I-31-92         5. / 3. 99         RECORDATION           Docket No.:         50103-163         PATE	47659 FORM COVER SHEET U.S. DEPARTMENT OF COMME Patent and Trademark O
To the Honorable Commissioner of Patents and Trademark	s: Please record the attached original documents or copy thereto:
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Jialuo Jack XUAN, Thanh Duc NGUYEN, and Chung-	Name: SEAGATE TECHNOLOGY, INC.
Yuang SHIH	E E E E E E E E E E E E E E E E E E E
Additional name(s) of conveying party(ies) attached? Yes	Address: 920 Disc Drive, P.O. Box 66360
<ul> <li>3. Nature of Conveyance:</li> <li>Assignment  Merger</li> <li>Security Agreement  Change of Name</li> <li>Other</li> <li>Execution Date: April 26, May 3, and May 5, 1000</li> </ul>	Scotts Valley, California 95067-0360
Execution Date: April 26, May 3, and May 5, 1999 (respectively)	
4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached? Yes
A. Patent Application No(s).	(respectively) B. Patent No(s).
09/311363	B. Patent No(s).
09/311363 Additional number	B. Patent No(s).
09/31/363 Additional numbers. Name and address of party to whom correspondence	B. Patent No(s).
Additional number 5. Name and address of party to whom correspondence concerning document should be mailed:	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> </ul>
Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> </ul>
Additional number 5. Name and address of party to whom correspondence concerning document should be mailed:	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> </ul>
Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600.12th Street Address	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600.12th Street Address	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> </ul>
Additional number 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13 <sup>th</sup> Street, N.W. City: Washington State: DC Zip: 20005 5/1999 J5HABAZZ 0000125 500417 0931:363 DO NOT USE	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
O9/3//363         Additional number         5. Name and address of party to whom correspondence         concerning document should be mailed:         Name:       MCDERMOTT, WILL & EMERY         Internal Address:         Street Address:       600 13th Street, N.W.         City:       Washington       State:       DC       Zip:       20005         5/1999       JBHABAZZ       0000125       500417       0931:363       DO NOT USH         O. Statement and signature.       Dot       Dot       Dot	<ul> <li>B. Patent No(s).</li> <li>ers attached? ☐ Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>☐ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> <li>8. Deposit account number: 500417</li> <li>E THIS SPACE</li> </ul>
O9/3//363         Additional number         5. Name and address of party to whom correspondence         concerning document should be mailed:         Name:       MCDERMOTT, WILL & EMERY         Internal Address:         Street Address:       600 13th Street, N.W.         City:       Washington       State:       DC       Zip:       20005         5/1999       JBHABAZZ       0000125       500417       0931:363       DO NOT USH         O. Statement and signature.       Dot       Dot       Dot	<ul> <li>B. Patent No(s).</li> <li>ers attached? ☐ Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>☐ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> <li>8. Deposit account number: 500417</li> </ul>
Additional number         Additional number         S. Name and address of party to whom correspondence         concerning document should be mailed:         Name:       MCDERMOTT, WILL & EMERY         Internal Address:         Street Address:       600 13th Street, N.W.         City:       Washington       State:       DC         Zip:       20005         2159       40,00 C4       DO NOT USE         Do Not USE       To the best of my knowledge and belief, the foregoing infor of the original document.	<ul> <li>B. Patent No(s).</li> <li>ers attached? ☐ Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>☐ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> <li>8. Deposit account number: 500417</li> <li>E THIS SPACE</li> </ul>
Additional number         Additional number         S. Name and address of party to whom correspondence         concerning document should be mailed:         Name:       MCDERMOTT, WILL & EMERY         Internal Address:         Street Address:       600 13th Street, N.W.         City:       Washington       State:       DC         Zip:       20005         S/1399       JSHABAZZ       06000125       500417       09311363         Statement and signature.       DO NOT USH         D:       Statement and signature.       To the best of my knowledge and belief, the foregoing infor of the original document.         Arthur J. Steiner, 26,106       Arthur J. Steiner, 26,106	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 500417</li> <li>E THIS SPACE</li> <li>mation is true and correct and any attached copy is a true copy</li> <li>May 13, 1999</li> </ul>
Additional number         Additional number         S. Name and address of party to whom correspondence         concerning document should be mailed:         Name:       MCDERMOTT, WILL & EMERY         Internal Address:         Street Address:       600 13th Street, N.W.         City:       Washington       State:       DC       Zip:       20005         201399       JBHABAZZ       06000125       500417       0931:363       DO NOT USE         Statement and signature.       To the best of my knowledge and belief, the foregoing infor of the original document.       Arthur J. Steiner, 26,106       Mame and Registration No. of Person Signing	<ul> <li>B. Patent No(s).</li> <li>ers attached? Yes</li> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 500417</li> <li>E THIS SPACE</li> </ul>

## PATENT REEL: 009971 FRAME: 0057

## Docket No.: 50103-163

## ASSIGNMENT

WHEREAS WE, Jialuo Jack Xuan, Thanh Duc Nguyen and Chung-Yuang Shih of Milpitas, CA, Fremont, CA and Cupertino, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled MAGNETIC RECORDING MEDIUM WITH LASER-FORMED SERVO-MARKS, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith; OR

for which an application for United States Letters Patent was filed on , and identified by United States Serial No.;

AND WHEREAS, SEAGATE TECHNOLOGY, INC., a corporation of the State of <u>Delaware</u> 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, INC., 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 of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY, INC., 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 Date

Date

Office and
Jiatuo Jack Xuan
Decantiday Recon
Thanh Duc Nguyen
China Anna A

Chung-Yuang Shih

Date

STATE OF	)	
COUNTY OF _	Santa Clura	) SS: )

On this  $26^{\pm}$  day of April, 1999, before me personally appeared Jialuo Jack Xuan, 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.

My commission expires November 24, 2000 SARALYN D. BROWN-BE Commission # 1118471 - Colifornia oforv Public -Alameda County Comm. Expres Nov 24, 2000 ) SS: COUNTY OF Santa Clara On this  $3^{i\frac{d}{2}}$  day of Mag, 19, 9, before me personally appeared Thanh Duc Nguyen, 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. Margh D. Anon-Beep on expires November 24, 2000 SARALYN D. BROWN votory Public Notary Publi Alameda County Comm. Expires Nov 24, 2000 My commission expires innia ) SS: COUNTY OF dringt On this  $51 \pm 4$  day of 4 and  $51 \pm 4$  day of 6 and  $51 \pm 4$  day of 6 and 6 a executed the same for the uses and purposes therein set forth Notary Public Vary U. Bron - Bel My commission expires November 24,2000 SARALYN D. BROWN BE Cammission # 1118471 lotary Public -- California Alameda County Comm. Expires Nov 24.

**RECORDED: 05/13/1999**