

03-29-2002



102036324

FORM PTO-1596  
1-31-92

RECORDATION

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50103-389

PATENT'S ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
James Edward ANGELO, Mukund Channagiri RAO, Alexei Hiram SACKS, Timothy Francis ELLIS, David KUO, Serge Jacques FAYEULLE

3-22-02

2. Name and address of receiving party(ies):  
Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive,  
P. O. Box 66360,  
Scotts Valley, California 95067-0360

Additional name(s) of conveying party(ies) attached?  Yes

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: March 1, 2002, March 4, 2002, March 7, 2002, March 8, 2002, March 15, 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:

A. Patent Application No(s):  
09/953,618 filed September 17, 2001

B. Patent No(s):

Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL & EMERY  
Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
500417

03/28/2002 AHMED: 00000081 500417 09953618

DO NOT USE THIS SPACE

01 ~~FE: 581~~ Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Aaron Weisstuch, Ph.D., 41,557

March 22, 2002

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: 012716 FRAME: 0731

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;

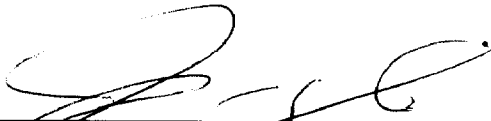
SEAGATE

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;

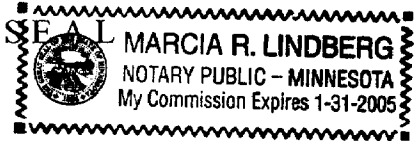
UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional 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.

Date	<u>03/04/02</u>	
Date		James Edward Angelo
Date		Mukund Channagiri Rao
Date		Alexi Hiram Sacks
Date		Timothy Francis Ellis
Date		David Kuo
Date		Serge Jacques Fayeulle

STATE OF Minnesota )  
 ) SS:  
 COUNTY OF Scott )

On this 4th day of March, 2002, before me personally appeared James Edward Angelo, 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 R. Lindberg  
 Notary Public

My commission expires 1-31-2002

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Mukund Channagiri Rao, 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.

SEAL

\_\_\_\_\_  
 Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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.

S E A L

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Timothy Francis Ellis, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David Kuo, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
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**


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;

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.

Date _____	James Edward Angelo
Date _____	Mukund Channagiri Rao
Date _____	Alexi Hiram Sacks
Date _____	Timothy Francis Ellis
Date _____	David Kuo
Date <u>03/01/2002</u>	Serge Jacques Fayeulle 

STATE OF \_\_\_\_\_ )  
) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared James Edward Angelo, 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.

SEAL \_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Mukund Channagiri Rao, 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.

SEAL \_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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.

S E A L

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Timothy Francis Ellis, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David Kuo, 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.

STATE OF Colorado )  
 ) SS:  
COUNTY OF Boulder )

On this 1st day of March, 2002, 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.

*Jana Smith*  
*My Commission Expires*  
*12/2/2005*

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;

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 ~~choices~~ <sup>choices</sup> 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;

JAB  
3/4/2002

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.



Date _____	James Edward Angelo
Date <u>Mar. 4, 2002</u>	Mukund Channagiri Rao <i>Alexei H. Sacks</i>
Date _____	<del>Alexei Hiram Sacks</del> <i>Alexei H.S. 3/4/2002</i>
Date _____	Timothy Francis Ellis
Date _____	David Kuo
Date _____	Serge Jacques Fayeulle

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared James Edward Angelo, 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.

S E A L

\_\_\_\_\_  
 Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Mukund Channagiri Rao, 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.

S E A L

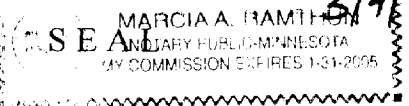
\_\_\_\_\_  
 Notary Public

STATE OF MINNESOTA )  
 ) SS:  
COUNTY OF DAKOTA )

On this 3 day of MARCH, 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.

*Alexei*  
*3/4/2002*

*Marcia C. Ramthun*  
\_\_\_\_\_  
Notary Public



STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Timothy Francis Ellis, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David Kuo, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
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

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;

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.

Date	James Edward Angelo
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	<i>Timothy Francis Ellis</i> Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me personally appeared James Edward Angelo, 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.

SEAL \_\_\_\_\_  
 Notary Public  
 My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me personally appeared Mukund Channagiri Rao, 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.

SEAL \_\_\_\_\_  
 Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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.

SEAL

\_\_\_\_\_  
Notary Public

STATE OF Minnesota )  
 ) SS:  
COUNTY OF Dakota )

On this 7<sup>th</sup> day of March, 2002, before me personally appeared Timothy Francis Ellis, 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.



*Angela S. Watson*  
Notary Public. 1-31-05

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David Kuo, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
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.

Docket No.: 50103-389

## 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;

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.

Date	James Edward Angelo
3/8/02	<i>[Signature]</i>
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	David Kuo
Date	Serge Jacques Fayeulle

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared James Edward Angelo, 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.

SEAL

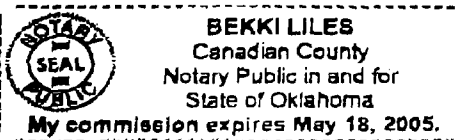
\_\_\_\_\_  
 Notary Public  
 My commission expires \_\_\_\_\_

STATE OF Oklahoma )  
 ) SS:  
 COUNTY OF Oklahoma )

On this 8th day of March, 2002, before me personally appeared Mukund Channagiri Rao, 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.

SEAL

*[Signature]*  
 Notary Public



STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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.

SEAL

\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Timothy Francis Ellis, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David Kuo, 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.

STATE OF \_\_\_\_\_ )  
 ) SS:  
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.



**Docket No.: 50103-389**

### 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;

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.

PATENT

REEL: 012716 FRAME: 0747

Date	James Edward Angelo
Date	Mukund Channagiri Rao
Date	Alexi Hiram Sacks
Date	Timothy Francis Ellis
Date	<i>David Kuo</i>
Date	David Kuo
Date	Serge Jacques Fayeulle

03-15-2002

*David Kuo*

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared James Edward Angelo, 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.

SEAL

Notary Public

My commission expires \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) SS:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Mukund Channagiri Rao, 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.

SEAL

Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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.

SEAL

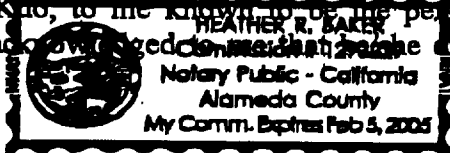
\_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Timothy Francis Ellis, 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.

STATE OF California )  
 ) SS:  
COUNTY OF Alameda )

On this 15 day of March, 2002, before me personally appeared David Kuo, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



*Heather R Baker*

STATE OF \_\_\_\_\_ )  
 ) SS:  
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.