

FORM PTO-1596 RE 1 (01857394	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	NTS ONLY	raicht and Trademark Office
To the Honorable Commissioner for Patents and Trademar	ks: Please record the attached	original documents or copy thereto:
1. Name of Conveying Parties:	2. Name and address of re	eceiving party:
Shaoping LI, Ga-Lane CHEN, Charles POTTER, Dean	Name: SEAGATE T	ECHNOLOGY LLC
PALMER, and Philip STEINER Additional names of conveying parties attached? Yes 3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: July 18, 2001, August 27, 2001, July 27, 2001, July 19, 2001, and August 3, 2001 4. Application number or patent number: If the document is being filed together with a new application	Address: 920 Disc Driv P.O. Box 6636 Scotts Valley, Additional names & addre	California 95067-0360
A. Patent Application No.	B. Patent No.	19, 2001, August 3, 2001
	nbers attached? Yes	
5. Name and address of party to whom correspondence	6. Total number of applic	ations and patents involved:
concerning document should be mailed:	5 5 16 (25 CFP 2 41	T40.00
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41	\$40.00
Internal Address:	Enclosed	
] - '	harged to deposit account
Street Address: 600 13 th Street, N.W.	8. Deposit account number	er:
City: Washington State: DC Zip: 20005	500417	
DO NOT	USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing	information is true and correc	t and any attached copy is a true copy
of the original document.		
Aaron Weisstuch, No. 41,557	laron Weisstwer	September 20, 2001
Name and Registration No. of Person Signing	Signature	Date
	Total number of pages com	pprising cover sheet: 1
CMB No. 0851-0011 (exp. 4/94)		

ASSIGNMENT

WHEREAS WE, Shaoping LI, Ga-Lane CHEN, Charles POTTER, Dean PALMER, Philip STEINER of Naperville, IL; Fremont, CA; Bloomington, MN; Minneapolis, MN; and Los Altos, CA, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled PERPENDICULAR RECORDING MEDIA WITH SOFT MAGNETIC SUPERLATTICE UNDERLAYER, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a corporation 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.

07/18/2001	Shapy & Ri
Date	Li Shaoping (
Date	Ga-lane Chen
Date	Charles Potter
Date 7-19-01	Dean Palmer Dean Palmen
Date	Philip Steiner
On this JOLY /9 day of appeared Li Shaoping, to me known to instrument, and acknowledged to me the therein set forth. E ALL NOTARY PUBLIC-MINNESOTA	S: JUY , 200/, before me personally be the person named in and who executed the above that he/she executed the same for the uses and purposes Auction Otary Public y commission expires 1-31-2005
STATE OF	SS:
COUNTY OF	55.
On this day of appeared Ga-lane Chen, to me known instrument, and acknowledged to me t therein set forth.	, 20, before me personally to be the person named in and who executed the above hat he/she executed the same for the uses and purposes
S E A L	otary Public
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On this	day of	, 20	, before me personally
appeared Charles Potter, to	me known to be the person	on named in and w	ho executed the above
instrument, and acknowledge	ged to me that he/she executed	cuted the same for	the uses and purposes
therein set forth.			
SEAL	Notary Public		A
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STATE OF MINNESOT) SS:		
COUNTY OF DAKOTA			
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On this 19 appeared Dean Palmer, to r	day of July	, 20 <u>0 [</u>	, before me personally
instrument, and acknowledge	ged to me that he/she exec	cuted the same for	the uses and purposes
therein set forth.			, 1
MARCIA A. RAMTHUN	Marcue	a. Han	n Alux
NOTARY PUBLIC-MINNESOTA AY COMMISSION EXPIRES 1-31-2005	Notary Public		
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COUNTY OF)		
On this appeared Philip Steiner, to	day of	, 20	, before me personally
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instrument, and acknowledge therein set forth.	ged to me that he/she exe	cuted the same for	the uses and purposes
merem set form.			
SEAL	Notary Public		

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Date	Li Shaoping
Date Aug. 27, 2001	Ga-lane Chen
Date	Charles Potter
Date	Dean Palmer
Date	Philip Steiner
STATE OF	_)) SS:
COUNTY OF	
	of
SEAL	Notary Public
	My commission expires
STATE OF <u>Colorfornia</u> COUNTY OF <u>Mameda</u>)) SS:)
On this day of appeared Ga-lane Chen, to me know instrument, and acknowledged to therein set forth.	of
SEAL	Notary Public
STATE OF	COMM. # 1295286 NOTARY PUBLIC - CALIFORNIA Z ALAMEDA CONTY
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appeared Charles Potte instrument, and acknown	r, to me known to be the powledged to me that he/she e	erson named in and v	who executed the above
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STATE OF)) SS:		
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appeared Dean Palmer	day of, to me known to be the pewledged to me that he/she expenses to the state of the st	erson named in and v	wno executed the above
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Date	Li Shaoping
Date 7/27/01	Garlane Chen
Date / / ·	Charles Potter
Date	Dean Palmer
Date	Philip Steiner
STATE OF) SS:	
COUNTY OF)	
	, 20, before me personally be the person named in and who executed the above he/she executed the same for the uses and purposes
S E A L Notar	y Public
My co	ommission expires
STATE OF) SS:	
COUNTY OF	
	, 20 , before me personally be the person named in and who executed the above he/she executed the same for the uses and purposes
S E A L Notar	ry Public
STATE OF	
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On this $\frac{27}{}$	th day of July	, 20 , before me personally erson named in and who executed the above
appeared Charles Potter	, to me known to be the pe	erson named in and who executed the above
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STATE OF Minness COUNTY OF Henne	pin) SS:	SO COMMISSION EMPTH 322 TO 18
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On this	day of	, 20, before me personally
appeared Charles Potter,	to me known to be the	, 20, before me personally person named in and who executed the above
instrument, and acknow.	ledged to me that he/she	executed the same for the uses and purposes
therein set forth.	_	
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On this	day of	, 20, before me personally person named in and who executed the above
appeared Dean Palmer,	to me known to be the p	person named in and who executed the above
instrument, and acknow	ledged to me that he/she	executed the same for the uses and purposes
therein set forth.		
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COLDITY OF) 55.	
COUNTY OF		
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appeared Philip Steiner,	lo life known to be the	executed the same for the uses and purposes
	redged to me that he/she	executed the same for the uses and purposes
therein set forth.		
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ASSIGNMENT

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Date	Li Shaoping
Date Aug 30 2001	Ga-lane Chen Jolly
Date	Charles Potter
Date	Dean Palmer
Date	Philip Steiner
STATE OF	_
COUNTY OF	S:
On this day of appeared Li Shaoping, to me known to instrument, and acknowledged to me the therein set forth.	, 20, before me personally be the person named in and who executed the above nat he/she executed the same for the uses and purposes
S E A L No	tary Public
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On this day of appeared Ga-lane Chen, to me known to instrument, and acknowledged to me the therein set forth.	, 20, before me personally to be the person named in and who executed the above nat he/she executed the same for the uses and purposes
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COUNTY OF)	~·

On this	day of	, 20	_, before me personally
appeared Charles Pott	ter, to me known to be the pe	erson named in and v	who executed the above
instrument, and acknowledge	owledged to me that he/she e	executed the same for	the uses and purposes
therein set forth.			1 1
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COUNTION			
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instrument, and acknowledge	owledged to me that he/she ex	vecuted the same for	the uses and numases
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therein set forth.	owledged to me that he/she ex	xecuted the same for	me uses and purposes
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Date	Li Shaoping V
Date	Ga-lane Chen
Date	Charles Potter
Date 7-19-01	Dean Palmer Dean Palmen
Date	Philip Steiner
	SS: JUY
NOTARY PUBLIC-MINNESOTA MY COMMISSION EXPIRES 1-31-2005	My commission expires 1-31-2005
STATE OF <u>California</u> COUNTY OF <u>Alameda</u>)) SS:)
	yn to be the person named in and who executed the above that he/she executed the same for the uses and purposes
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COUNTY OF)

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appeared Charles Potter, to r	ne known to be the person na	amed in and who executed the ald the same for the uses and purp	bove
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COUNTY OF JAKOTA)		
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Date	Li Shaoping U					
Date	Ga-lane Chen					
Date	Charles Potter					
Date 7-19-01	Dean Palmer Dean Palmen					
Date 8-3-01	Philip Steiner					
STATE OF MINNESOTA) SS: COUNTY OF DAKOTA On this JOLY 19 day of JULY , 2001, before me personally appeared Li Shaoping, 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. Notary Public Notary Public						
NOTARY PUBLIC-MINNESOTA MY COMMISSION EXPIRES 1-31-2005 My COI	mmission expires 1-31-2005					
STATE OF) SS: COUNTY OF)						
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COUNTY OF						

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1	HEATHER R. BAKE Commission # 1293	R 229			
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T	Alameda Count	y 5, 2005			
1	My COLLETT PARTIES				

RECORDED: 09/20/2001