U.S. PTO 11/709822 02/23/2007

SHEET U.S. DEPARTMENT OF COMMERCE **FORM PTO-1595** 103383505 Patent and Trademark Office (Rev. 08/05) **PATENTS ONLY** Docket No.: 050103-0664 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of Conveying Party(ies) SEAGATE TECHNOLOGY LLC Abebe HAILU, Weilu XU, Xiaoguang MA, Chung-Hee CHANG, Shoutao WANG, Charles C. CHEN Internal Address: Additional name(s) of conveying party(ies) attached? Yes No Address: 920 Disc Drive, P.O. Box 66360, 3. Nature of Conveyance/Execution Date(s) February 7, 2007 Scotts Valley, California 95067-0360 Execution Date(s): **⊠** Assignment ☐ Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confrmatory License Additional name(s) & address(es) attached? Yes No This document is being filed together with a new application 4. Application or patent number(s): B. Patent No(s). A. Patent Application No(s). Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: \$40.00 Name: MCDERMOTT WILL & EMERY LLP 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 600 13th Street, N.W. None required (government interest not affecting title)n 20005-3096 City: Washington State: D.C. Phone Number: 202.756.8000 8. Payment Information: Fax Number: 202.756.8087 Email Address: Credit Card Last 4 Numbers **Expiration Date** Deposit Account Number 500417 Authorized User Name 9. Signature. February 23, 2007 Aaron Weisstuch, 41,557 S D Signature Name and Registration No. of Person Signing Total number of pages including cover sheet, attachments and documents: OMB No. 0651-0027 (exp. 6/30/2008)

Docket No.: 050103-0664

ASSIGNMENT

WHEREAS WE, Abebe HAILU, Weilu XU, Xiaoguang MA, Chung-Hee CHANG, Shoutao WANG, Charles C. CHEN of San Jose, CA; San Jose, CA; Fremont, CA; Fremont, CA; Fremont, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled GRANULAR PERPENDICULAR MAGNETIC RECORDING MEDIA WITH MULTI-INTERLAYER STRUCTURE, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	02/67/07	Abebe Hailu shere tur	

est 07/07	With KU			
Date 02/07/07	Weilu Xu			
Date 02/07/07	Xiaoguang Ma			
Date 02/07/07	Chung Hee Chang			
Date 02/07/07	Shbutao Wang			
Date	Charles C. Chen			
STATE OF CALIFORNIA				
COUNTY OF ALAMEDA)				
On this 7 day of february, 2007, before me personally appeared Abebe Hailu, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.				
	Make Gutly			
SEAL	Notary Public			
STATE OF CALIFORNIA	My commission expires APRIL 25 2007 MAHA GUTHY Commission # 1413455 Notary Public - California Santa Clara County			
COUNTY OF ALAMEDA) SS: My Comm. Expires Apr 25, 2007			
On this 7th day of February, 2007, before me personally appeared Weilu Xu, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.				
	Maha Guthy Notary Public			
SEAL	Notary Public			
MAHA GUTHY Commission # 1413455 Notary Public - California Santa Clara County My Comm. Expires Apr 25, 2007	My commission expires <u>April 25, 3007</u>			

STATE OF	
COUNTY OF ALAMEDA)	•
COUNTY OF A LAMEDA	
On this 7th day of	Echruary 2007, before me personally
appeared Viscouring Ma to me known t	by to be the person named in and who executed the above
instrument and coloraviladeed to me the	at he/she executed the same for the uses and purposes
	at he/site executed the same for the uses and purposes
therein set forth.	
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S E A L Not	ary Public
MAHA GUTHY Commission # 1413455 My Notary Public - California \$ Santa Clara County My Comm. Expires Apr 25, 2007	commission expires April 25, 2007
STATE OF <u>CALIFORNIA</u>)	
) as	S:
COUNTY OF ALAMEDA	
On this day of appeared Chung-Hee Chang, to me known above instrument, and acknowledged to purposes therein set forth.	year to be the person named in and who executed the person to me that he/she executed the same for the uses and
	Mala Guthy
S E A L Not	tary Public
SEAD	may 1 world
MAHA GUTHY Commission # 1413455 Notary Public - California Santa Clara County My Comm. Expires Apr 25, 2007	commission expires <u>APRIL 25, 2007</u>
STATE OF CALIFORNIA	
) \$	S:
COUNTY OF ALAMEDA)	
	February, 2007, before me personally
On this day of	to be the person named in and who executed the above
appeared Shoutao wang, to the known	at he/she executed the same for the uses and purposes
	lat ne/she executed the same for the uses and purposes
therein set forth.	4
	Maha Guthy tary Public
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MAHA GUTHY Commission # 1413455 Notary Public - California	commission expires APRIL 25, 2007

STATE OFCALIFO	RNIA_)
STATE OF <u>CALIFO</u> COUNTY OF <u>ALA</u>) SS: MEDA)
On this $\frac{7^{+}}{}$	day of <u>February</u> , 2007, before me personally, to me known to be the person named in and who executed the above
appeared Charles C. Chen instrument, and acknowle therein set forth.	to me known to be the person named in and who executed the above dged to me that he/she executed the same for the uses and purpose
	Maha Guthy
SEAL	Notary Public
	My commission expires APRIL 15, 2007

MAHA GUTHY

Commission # 1413455
Notary Public - California
Santa Clara County
My Comm. Expires Apr 25, 2007

PATENT REEL: 019040 FRAME: 0866

RECORDED: 02/23/2007