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DEPARTMENT OF COMMERCE

Patent and Trademark Office Docket No. 14671-2001200

To the Commissioner of Patents and Trademarks: Please	record the attached original documents or copy thereof.	
Name of conveying party(ies): 1. Yuanda Randy CHENG 2. Connie Chunling LIU 3. Chung SHIH 4. Linda Lijun ZHONG 5. Jeff Duane ST. JOHN 6. Jeffery Lee PETREHN ☐ Individual(s) ☐ Association ☐ General Partnership ☐ Limited Partnership ☐ Corporation-State ☐ Other	 Name and address of receiving party(ies): Seagate Technology LLC 920 Disc Drive Scotts Valley, California 95066 Additional name(s) & address(es) attached? ☐ Yes ☑ No 	
Additional name(s) of conveying party(ies) attached? □Yes ��No		
3. Nature of conveyance:		
 ☑ Assignment ☐ Merger ☐ Change of Name ☐ Other: Execution Date: May 18, 2001, May 16, 2001, May 15, 2001, 		
May 16, 2001, May 18, 2001, May 15, 2001		
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:		
A. Patent Application No.(s) 09/779,484	B. Patent No.(s)	
Additional numbers attached? ☐ Yes ☑ No		
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1	
document should be mailed:	7. Total fee (37 C.F.R. § 3.41): \$40.00	
Raj S. Dave' Morrison & Foerster LLP	⊠ Enclosed	
2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888	Authorized to be charged to deposit account, referencing Attorney Docket 146712001200	
	8. Deposit account number: 03-1952	
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to <u>Deposit Account No. 03-1952</u> .		
DO NOT USE THIS SPACE		
9. 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. Name: Raj S. Dave' Registration No: 42,465 Statum Date		
Total number of pages comprising gover sheet, attachments and document: 5		
9/2001 DBYNNE 00000092 09799484		
:581 40 00 0P		
Mail documents to be recorded with required cover sheet information to: U.S. Patent and Trademark Office Office of Public Records Box Assignments Crystal Gateway 4, Room 335 Washington, D.C. 20231		

dc-268513

ASSIGNMENT

Attorney Docket No.: 146712001200 Seagate Docket No.: **SEA2913** WHEREAS, I/we Connie Chunling Liu of 4078 Lakeside Dr., San Jose, CA 95148, USA: Yuanda Randy Cheng of 1720 Via Cortina; San Jose, California 95120; USA; Chung Shih of 10069 Oakleaf Place; Cupertino, California 95014; USA; Linda Lijun Zhong of 811 San Marcos Ave., Fremont, California 94539, USA; Jeff Duane St. John of 32460 Loma Chiquita Rd., Los Gatos, California 95033, USA; and Jeffery Lee Petrehn of 48877 Crown Ridge Comm; Fremont, California 94539, USA are the inventor(s) of an invention entitled Control of Magnetic Film Grain Structure by Modifying Ni-P Plating of the Substrate that is the subject matter of: (check all that apply) a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed on an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 09/779,484 filed on Feb. 9, 2001 ; and an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. ______ filed on WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection: NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the aboveidentified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee. I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention. I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding. REPUBLIC OF SINGAPORE) CITY OF SINGAPORE Chunling Lin (Inventor) EMBASSY OF THE UNITED SS! SUBSCIDED AMERICA SUBSCIDED TO SINGAPORE THE UNITED STATES OF AMERICA SUBSCIDED and Swom to before me at Singapore, Republic of Singapore, Working this 18th day of May . 20 01 by Yuanda Randy Cheng. Notary Rublic

WHA TETMENTANA 25 LB SENGULE LECHNOTORA ▼

Kevin L. Richardson

Consul of the

United States of America

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U.S. Assignment Seagate Technology LLC

dc-248721

P. 04/06

Rev. January 10, 2001

ASSIGNMENT

	Attorney Docket No. :	146712001200
	Seagate Docket No. :	SEA2913
WHEREAS, I/we Connie Chunling Liu of 4078 Lakesic 1720 Via Cortina; San Jose, California 95120; USA; C 95014; USA; Linda Lijun Zhong of 811 San Marcos Av 32460 Loma Chiquita Rd., Los Gatos, California 9503: Comm; Fremont, California 94539, USA are the invent Structure by Modifying Ni-P Plating of the Substrate the	thung Shih of 10069 Oakleaf Place; Cuper ve., Fremont, California 94539, USA; Jeff E 3, USA; and Jeffery Lee Petrehn of 48877 tor(s) of an invention entitled <u>Control of Ma</u>	tino, California Duane St. John of Crown Ridge gnetic Film Grain
a provisional application for Letters Patent which is by Application No filed an application for Letters Patent which is identifiable.	i on :	
Application No. 09/779,484 filed or an international application for Letters Patent filed identifiable in the United States Receiving Office to ; and	n <u>Feb. 9, 2001</u> ; and pursuant to the Patent Cooperation Treaty	which is
WHEREAS, Seagate Technology LLC, a limited liability of Delaware and the United States of America, and havin USA, ("Assignee") is desirous of acquiring the entire rig and any and all Letters Patent or similar foreign or don	ing offices at 920 Disc Drive, Scotts Valley, pht, title and interest in and to the invention,	California, 95066
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.		
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.		
I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.		
	Connie Chunling Liu (Inventor)	-
Subscribed and swom to before me at <u>Jumont</u> (May, , 20 0 1.	Juliforma , a Notary Public,	this <u>//</u> day of
HEATHER R. BAKER Commission # 1293229 Notary Public - California Aiameda County U.S. Assignment Scale Testan Classific Feb 5, 2005	Notary Public	 Rev. January 10, 2001
dc-248721		

PATENT REEL: 011929 FRAME: 0399

	Yuanda Randy Cheng (Inventor)
Subscribed and sworn to before me at, 20	, a Notary Public, this day of
(SEAL)	Notary Public Ohyper Shid 5/15/0/
Subscribed and sworn to before me at	Chung Shih (Inventor) (allforma, a Notary Public, this <u>15</u> day of
HEATHER R. BAKER Commission # 1293229 Notary Public - California Alameda County My Comm. Expires Feb 5, 2005	Notary Public
Subscribed and sworn to before me at hemony (a	Linda Lijun Zhong (Inventor) Wornia , a Notary Public, this 16 day of
May , 20 01.	
(SEAL) HEATHER R. BAKER Commission # 1293229 Notary Public - California Alameda County	Heather R Bally Notary Public
My Comm. Expires Feb 5, 2005	Jeff Dane St John (Inventor)
Subscribed and sworn to before me at 10mont, (Culfornia, a Notary Public, this 8 day of
HEATHER R. BAKER Commission # 1293229 Notary Public - California Alarmeda County My Comm. Expires Feb 5, 2005	Mathy R Bally Notary Public

Subscribed and sworn to before me at <u>Almont</u>, <u>Catifornia</u>, a Notary Public, this <u>15</u> day of <u>Nav.</u>, 20 01.

(SEAL)



Notary Public

Rev. January 10, 2001

RECORDED: 06/26/2001