

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jason E. BARA	08/10/2010
Trevor K. CARLISLE	08/11/2010
Evan S. HATAKEYAMA	08/09/2010
Douglas L. GIN	08/09/2010
Richard D. NOBLE	11/01/2010
Robert L. KERR	08/09/2010
Andrew L. LaFRATE	08/09/2010
RECEIVING PARTY DATA	
Name:	The Regents of the University of Colorado, a body corporate
Street Address:	1800 Grant Street
Internal Address:	8th Floor
City:	Denver
State/Country:	COLORADO
Postal Code:	80203
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1043124
CORRESPONDENCE DATA	
Fax Number:	(303)499-8089
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	usptomail@greenleesullivan.com
Correspondent Name:	Greenlee Sullivan PC
Address Line 1:	4875 Pearl East Circle
Address Line 2:	Suite 200
Address Line 4:	Boulder, COLORADO 80301
ATTORNEY DOCKET NUMBER:	66-09WO

CH \$40.00 US1043124

501519425

PATENT
REEL: 026219 FRAME: 0167

NAME OF SUBMITTER:

Michael J. Curtis

Total Attachments: 12

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ASSIGNMENT

WHEREAS:

- I, Jason E. Bara, residing at 2628 Utica Street, Denver, CO 80213, USA
- I, Trevor K. Carlisle, residing at ~~2880 Kalmia Avenue, #303, Boulder, CO 80301, USA~~
- I, Evan S. Hatakeyama, ...residing at 2707 Valmont Road, Unit A2303, Boulder, CO 80304, USA
- I, Douglas L. Gin, residing at 7808 Teal Circle, Longmont, CO 80503, USA
- I, Richard D. Noble, residing at 1262 Bear Mountain Court, Boulder, CO 80305, USA
- I, Robert L. Kerr, residing at 799 Thornwood Circle, Longmont, CO 80503, USA
- I, Andrew L. LaFrate, residing at 1176-A Monroe Drive, Boulder, CO 80303, USA

JKL²
 Correction:
 4741 Wh
 Rock Cir.
 Apt. F
 Boulder, CO
 80301

(herein called "ASSIGNORS"), are the inventors of the invention entitled **IMIDAZOLIUM-BASED ROOM-TEMPERATURE IONIC LIQUIDS, POLYMERS, MONOMERS, AND MEMBRANES INCORPORATING SAME** for which we have executed an international application for a Patent filed July 23, 2010, Serial No. PCT/US10/43124;

AND WHEREAS, **The Regents of the University of Colorado**, a body corporate (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Colorado, having a principal place of business at 1800 Grant Street, 8th Floor, Denver, CO 80203, USA is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application(s);

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States Application and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

GS Ref. 66-09 WO
Assignment

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

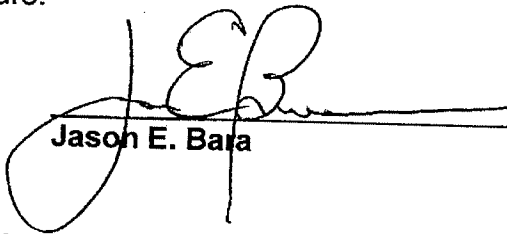
AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

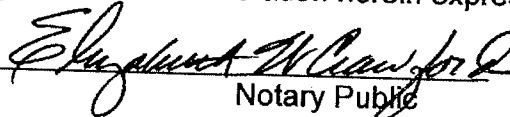
8/10/10
Date


Jason E. Bara

ALABAMA
STATE OF ~~GOLORADO~~)
TUSCALOOSA) ss.
COUNTY OF ~~BOULDER~~)

BEFORE ME, the undersigned authority, on this 10th day of AUGUST (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 8/10/2010


Notary Public

My Commission expires: 10/19/2010

Additional Assignors on additional sheets: Yes

GS Ref. 66-09 WO
Assignment

8/9/2010
Date

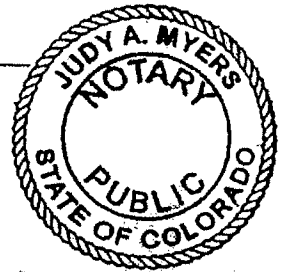
Douglas L. Gm
Douglas L. Gm

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 9th day of August (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 8/9/2010 *Judy A. Myers*
Notary Public

My Commission expires: 10/27/2012



My Commission Expires 10/27/2012

Nov. 1, 2010
Date

Richard D. Noble
Richard D. Noble

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 1st day of November (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 11/01/10 *Rhonda C. Maldonado*
Notary Public

My Commission expires: 03/11/2013



My Commission Expires 03/11/2013

Additional Assignors on additional sheets: Yes.

8/9/2010
Date

Robert L. Kerr
Robert L. Kerr

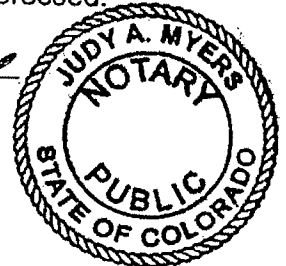
STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 9th day of August (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 8/9/2010

Judy A Myers
Notary Public

My Commission expires: 10/27/2012



8/9/10
Date

Andrew L. LaFrate
Andrew L. LaFrate

My Commission Expires 10/27/2012

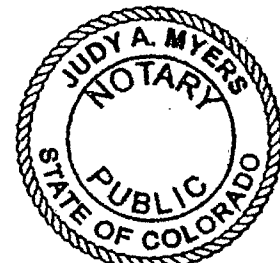
STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 9th day of August (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 8/9/2010

Judy A Myers
Notary Public

My Commission expires: 10/27/2012



My Commission Expires 10/27/2012

Additional Assignors on additional sheets: No.

ASSIGNMENT

WHEREAS:

- I, Jason E. Bara, residing at ~~2628 Utica Street, Denver, CO 80213, USA~~ *5220 CHESTERTOWN TRACE, NORTHPOET, AL* *JEB 8/ 35475*
- I, Trevor K. Carlisle, residing at 2880 Kalmia Avenue, #303, Boulder, CO 80301, USA
- I, Evan S. Hatakeyama, ...residing at 2707 Valmont Road, Unit A2303, Boulder, CO 80304, USA
- I, Douglas L. Gin, residing at 7808 Teal Circle, Longmont, CO 80503, USA
- I, Richard D. Noble, residing at 1262 Bear Mountain Court, Boulder, CO 80305, USA
- I, Robert L. Kerr, residing at 799 Thornwood Circle, Longmont, CO 80503, USA
- I, Andrew L. LaFrate, residing at 1176-A Monroe Drive, Boulder, CO 80303, USA

(herein called "ASSIGNORS"), are the inventors of the invention entitled **IMIDAZOLIUM-BASED ROOM-TEMPERATURE IONIC LIQUIDS, POLYMERS, MONOMERS, AND MEMBRANES INCORPORATING SAME** for which we have executed an international application for a Patent filed July 23, 2010, Serial No. **PCT/US10/43124**;

AND WHEREAS, **The Regents of the University of Colorado**, a body corporate (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Colorado, having a principal place of business at 1800 Grant Street, 8th Floor, Denver, CO 80203, USA is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application(s);

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States Application and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

GS Ref. 66-09 WO
Assignment

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

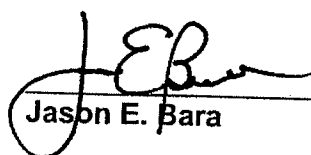
AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

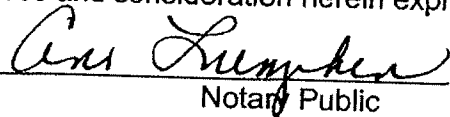
IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

2/7/2011
Date


Jason E. Bara

ALABAMA
STATE OF ~~COLORADO~~)
TUSCALOOSA) ss.
COUNTY OF ~~BOULDER~~)

BEFORE ME, the undersigned authority, on this 7 day of February (month), ²⁰¹¹ ~~2010~~, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 2/7/11 
Notary Public

My Commission expires: My Commission Expires July 31, 2011

Additional Assignors on additional sheets: Yes

_____ Date

_____ Trevor K. Carlisle

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this _____ day of _____ (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____

_____ Notary Public

My Commission expires: _____

2/3/2011
_____ Date


_____ Evan S. Hatakeyama

Oregon
STATE OF ~~COLORADO~~)
 Washington) ss.
COUNTY OF ~~BOULDER~~)

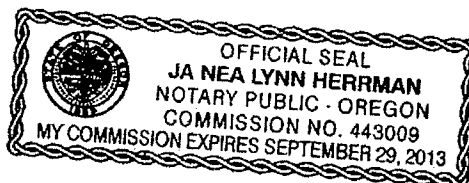
BEFORE ME, the undersigned authority, on this 3rd day of Feb. (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 2/3/11


_____ Notary Public

My Commission expires: Sep 29 2013

Additional Assignors on additional sheets: Yes.



GS Ref. 66-09 WO
Assignment

2-7-2011
Date

Trevor K. Carlisle
Trevor K. Carlisle

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 7th day of February (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 02/07/11
My Commission expires: 03/11/2013

Rhonda C. Maldonado
Notary Public



Date

Evan S. Hatakeyama

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this ____ day of _____ (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____

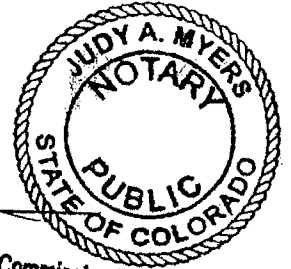
Notary Public

My Commission expires: _____

Additional Assignors on additional sheets: Yes.

02/11/11
Date

Douglas L. Gin
Douglas L. Gin



STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 11th day of February (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: Feb 11, 2011 Judy A. Myers
Notary Public

My Commission expires: 10/27/2012

Feb 11, 2011
Date

Richard D. Noble
Richard D. Noble

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this 11th day of February (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: 02/11/11 Rhonda C. Maldonado
Notary Public

My Commission expires: 03/11/2013

Additional Assignors on additional sheets: Yes.



GS Ref. 66-09 WO
Assignment

2/10/11
Date

Robert L. Kerr
Robert L. Kerr

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

SEE ATTACHED NOTARY DOCUMENT

~~BEFORE ME, the undersigned authority, on this ___ day of _____ (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.~~

~~Date: _____
My Commission expires: _____ Notary Public~~

_____ Date

_____ Andrew L. LaFrate

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

BEFORE ME, the undersigned authority, on this ___ day of _____ (month), 2010, personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.

Date: _____
My Commission expires: _____ Notary Public

Additional Assignors on additional sheets: No.

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On February 10, 2011 before me, Jennie L. Beach, Notary Public
(Here insert name and title of the officer)

personally appeared Robert L. Kerr

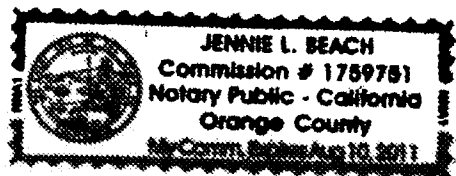
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jennie L. Beach
 Signature of Notary Public

(Notary Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

Assignment
(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages 6 Document Date 2/10/11

None
(Additional information)

CAPACITY CLAIMED BY THE SIGNER

Individual (s)
 Corporate Officer

(Title)

Partner(s)
 Attorney-in-Fact
 Trustee(s)
 Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document