 DO NOT USE THIS SPACE 9. Signature. B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)		108 195 33				
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA_Zip: 92630 Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address:		i e				
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA_Zip: 92630 DO NOT USE THIS SPACE	Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address:	A. Patent Application No.(s) OTIKHOWH	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: _ 20511 LAKE FOREST DRIVE City: LAKE FOREST _ State: CA _ Zip: _ 92630 B. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed V Authorized to be charged to deposit account 8. Deposit account number: 23-1055	5. Name and address of party to whom correspondence concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address:						
Concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 DO NOT USE THIS SPACE	Concerning document should be mailed: Name: WON TAE C. KIM, REG. 40,457 Internal Address: WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: _ 20511 LAKE FOREST DRIVE Street Address: _ 20511 LAKE FOREST DRIVE DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM, REG. 40,457 Name of Person Straing Name in the mailed: 7. Total fee (37 CFR 3.41)	Additional numbers at	tached? Yes V No				
Internal Address:	Internal Address:		6. Total number of applications and patents involved: 1				
WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address: 20511 LAKE FOREST DRIVE City: LAKE FOREST State: CA Zip: 92630 DO NOT USE THIS SPACE	WESTERN DIGITAL TECHNOLOGIES, INC. INTELLECTUAL PROPERTY DEPT E1 Street Address:20511 LAKE FOREST DRIVE City: LAKE FORESTState: CA _ Zip:92630 DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM_REG. 40,457 Name of Person Storing Name of Person Storing Authorized to be charged to deposit account number: 8. Deposit account number: 23-1055	Name: WON TAE C. KIM, REG. 40,457	7. Total fee (37 CFR 3.41)\$_40.00				
INTELLECTUAL PROPERTY DEPT E1 Street Address: _20511 LAKE FOREST DRIVE	INTELLECTUAL PROPERTY DEPT E1 Street Address: _20511 LAKE FOREST DRIVE	Internal Address:	Enclosed				
Street Address: _20511 LAKE FOREST DRIVE	Street Address: 20511 LAKE FOREST DRIVE 23-1055 City: LAKE FOREST State: CA Zip: 92630 DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM. REG. 40,457 Name of Person Staning	WESTERN DIGITAL TECHNOLOGIES, INC.	Authorized to be charged to deposit account				
Street Address: _20511 LAKE FOREST DRIVE	Street Address: 20511 LAKE FOREST DRIVE 23-1055 City: LAKE FOREST State: CA Zip: 92630 DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM, REG. 40,457 Name of Person Signing Name of Person Signing Name of Person Signing Name of Person Signing	INTELLECTUAL PROPERTY DEPT E1	8 Denosit account number:				
City: LAKE FOREST_State: CA_Zip: 92630 DO NOT USE THIS SPACE	City: LAKE FOREST_State: CA_Zip: 92630 DO NOT USE THIS SPACE 9. Signature. WON TAE C. KIM, REG. 40,457 Name of Person Signing Signature April 6, 2004 Date	Street Address: 20511 LAKE FOREST DRIVE	o. Deposit account number:				
DO NOT USE THIS SPACE	9. Signature. WON TAE C. KIM REG. 40,457 Name of Person Signing Name of Person Signing Name of Person Signing Name of Person Signing		23-1055				
DO NOT USE THIS SPACE	9. Signature. WON TAE C. KIM REG. 40,457 Name of Person Signing Name of Person Signing Name of Person Signing Name of Person Signing	City: LAKE FOREST State: CA Zip: 92630					
	9. Signature. WON TAE C. KIM, REG. 40,457 Name of Person Signing Signature April 6, 2004 Date		THEODOG				
•	WON TAE C. KIM, REG. 40,457 Name of Person Signing						
Ţ	Name of Person Styning Signature Date	-					
MONTAE CHAN DEC 40 457	Name of Person Styning Signature Date	WON TAE O KIN DEO 10 15	C_{1}				
Name of Day	- Bate						
Bute	Total number of manage instructions are as a second of the						
	Total number of pages including cover sheet, attachments, and documents: 4 Mail documents to be recorded with required cover sheet information to:						
	rotal number of pages including cover sheet, attachments, and documents: L						

04/12/2004 LHUELLER 00000141 231055 10819533 Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

01 FC:8021

40.00 DA

PATENT REEL: 015189 FRAME: 0188

PATENT K35R1890

ASSIGNMENT

Whereas, I, KROUM S. STOEV, a Bulgaria citizen, residing at Fremont, California, have invented certain new and useful improvements in METHOD OF MAKING A SHIELDED POLE MAGNETIC HEAD FOR PERPENDICULAR RECORDING (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 (Fremont), 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.

State of California
) ss.

County of

On ______, before me, _____, Notary Public, personally appeared KROUM S. STOEV 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.

C:\WINNT\Temporary Internet Files\OLK7\Stoev- Assignment.rtf

PATENT K35R1890

ASSIGNMENT

Whereas, I, FRANCIS H. LIU, a United States citizen, residing at Fremont, California, have invented certain new and useful improvements in METHOD OF MAKING A SHIELDED POLE MAGNETIC HEAD FOR PERPENDICULAR RECORDING (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 (Fremont), 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.

State of California
) ss.

County of

On ______, before me, ______, Notary Public, personally appeared FRANCIS H. LIU 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.

C:\WINNT\Temporary Internet Files\OLK3\Liu- Assignment.rtf

PATENT K35R1890

ASSIGNMENT

Whereas, I, YUGANG WANG, a United States citizen, residing at Milpitas, California, have invented certain new and useful improvements in METHOD OF MAKING A SHIELDED POLE MAGNETIC HEAD FOR PERPENDICULAR RECORDING (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 (Fremont), 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.

		the m	1	3/25/04
		YUGANG WANG	7)	Date
State of California)	(
County of) ss.)			
name is subscribed to	the within instrument, a	on the basis of satisfactory e and acknowledged to me that he instrument the person exec	vidence to be	ed the same in his
Witness my hand and of	ficial seal.			
		Notary Public		_

C:\DOCUME~1\wang_j\LOCALS~1\Temp\Wang-Assignment.rtf