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FORM PTO-1596

1-31-92	J2210367	Patent and Trademar On
Docket No.: 50103-468	PATENTS ONLY	g Caro
To the Honorable Commissioner for Patents and T		
1. Name of Conveying Party(ies):	2. Name and address of receiving	g party(ies):
Jialuo Jack XUAN, Chung-Yuang SHIH, Thanh Du	c Name: SEAGATE TECHNO	OLOGY LLC
NGUYEN - A MILA		
25/2//02	Address: 920 Disc Drive,	
Additional name(s) of conveying party(ies) attached?	Yes P. O. Box 66360,	
3. Nature of Conveyance:	Scotts Valley, Califo	ornia 95067-0360
		!
Security Agreement Change of	f Name	
Other		
Execution Date: August 12, 2002, August 13, 2002		
	Additional name(s) & address(es)	attached? Yes
4. Application number(s) or patent number(s):	1/27 2068	
If the document is being filed together with a new ar	plication, the execution date of the application	n is: August 12, 2002, August
		13, 2002
A. Patent Application No(s).	B. Patent No(s).	
Additi	ional numbers attached?	
5. Name and address of party to whom correspondence	6. Total number of applications a	and patents involved:
concerning document should be mailed:		
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41)	\$40.00
Internal Address:	☐ Enclosed	
Internal Address.		to deposit account
Street Address: 600 13th Street, N.W.	8. Deposit account number:	
Street Address. 600 15 Succes, 2000	500417	
City: Washington State: DC Zip:	20005	
City: Washington State: DC Zip:		
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9. Statement and signature.		
To the best of my knowledge and belief, the fo	pregoing information is true and correct and a	ny attached copy is a true copy
of the original document.	1 7 .4	<b>~</b> /
W. Grob Ph D. 41 557	Garon Deisster	
Aaron Weisstuch, Ph.D., 41,557	Signature	Date
Name and Registration No. of Person Signing	Total number of pages comprising	g cover sheet: 1
4/04)		

/ CMB No. 0851-0011 (exp. 4/94)

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Docket No.: 50103-468

## **ASSIGNMENT**

WHEREAS WE, JIALUO JACK XUAN; CHUNG-YUANG SHIH; and THANH DUC NGUYEN of Hayward, California; Cupertino, California; and Fremont, California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD FOR LASER-SCRIBING BRITTLE SUBSTRATES AND APPARATUS THEREFOR, executed by us on the date of execution of this document, as shown below, 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.

8/12/62	Mun
Date A/L/o~	Vialuo Jack Xuan
Date 8/13/02	Chung-Yuang Shih
Date	Thanh Duc Nguyen
Date	
STATE OF <u>California</u> ) SS: COUNTY OF <u>Cliamed</u>	
	the person named in and who executed the above she executed the same for the uses and purposes
HEATHER R. BAKER  Commission # 1293229  Notary Public - California  Alameda County  My Comm. Expires Feb 5, 2005  My comm	Cathurk Balun ublic mission expires Feb-5, 9005
STATE OF (alyonia) SS:	
above instrument, and acknowledged to me	to be the person named in and who executed the that he/she executed the same for the uses and
purposes therein set forth.	Weblic Branch
Notary F	ublic
HEATHER R. BAKER Commission # 1293229 Notary Public - California \$ Alarneda County My Comm. Expires Feb 5, 2005	

STATE OF <u>(alifornia</u>) SS: COUNTY OF <u>Alemedia</u>) above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth. Notary Public

My commission expires FM 5, 2025

SEAL

HEATHER R. BAKER Commission # 1293229 Notary Public - California Alameda County My Comm. Expires Feb 5, 2005

**RECORDED: 08/27/2002**