

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3333629

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNIFER A. LEWIS	04/28/2015
ROBERT F. SHEPHERD	04/30/2015
ROBERT A. BARRY III	04/28/2015
SARA T. PARKER	04/28/2015
JENNIFER N.H. SHEPHERD	03/04/2015
PIERRE WILTZIUS	03/02/2015
RALPH G. NUZZO	04/30/2015
RECEIVING PARTY DATA	
Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Street Address:	352 HENRY ADMINISTRATION BUILDING
Internal Address:	506 S. WRIGHT
City:	URBANA
State/Country:	ILLINOIS
Postal Code:	61801
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13636542
CORRESPONDENCE DATA	
Fax Number:	(312)321-4299
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	312-321-4200
Email:	cpisarski@brinksgilson.com
Correspondent Name:	MINDY N. RITTNER
Address Line 1:	BRINKS, GILSON & LIONE
Address Line 2:	P.O. BOX 10395
Address Line 4:	CHICAGO, ILLINOIS 60611
ATTORNEY DOCKET NUMBER:	10322-219
NAME OF SUBMITTER:	MINDY N. RITTNER
SIGNATURE:	/Mindy N. Rittner/

PATENT

DATE SIGNED:	04/30/2015
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Total Attachments: 14

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ASSIGNMENT

WHEREAS, Jennifer A. Lewis, Robert F. Shepherd, Robert A. Barry, III, Sara T. Parker, Jennifer N.H. Shepherd, Pierre Wiltzius and Ralph G. Nuzzo, hereinafter called the "Assignors", have made the inventions described in the United States patent application entitled VISCOELASTIC INK FOR DIRECT WRITING OF HYDROGEL STRUCTURES, described in U.S. Patent Application Serial No. 13/636,542, which was filed on September 21, 2012, and is the national stage of International Application No. PCT/US2011/029429, which was filed on March 22, 2011, and claims the benefit of the filing date of U.S. Provisional Patent Application Serial No. 61/317,076, which was filed on March 24, 2010.

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, organized and existing under the laws of the State of Illinois, having a place of business at 352 Henry Administration Building, 506 S. Wright, Urbana, Illinois 61801, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the inventions and the patent applications identified above, and all patents which may be obtained for said inventions, as set forth below:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the inventions and the patent applications identified above, and any patents that may issue for said inventions in the United States; together with the entire right, title and interest in and to said inventions and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and


benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

4/28/15
DATED


Jennifer A. Lewis

DATED

Robert F. Shepherd

DATED

Robert A. Barry, III

DATED

Sara T. Parker

DATED

Jennifer N.H. Shepherd

benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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Robert A. Barry, III

Sara T. Parker

Jennifer N.H. Shepherd

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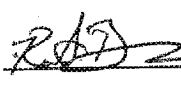
DATED

Jennifer A. Lewis

DATED

Robert F. Shepherd

4/28/15
DATED


Robert A. Barry, III

DATED

Sara T. Parker

DATED

Jennifer N.H. Shepherd

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DATED

Jennifer A. Lewis

DATED

Robert F. Shepherd

DATED

Robert A. Barry, III

April 28, 2015
DATED


Sara T. Parker

DATED

Jennifer N.H. Shepherd

benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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DATED

Jennifer A. Lewis

DATED

Robert F. Shepherd

DATED

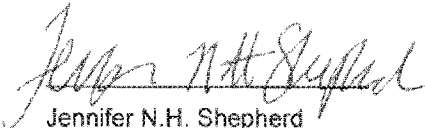
Robert A. Barry, III

DATED

Sara T. Parker

3/4/15

DATED



Jennifer N.H. Shepherd

Case No. 10322-219
Client Ref. No. TF09007-US

March 2, 2015

DATED



Pierre Wiltzius

DATED

Ralph G. Nuzzo

Case No. 10322-219
Client Ref. No. TF09007-US

DATED

April 30, 2015
DATED

Pierre Wiltzius

Ralph G. Nuzzo
Ralph G. Nuzzo

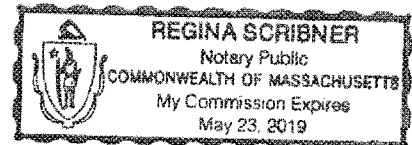
STATE OF Massachusetts)
COUNTY OF Middlesex) ss.

I, Regina Scribner, a Notary Public in and for the County and State aforesaid, do hereby certify that Jennifer A. Lewis, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 28 day of April, 2015.

Regina Scribner
Notary Public

My Commission Expires: May 23, 2019



STATE OF)
COUNTY OF) ss.

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Robert F. Shepherd, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.


Notary Public

My Commission Expires: _____

STATE OF Oregon)
COUNTY OF Washington) ss.

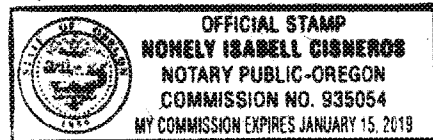
I, Nonely Isabell Cisneros, a Notary Public in and for the County and State aforesaid, do hereby certify that Robert A. Barry, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 20th day of April, 2015.



Notary Public

My Commission Expires: January 15, 2019



STATE OF)
COUNTY OF) ss.

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Sara T. Parker, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Robert A. Barry, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

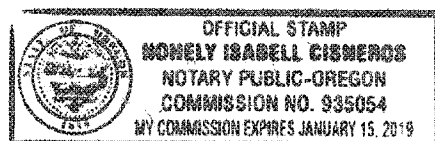
STATE OF Oregon)
) ss.
COUNTY OF Washington)

I, Nonely Isabell Cisneros, a Notary Public in and for the County and State aforesaid, do hereby certify that Sara T. Parker, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 28th day of April, 2015.

[Signature]
Notary Public

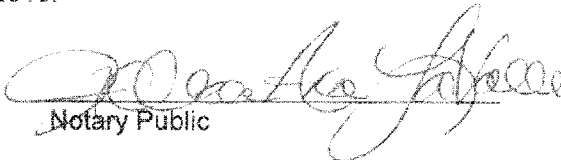
My Commission Expires: January 15, 2019



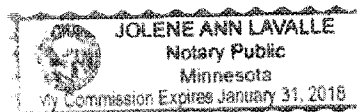
STATE OF Minnesota)
) ss.
COUNTY OF Clusage)

I, Jolene Ann Lavallo, a Notary Public in and for the County and State aforesaid, do hereby certify that Jennifer N.H. Shepherd, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

4th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of March, 2015.


Notary Public

My Commission Expires: 1-31-2018



STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Pierre Wiltzius, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF _____)
) ss.
COUNTY OF _____)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Jennifer N.H. Shepherd, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF California)
) ss.
COUNTY OF Santa Barbara)

I, Barbara McDonald, a Notary Public in and for the County and State aforesaid, do hereby certify that Pierre Wiltzius, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: 6-15-2016 see attached certificate

Case No. 10322-219
Client Ref. No. TF09007-US

STATE OF Illinois)
COUNTY OF Champaign) ss.



I, Lori Sage-Karlson, a Notary Public in and for the County and State aforesaid, do hereby certify that Ralph G. Nuzzo, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 30th day of April, 2015.

Lori L Sage-Karlson
Notary Public

My Commission Expires: 8-28-18