

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jiyoun Lee</td> <td>09/06/2012</td> </tr> <tr> <td>Thomas J. Meade</td> <td>08/20/2012</td> </tr> <tr> <td>Teresa K. Woodruff</td> <td>08/10/2012</td> </tr> <tr> <td>Preeti A. Sukerkar</td> <td>08/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jiyoun Lee	09/06/2012	Thomas J. Meade	08/20/2012	Teresa K. Woodruff	08/10/2012	Preeti A. Sukerkar	08/24/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Northwestern University</td> </tr> <tr> <td>Street Address:</td> <td>633 Clark Street</td> </tr> <tr> <td>City:</td> <td>Evanston</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60208</td> </tr> </table>		Name:	Northwestern University	Street Address:	633 Clark Street	City:	Evanston	State/Country:	ILLINOIS	Postal Code:	60208
Name:	Northwestern University										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13551344</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13551344						
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Application Number:	13551344										
CORRESPONDENCE DATA											
<p>Fax Number: 6086621276          Phone: 6086621277          Email: klbauman@casimirjones.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Casimir Jones, S.C.          Address Line 1: 2275 Deming Way          Address Line 2: Suite 310          Address Line 4: Middleton, WISCONSIN 53562</p>											
ATTORNEY DOCKET NUMBER:	NWEST-30518/US-3/CIP										
NAME OF SUBMITTER:	Jason R. Bond										

**Total Attachments: 9**

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**ASSIGNMENT**

WHEREAS, WE, Jiyoun Lee, Thomas J. Meade, Teresa K. Woodruff, and Preeti Arun Sukerkar (hereinafter collectively referred to as "ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Patent Application: COMPOSITIONS AND METHODS COMPRISING MAGNETIC  
RESONANCE CONTRAST AGENTS

Application Filing Date: July 17, 2012 Serial No.: 13/551,344

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

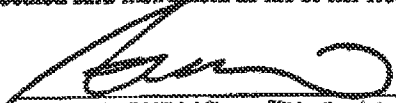
IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

 9/6/12  
JIYOUN LEE : DATE

State of Seoul  
County of Seoul, Korea

WITNESS

On this Sixth day of September, 2012, before me, a ~~Notary Public~~ in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

  
NOTARY PUBLIC WITNESS JAE-MIN SONG

~~NOTARY SEAL~~

My Commission Expires: \_\_\_\_\_

home address: 903 SAMHO APT SEO-CHO GU  
Page 1 of 3

SEOUL KOREA

## ASSIGNMENT

WHEREAS, WE, **Jiyoun Lee, Thomas J. Meade, Teresa K. Woodruff, and Preeti Arun Sukerkar** (hereinafter collectively referred to as "ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

**Title of Patent Application:** COMPOSITIONS AND METHODS COMPRISING MAGNETIC RESONANCE CONTRAST AGENTS

**Application Filing Date:** July 17, 2012      **Serial No.:** 13/551,344

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

JIYOUN LEE : DATE

State of \_\_\_\_\_ ss.

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

Thomas J. Meade 8/20/12  
THOMAS J. MEADE: DATE

State of ILLINOIS SS.  
County of Cook

On this 20th day of AUGUST, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

Ann L. Wheatley-Seamon  
NOTARY PUBLIC

My Commission Expires: 1-21-2014



TERESA K. WOODRUFF DATE

State of \_\_\_\_\_ SS.  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that she executed said instrument as her free and voluntary act and for the uses and purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

[NOTARY SEAL]

PREETI ARUN SUKERKAR

DATE

State of \_\_\_\_\_ ss.  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, WE, **Jiyoun Lee, Thomas J. Meade, Teresa K. Woodruff, and Preeti Arun Sukerkar** (hereinafter collectively referred to as "ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

**Title of Patent Application:** COMPOSITIONS AND METHODS COMPRISING MAGNETIC  
RESONANCE CONTRAST AGENTS

**Application Filing Date:** July 17, 2012      **Serial No.:** 13/551,344

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

JIYOUN LEE : \_\_\_\_\_ DATE \_\_\_\_\_

State of \_\_\_\_\_  
ss.

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

THOMAS J. MEADE:

DATE

State of \_\_\_\_\_

ss.

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

TERESA K. WOODRUFF

August 10, 2012  
DATE

State of Illinois

ss.

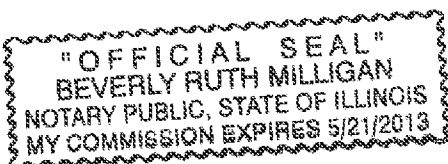
County of Cook

On this 10th day of August, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that she executed said instrument as her free and voluntary act and for the uses and purposes therein expressed.

NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/21/2013



\_\_\_\_\_  
PREETI ARUN SUKERKAR

\_\_\_\_\_  
DATE

State of \_\_\_\_\_  
ss.

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, WE, **Jiyoun Lee, Thomas J. Meade, Teresa K. Woodruff, and Preeti Arun Sukerkar** (hereinafter collectively referred to as "ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

**Title of Patent Application:** COMPOSITIONS AND METHODS COMPRISING MAGNETIC  
RESONANCE CONTRAST AGENTS

**Application Filing Date:** July 17, 2012      **Serial No.:** 13/551,344

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

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IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

JIYOUN LEE : \_\_\_\_\_ DATE \_\_\_\_\_

State of \_\_\_\_\_  
ss.

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

\_\_\_\_\_  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: \_\_\_\_\_

Preeti Sukerkar 8/24/12  
PREETI ARUN SUKERKAR DATE

State of ILLINOIS

ss.

County of COOK

On this 24th day of August, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

[Signature]  
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 12-22-2015