09-23-1998



FORM PTO-1596 100836	431 ET U.S. DEPARTMENT OF COMMERCE					
1-31-92 Docket No.: 50103-152 PATEN	Patent and Trademark Office TS ONLY					
	Please record the attached original documents or copy thereto:					
Name of Conveying Party(ies):	2. Name and address of receiving party(ies):					
Qixu (David) CHEN, Liji HUANG, Charles LEU, & Rajiv	Name: SEAGATE TECHNOLOGY, INC.					
Yadav RANJAN	33.					
7'-14-97	Address: 920 Disc Drive, P.O. Box 66360					
Additional name(s) of conveying party(ies) attached? Yes	99/17					
3. Nature of Conveyance:	Scotts Valley, California 95067-0360					
☐ Security Agreement ☐ Change of Name						
Other						
Execution Date: August 28, 1998 and September 1, 1998						
	Additional name(s) & address(es) attached? Yes					
4. Application number(s) or patent number(s):	4					
If the document is being filed together with a new application,	1.					
A Datum Application Na(a)	September 1, 1998					
A. Patent Application No(s).	B. Patent No(s).					
Additional numb	ers attached? Yes					
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:					
Concerning document should be mailed:						
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00					
Internal Address:	☐ Enclosed					
	Authorized to be charged to deposit account					
Street Address: 99 Canal Center Plaza, Suite 300	8. Deposit account number:					
	500417					
City: Alexandria State: VA Zip: 22314						
DO NOT USE THIS SPACE						
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing inf	formation is true and correct and any attached copy is a true copy					
of the original document.	2 1-1					
	hul					
Arthur J. Steiner, 26,106	September 14, 1998					
Name and Registration No. of Person Signing	Signature Date					
	Total number of pages comprising cover sheet: 1					
CMB No. 0851-0011 (exp. 4/94)						

PATENT REEL: 9460 FRAME: 0499 Docket No.: 50103-152

ASSIGNMENT

WHEREAS WE, Qixu (David) Chen, Liji Huang, Charles Leu and Rajiv Yadav Ranjan of Milpitas, CA, San Jose, CA, Fremont, CA and San Jose, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled THIN FILM MEDIUM WITH SURFACE-OXIDIZED NIAI SEED LAYER, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

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 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.

8/28/98	Obrehen
Date , ,	Qixu (David) Chen
9/01/98	The Committee of the Co
Date	Liji Huang
8/28/98	In In
Date	Charles Leu
8/28/98	(Laji Donze
Date	Rajiv Yadav kanjan

PATENT REEL: 9460 FRAME: 0500

STATE OF California
STATE OF California COUNTY OF Santa Clava SS:
On this
SARALYN D. BROWN-BELL Congression of 1118471 Notary Public Alamond County My Comm. Explicit Nov 24, 2000 My commission expires My commission expires My commission expires
STATE OF <u>California</u>) SS: COUNTY OF <u>Santa Clara</u>)
On this day of
STATE OF California ss:
On this day of
A SARALYN D. BROWN-BELL Commission # 1118471 Notary Public — Costonic Alameda Courfy My Comm. Expires Nov 24, 2000 My commission expires November 34, 2000

PATENT REEL: 9460 FRAME: 0501

STATE OF	California Santa Clara)) SS:)				
Ranjan, to me	185 day of	son named in and w	ho executed the	₹, before me person above instrument, ar	ally appeared Rajiv d acknowledged to	· Yadav me that
	RALYN D. BROWN-BELL commission # 1118471 itary Public — Colifornia	Notary Public	îng D.	Bwr - 7.	Bell	

My commission expires November 24, 2000

PATENT REEL: 9460 FRAME: 0502

RECORDED: 09/14/1998