

## PATENT ASSIGNMENT COVER SHEET

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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>XUEBEI YANG</td> <td>11/08/2013</td> </tr> <tr> <td>CHARLES CHEN</td> <td>11/08/2013</td> </tr> <tr> <td>PAYAM SEIFI</td> <td>12/10/2013</td> </tr> <tr> <td>AYDIN BABAKHANI</td> <td>11/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	XUEBEI YANG	11/08/2013	CHARLES CHEN	11/08/2013	PAYAM SEIFI	12/10/2013	AYDIN BABAKHANI	11/06/2013
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<table border="1"> <tr> <td>Name:</td> <td>WILLIAM MARSH RICE UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>6100 MAIN STREET</td> </tr> <tr> <td>City:</td> <td>HOUSTON</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77005</td> </tr> </table>		Name:	WILLIAM MARSH RICE UNIVERSITY	Street Address:	6100 MAIN STREET	City:	HOUSTON	State/Country:	TEXAS	Postal Code:	77005
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CORRESPONDENCE DATA											
Fax Number: Email: pchieu@winstead.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: POLIN CHIEU Address Line 1: WINSTEAD PC Address Line 2: P.O. BOX 131851 Address Line 4: DALLAS, TEXAS 75313											
ATTORNEY DOCKET NUMBER:	11321-P312US										
NAME OF SUBMITTER:	POLIN CHIEU										
Signature:	/Polin Chieu/										

CH \$40.00 14041092

Date:

12/17/2013

Total Attachments: 5

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## Assignment of Invention

WHEREAS, I, **Xuebei Yang**, residing at 1204 Bartlett St., Apt. 11, Houston, Texas 77006, United States of America; I, **Charles Chen**, residing at 1515 Bissonnet, Unit 179, Houston, Texas 77005, United States of America; I, **Payam Seifi**, residing at 4400 Memorial Dr., Apt. 2035, Houston, Texas 77007, United States of America; and I, **Aydin Babakhani**, residing at 2300 W. Alabama St., #61, Houston, Texas 77005, United States of America, have invented certain new and useful improvements in **“LOW-COST IMPLEMENTATION OF ELECTRON PARAMAGNETIC RESONANCE SPECTROSCOPY AND IMAGING”**, for which a provisional application was filed on September 28, 2012 under Application Number 61/707,441 and **“INTEGRATED ELECTRON SPIN RESONANCE SPECTROMETER”** for which a nonprovisional application was filed on September 30, 2013 under Application Number 14/041,092;

**WHEREAS, WILLIAM MARSH RICE UNIVERSITY**, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, Texas 77005 (hereinafter ASSIGNEE) desires to jointly acquire from Xuebei Yang, Charles Chen, Payam Seifi, and Aydin Babakhani the entire right, title and interest they have in and to said invention and to any Letters Patent that may be granted thereof from said applications in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

**NOW, THEREFORE**, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefore in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my

entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which 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.

EXECUTED AT: \_\_\_\_\_

*Houston, TX, US*

(City, State, Country)

Date: \_\_\_\_\_

*11/8/2013*

Xuebei Yang

*Xuebei*

EXECUTED AT: \_\_\_\_\_

(City, State, Country)

Date: \_\_\_\_\_

Charles Chen

EXECUTED AT: \_\_\_\_\_

(City, State, Country)

Date: \_\_\_\_\_

Payam Seifi

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Xuebei Yang

EXECUTED AT: Houston, TX, USA  
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Date: 11/8/13  
Charles Chen  
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Date: \_\_\_\_\_  
Xuebei Yang

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: \_\_\_\_\_  
Charles Chen

EXECUTED AT: \_\_\_\_\_  
(City, State, Country)

Date: 12-10-2013  
Payam Seifi

EXECUTED AT: Houston TX, USA  
(City, State, Country)

Date: 11-06-13  
Aydin Babakhani