03-29-2002

FORM PTO-1596

03 01

ARTMENT OF COMMERCE

Docket No.: 50103-389	TRADEW ^K PATEN'	TS ONL	,02036324	Patent and Trademark Office
To the Honorable Commissioner for Paten			ord the attached original do	cuments or copy thereto:
1. Name of Conveying Party(ies):			and address of receiving par	
James Edward ANGELO, Mukund Channaş	giri RAO, Alexei	Name:	SEAGATE TECHNOLO	• ` ′
Hiram SACKS, Timothy Francis ELLIS, David	l KUO, Serge			
Jacques FAYEULLE 3 - Z Z				
		Address:	920 Disc Drive,	
Additional name(s) of conveying party(ies) atta	iched? 🗌 Yes		P. O. Box 66360,	
3. Nature of Conveyance:			Scotts Valley, California	95067-0360
_	erger		seems runey, cumomu	75007 0500
	hange of Name			
Other				
Execution Date: March 1, 2002, March 4, 20	02, March 7.			
2002, March 8, 2002, March				
		Additional	name(s) & address(es) attac	ched? Yes
4. Application number(s) or patent number(s):	<u> </u>			
If the document is being filed together with	a new application, t	he executio	n date of the application is:	
A. Patent Application No(s).		B. Patent l	- -	
09/953,618 filed September 17, 2001			()	
	Additional number	ers attached'	? 🔲 Yes	
5. Name and address of party to whom corresp	ondence	6. Total nu	imber of applications and p	atents involved: 1
concerning document should be mailed:				
Name: MCDERMOTT, WILL & EMERY		7. Total fe	e (37 CFR 3.41)	\$40.00
Internal Address:			losed	7
		— ⊠ Aut	horized to be charged to de	posit account
Street Address: 600 13th Street, N.W.			account number:	F
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City: Washington State: DC	Zip: 20005	•		
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To the best of my knowledge and belief	, the foregoing info	rmation is t	rue and correct and any att	ached copy is a true copy
of the original document.	•		·	
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Aaron Weisstuch, Ph.D., 41,557	(da	ion M	Destrech	March 22, 2002
Name and Registration No. of Person Signing	<i></i>	Signature	~~~~~	Date
5	Т	•	r of pages comprising cover	
CMB No. 0851-0011 (exp. 4/94)				

ASSIGNMENT

WHEREAS WE, James Edward ANGELO, Mukund Channagiri RAO, Alexei Hiram SACKS, Timothy Francis ELLIS, David KUO, Serge Jacques FAYEULLE of Burnsville, Savage Minnesota; Oklahoma City, Oklahoma; Edina, Minnesota; Tonka Bay, Minnesota; Palo Alto, California; and Longmont, Colorado, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled RECORDING MEDIA WITH MECHANICALLY PATTERNED LANDING ZONE, for which an application for United States Letters Patent was filed on September 17, 2001, and identified by United States Serial No.09/953,618;

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.

03/04/02	
Date	James Edward Angelo
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle
appeared James Edward Angelo, to) SS: of Maca , 2002 before me personally me known to be the person named in and who executed the ged to me that he/she executed the same for the uses and Macaa & Xanabara Notary Public My commission expires 1-31-2002
STATE OF)) SS:
COUNTY OF)
	of, 20, before me personally to me known to be the person named in and who executed the liged to me that he/she executed the same for the uses and
SEAL	Notary Public

STATE OF)	
COUNTY OF		
appeared Alexi Hiram Sa	acks, to me known to be the cknowledged to me that he	, 20, before me personally e person named in and who executed the she executed the same for the uses and
SEAL	Notary Public	
STATE OF)) SS:	
COUNTY OF)	
above instrument, and a purposes therein set forth STATE OF	cknowledged to me that he SS:	
appeared David Kuo, to	me known to be the perso	, 20, before me personally n named in and who executed the above ecuted the same for the uses and purposes
STATE OF)))	
COUNTY OF)	
On this	day of	, 20, before me personally the person named in and who executed the
above instrument, and	acknowledged to me that he	e/she executed the same for the uses and
purposes therein set fortl	n. ·	

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Date	James Edward Angelo
	tomes Burrows I mgete
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	David Kuo
Date 03/61/2662	Serge Jacques Fayeulle
STATE OF)) SS:
COUNTY OF)
appeared James Edward Angelo, to	of
SEAL	Notary Public
	My commission expires
STATE OF)) SS:
COUNTY OF	
	of
SEAL	Notary Public

STATE OF)	
COUNTY OF		
On this	day of	20 hofore many and 11
appeared Alexi Hiram Sac	ks to me known to be	the person named in and who executed the
above instrument and ack	nowledged to me that	he/she executed the same for the uses and
purposes therein set forth.	no viouged to me that	nershe executed the same for the uses and
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SEAL	Notary Public	
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purposes therein set forth.	nowledged to me that	he/she executed the same for the uses and
purposes therein set forth.		
STATE OF)	
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On this	day of	, 20, before me personally
appeared David Kuo, to m	e known to be the pers	son named in and who executed the above
	ged to me that he/she e	executed the same for the uses and purposes
therein set forth.		
STATE OF As And a skill	\	
STATE OF (SINGING)		
COUNTY OF Bolder) 33.	
	<u>(</u>)	
On this /s	day of Masok	2002, before me personally
appeared Serge Jacques Fay	eulle, to me known to b	, 20 <u>C</u> , before me personally be the person named in and who executed the
		he/she executed the same for the uses and
purposes therein set forth.		
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	Inn.	
	THE	ne Smith Commission Espires 12/2/2005
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		14/4/2000

ASSIGNMENT

WHEREAS WE, James Edward ANGELO, Mukund Channagiri RAO, Alexei Hiram SACKS, Timothy Francis ELLIS, David KUO, Serge Jacques FAYEULLE of Burnsville, Minnesota; Oklahoma City, Oklahoma; Edina, Minnesota; Tonka Bay, Minnesota; Palo Alto, California; and Longmont, Colorado, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled RECORDING MEDIA WITH MECHANICALLY PATTERNED LANDING ZONE, for which an application for United States Letters Patent was filed on September 17, 2001, and identified by United States Serial No.09/953,618;

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3/4/2002

Date	James Edward Angelo
Date Mar. 4, 2002	Mukund Channagiri Rao
Date	Alexer His 3/4/2002
Date	Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle
STATE OF) SS:
COUNTY OF))
appeared James Edward Angel	day of, 20, before me personally lo, to me known to be the person named in and who executed the wledged to me that he/she executed the same for the uses and
SEAL	Notary Public
	My commission expires
STATE OF)) SS:
COUNTY OF)
On this of appeared Mukund Channagiri Fabove instrument, and acknow purposes therein set forth.	day of, 20, before me personally Rao, to me known to be the person named in and who executed the wledged to me that he/she executed the same for the uses and
SFAI	Notary Public

STATE OF MINNESOTA
COUNTY OF DAKOTA
On this 3 day of MHRCH , 2002; before me personally appeared Alexi Hiram Sacks, 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. MARCIA A. HAMTHAM Z002 MARCIA A. HAMTHAM Z002 MOTOR WILLIAM HAMTHAM NOTATION N
COUNTY OF) SS:
On this
STATE OF) SS: COUNTY OF)
On this day of
STATE OF) SS: COUNTY OF)
COUNTY OF
On this day of, 20, before me personally appeared Serge Jacques Fayeulle, 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.

ASSIGNMENT

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> CERCELEMATARIC E9X:8217281580 REEL: 012716 FRAME: 0741

Date	James Edward Angelo
Date	Mukund Channagiri Rao
Date 7/7/62	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle
STATE OF	_))
COUNTY OF	
appeared James Edward Angelo, to	me known to be the person named in and who executed the ged to me that he/she executed the same for the uses and
SEAL	Notary Public
	My commission expires
STATE OF	_)) SS:)
On this day of appeared Mukund Channagiri Rao, above instrument, and acknowledge purposes therein set forth.	f, 20, before me personally to me known to be the person named in and who executed the ged to me that he/she executed the same for the uses and
SEAL	Notary Public

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STATE OF	_)
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COUNTY OF	_)
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On this day of	, 20, before me personally known to be the person named in and who executed the
appeared Alexi Hiram Sacks, to me	known to be the person named in and who executed the
above instrument, and acknowledge	ed to me that he/she executed the same for the uses and
purposes therein set forth.	
SEAL	Notary Public
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COUNTY OF DULUTAL)
N 1/) SS:
COUNTY OF WOLLOTOL	_)
_ Jh	12.0
On thisday of	March , 2002, before me personally
appeared Timothy Francis Ellis, to 1	ne known to be the person named in and who executed the
above instrument, and acknowledge	ed to me that he/she executed the same for the uses and
purposes therein set forth.	The state of the s
	ANGELA 8. WATSON ACULE S. Waltour. NOTARY PUBLIC - MINNESOTA ALON UP PUBLIC. 1-31-05 My Commission Expires 1-31-2005
	My Commission Expires 1-31-2005 Softward Public. 1-31-05
STATE OF	```
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COUNTY OF	_)
On this day of	, 20, before me personally to be the person named in and who executed the above
appeared David Kuo, to me known	to be the person named in and who executed the above
instrument, and acknowledged to m	e that he/she executed the same for the uses and purposes
therein set forth.	
STATE OF	
) SS:
COUNTY OF)
On this day of	, 20, before me personally
appeared Serge Jacques Fayeulle, to	
above instrument, and acknowledge	ed to me that he/she executed the same for the uses and
purposes therein set forth.	

<u>ASSIGNMENT</u>

WHEREAS WE, James Edward ANGELO, Mukund Channagiri RAO, Alexei Hiram SACKS, Timothy Francis ELLIS, David KUO, Serge Jacques FAYEULLE of Burnsville, Minnesota; Oklahoma City, Oklahoma; Edina, Minnesota; Tonka Bay, Minnesota, Palo Alto, California; and Longmont, Colorado, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled RECORDING MEDIA WITH MECHANICALLY PATTERNED LANDING ZONE, for which an application for United States Letters Patent was filed on September 17, 2001, and identified by United States Serial No.09/953,618;

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;

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PATENT
O6ZI8STIS8: XP REEL: 012716 FRAME: 0744

Date	James Edward Angelo
3/8/02	Comparish
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle
STATE OF)
COUNTY OF) ss:)
appeared James Edward Angelo, to a	, 20, before me personally me known to be the person named in and who executed the ed to me that he/she executed the same for the uses and
SEAL	Notary Public
	My commission expires
COUNTY OF Oblesona	_)) ss: _)
anneared Mukund Channagiri Rao, to	march, 2002, before me personally o me known to be the person named in and who executed the ed to me that he/she executed the same for the uses and
SEAL	Berrio Siles Notary Public

BEKKI LILES Canadian County Notary Public in and for State of Oklahoma My commission expires May 18, 2005.

> 0621891798:XP4 **REEL: 012716 FRAME: 0745**

· IPATENT HOLLIS

STATE OF	<u>.</u> .
COUNTY OF) SS : _)
appeared Alexi Hiram Sacks, to me	, 20, before me personally known to be the person named in and who executed the ed to me that he/she executed the same for the uses and
SEAL	Notary Public
STATE OF	_) _)
COUNTY OF	3
On this day of appeared Timothy Francis Ellis, to rabove instrument, and acknowledge purposes therein set forth.	
STATE OF)) ss :
)
On this day of appeared David Kuo, to me known instrument, and acknowledged to me therein set forth.	, 20, before me personally to be the person named in and who executed the above that he/she executed the same for the uses and purposes
STATE OF) SS:
COUNTY OF	j
On this day of	, 20, before me personally
anneared Serge Jacques Faveuille, to	me known to be the person named in and who executed the ed to me that he/she executed the same for the uses and

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Date	James Edward Angelo
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date 03-15-2	Timothy Francis Ellis David Kuo Timothy Francis Ellis David Kuo
Date	David Kuo
Date	Serge Jacques Fayeulle
STATE OF)) SS:
COUNTY OF	
appeared James Edward Ang	
SEAL	Notary Public
	My commission expires
STATE OF	
COUNTY OF) SS:)
On thisappeared Mukund Channagir above instrument, and acknowledge purposes therein set forth.	day of, 20, before me personally i Rao, to me known to be the person named in and who executed the lowledged to me that he/she executed the same for the uses and
SFAI	Notary Public

STATE OF		
COUNTY OF) SS:)	·.
On this	day of	20 before me personally
appeared Alexi Hiram Sac above instrument, and ack purposes therein set forth.	cks, to me known to be knowledged to me that	, 20, before me personally the person named in and who executed the he/she executed the same for the uses and
SEAL	Notary Public	
STATE OF)	
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On this	day of Ellis, to me known to be knowledged to me that	, 20, before me personally be the person named in and who executed the he/she executed the same for the uses and
STATE OF COUNTY OF Que) SS:	•
COUNTY OF	medh)	•
On this 15	_ day of March	2002, before me personally
appeared David Kno, to it	ie rotowith be the be	son named in and who executed the above
instrument, and accoming	ccdclonisteridiset; ireiglee Notary Public - California Alameda County My Comm. Bottes Pab 5, 2005	xecuted the same for the uses and purposes
STATE OF)	Teather Baker
COUNTY OF) SS:)	
On this	day of	, 20, before me personally be the person named in and who executed the
above instrument, and ack purposes therein set forth.	yeulle, to me known to l mowledged to me that	he/she executed the same for the uses and