

## 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>Sarah Stoll</td> <td>11/03/2011</td> </tr> <tr> <td>Edward Van Keuren</td> <td>08/11/2011</td> </tr> <tr> <td>Christopher Albanese</td> <td>08/04/2011</td> </tr> <tr> <td>Stanley Fricke</td> <td>08/08/2011</td> </tr> <tr> <td>Julie Quinn</td> <td>01/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sarah Stoll	11/03/2011	Edward Van Keuren	08/11/2011	Christopher Albanese	08/04/2011	Stanley Fricke	08/08/2011	Julie Quinn	01/18/2012
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Julie Quinn	01/18/2012												
RECEIVING PARTY DATA													
Name:	Georgetown University												
Street Address:	37th and O Street NW												
City:	Washington												
State/Country:	DISTRICT OF COLUMBIA												
Postal Code:	20057												
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>13125244</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13125244								
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Application Number:	13125244												
CORRESPONDENCE DATA													
Fax Number:	(202)292-1531												
Phone:	202-292-1539												
Email:	bhackman@flhlaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Blaine M. Hackman												
Address Line 1:	Frommer Lawrence & Haug												
Address Line 2:	1667 K Street NW												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006												
ATTORNEY DOCKET NUMBER:	592006-2007.1												
NAME OF SUBMITTER:	Blaine M. Hackman												

PATENT

**Total Attachments: 8**

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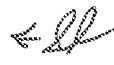
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**INVENTION/PATENT APPLICATION ASSIGNMENT  
FROM INVENTOR(S) TO INSTITUTION**

WHEREAS WE Dr. Sarah STOLL of 3728 Veazey Street N.W., Washington, DC 20016; Dr. Julie MERTZMAN of 3701 Connecticut Ave N.W., Apt. 140, Washington, DC 20008; Dr. Edward VAN KEUREN of 13605 Old Dairy Road, Herndon, VA 20171; Dr. Christopher ALBANESE of 1124 Hunter Avenue; Pelham Manor, NY 10803; and Dr. Stanley FRICKE of 8909 Charred Oak, Bethesda, MD 20817,  have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

**“MANGANESE-OXO CLUSTERS AS CONTRAST AGENTS FOR MAGNETIC  
RESONANCE IMAGING”**

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;  
OR  
for which an application for United States Letters Patent was filed on 20 April 2011, and identified by United States Serial No. 13/125,244;

AND WHEREAS, Georgetown University (“Assignee”), a Congressionally Chartered Institution of Higher Education located in the District of Columbia, having principal offices at 37<sup>th</sup> & O Street, N.W. Washington D.C. 20057; is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and any and all Letters Patent of the United States and foreign countries that may be obtained therefore;

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 said assignee, 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 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 that 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 causes of 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 of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, 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.

(1) Assignor's Signature:

Sarah Z Stoll  
Name: Sarah STOLL

3 November 2011  
Date

WITNESSES

Jennifer Swift  
Sign here (Print name below)

Witness 1: Jennifer Swift

Jessica Urbell  
Sign here (Print name below)

Witness 2: Jessica Urbell

(2) Assignor's Signature:

.....  
Name: Julie MERTZMAN

....., 2011  
Date

WITNESSES

.....  
Sign here (Print name below)

.....  
Sign here (Print name below)

Witness 1: .....

Witness 2: .....

(3) Assignor's Signature:

*E Van Keuren*  
Name: Edward VAN KEUREN

8/11, 2011  
Date

WITNESSES

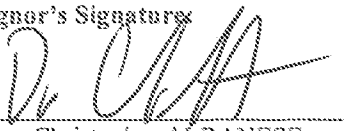
Amy Y. Liu  
Sign here (Print name below)

Janet D Gibson  
Sign here (Print name below)

Witness 1: *Amy Y. Liu*

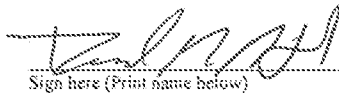
Witness 2: *Janet D. Gibson*

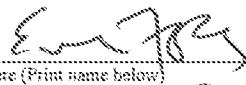
(4) Assignor's Signature

  
Name: Christopher ALBANESE

8/4, 2011  
Date

WITNESSES

  
Sign here (Print name below)  
Daniel McDermott  
Witness 1: \_\_\_\_\_


  
Sign here (Print name below)  
Erin Fogarty  
Witness 2: \_\_\_\_\_

(5) Assignor's Signature:

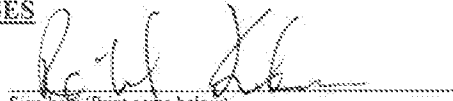
  
Name: Stanley FRICKE

8/8, 2011  
Date

WITNESSES

  
Sign here (Print name below)

Witness 1: Marie Pichaske

  
Sign here (Print name below)

Witness 2: RACHEL KETEIRA



**INVENTION/PATENT APPLICATION ASSIGNMENT  
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(2) Assignor's Signature:

Julie Quinn  
Name: Julie QUINN

January 18 2011  
Date

WITNESSES

Helia Talibi  
Sign here (Print name below)

J. Brian Litteer  
Sign here (Print name below)

Witness 1: Helia Talibi

Witness 2: J. Brian Litteer