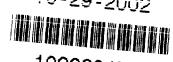
10-29-2002



FORM PTO-1596 1-31-92

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 50103-501 PATE	45438
To the Honorable Commissioner for 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):
Weilu Hang XU, Sam Vi LUONG and Yao-Tzung Roger	Name: SEAGATE TECHNOLOGY LLC
SHIH	7,000
	Address: 920 Disc Drive
Additional name(s) of conveying party(ies) attached? Yes	P.O. Box 66360
3. Nature of Conveyance: mrs 10/16/0	Scotts Valley, California 95067-0360
☐ Assignment ☐ Merger	
Security Agreement Change of Name	
Other	
Execution Date: October 4, 2002	
	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s):	
If the document is being filed together with a new application	, the execution date of the application is: October 4, 2002
A. Patent Application No(s).	B. Patent No(s).
10270638	
10638	
Additional nun	bers 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: 600 13 th Street, N.W.	8. Deposit account number:
	500417
City: Washington State: DC Zip: 20005	
	LUGD THAN OR A OR
	USE THIS SPACE
9. Statement and signature.	
	nformation is true and correct and any attached copy is a true copy
of the original document.	4 ~
	Caron Deisstuch October 16, 2002
Aaron Weisstuch, 41,557	
Name and Registration No. of Person Signing	Signature Date
	Total number of pages comprising cover sheet: 1
CMB No. 0851-0011 (exp. 4/94)	
/28/2002 MIST FP 00000083 500417 10270638	

PATENT

REEL: 013415 FRAME: 0708

Docket No.: 50103-501

ASSIGNMENT

WHEREAS WE, WEILU HANG XU, SAM VI LUONG, and YAO-TZUNG ROGER SHIH of San Jose, California, San Jose, California, and Cupertino, California; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled METHOD & APPARATUS FOR WORKPIECE BIASSING UTILIZING NON-ARCING BIAS RAIL, 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.

PATENT REEL: 013415 FRAME: 0709

10/4/02	. Meder du
Date 16/4/02	Weilu Hang Xu
Date 10/4/02	San Vi Luong Hav-
Date	Yao-Tzung Roger Shih
Date	
STATE OF <u>(alifornia</u>) SS: COUNTY OF <u>allemeda</u>)	
	, 2007, before me personally the person named in and who executed the above the executed the same for the uses and purposes
HEATHER R. BAKER I Commission # 1293229 Notary Public - California Alameda County My Comm. Expires Leb 5, 2005 My comm	blic blic Elle 5, 3005
STATE OF <u>California</u>) COUNTY OF <u>Allimeda</u>) SS:	
instrument, and acknowledged to me that he/s therein set forth.	, 20 2; before me personally ne person named in and who executed the above the executed the same for the uses and purposes
HEATHER R. BAKER Commission # 1293229 Notary Public - California Alameda County My Comm, Expires Feb 5, 2005	flat Breadle
STATE OF Manual) SS:	

PATENT REEL: 013415 FRAME: 0710

On this	day of	Octro-er	200	9, before	me nersor	nally
appeared Yao-Tzung						
above instrument, an	•		-			
purposes therein set f	orth.	. /				
		1/-	To Ray			

SEAL

RECORDED: 10/16/2002

J

PATENT REEL: 013415 FRAME: 0711