

PATENT ASSIGNMENT

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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>Stephen Dodd</td> <td>08/20/2010</td> </tr> <tr> <td>Alan Koretsky</td> <td>09/24/2010</td> </tr> </tbody> </table>		Name	Execution Date	Stephen Dodd	08/20/2010	Alan Koretsky	09/24/2010						
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<table border="1"> <tr> <td>Name:</td> <td>National Institutes of Health and Human Development, an Institute of the National Institutes of Health, a component of the United States Department of Health and Human Services</td> </tr> <tr> <td>Street Address:</td> <td>Office of Technology Transfer, National Institutes of Health</td> </tr> <tr> <td>Internal Address:</td> <td>6011 Executive Boulevard, Suite 325, MSC 7660</td> </tr> <tr> <td>City:</td> <td>Bethesda</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>20892</td> </tr> </table>		Name:	National Institutes of Health and Human Development, an Institute of the National Institutes of Health, a component of the United States Department of Health and Human Services	Street Address:	Office of Technology Transfer, National Institutes of Health	Internal Address:	6011 Executive Boulevard, Suite 325, MSC 7660	City:	Bethesda	State/Country:	MARYLAND	Postal Code:	20892
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CORRESPONDENCE DATA													
Fax Number: (312)819-1910 Phone: 3128191900 Email: mcooper@polsinelli.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: Teddy C. Scott, Jr., Ph.D. Address Line 1: Polsinelli Shughart PC Address Line 2: 161 North Clark Street, Suite 4200 Address Line 4: Chicago, ILLINOIS 60601													
NAME OF SUBMITTER:	Teddy C. Scott, Jr., Ph.D.												
Total Attachments: 4 source=email#page1.tif source=email#page2.tif source=email#page3.tif source=email#page4.tif													

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ASSIGNMENT

WHEREAS, we, Gary Zabow, Stephen Dodd, and Alan Koretsky, employees of the National Institutes of Health and Human Development, an institute of the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter **The Inventors**], have made certain inventions as described and claimed in the U.S. Patent Application having a Serial Number of 12/753,689, filed April 2, 2010 which is entitled "MAGNETIC MICROSTRUCTURES FOR MAGNETIC RESONANCE IMAGING" ("U.S. Application") and;

WHEREAS, we are the applicants named in the above-identified U.S. Application; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle **THE GOVERNEMENT OF THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services** [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the U.S. Application; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said U.S. Application and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of said U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed in said U.S. Application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

I/we further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
_____	_____
Date	Gary Zabow
County of _____	Ss:
State of _____	
Subscribed and sworn to before me this ____ day of _____, <u>2010</u> .	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 2:	
<u>08-20-2010</u> Date	<u>[Signature]</u> Stephen DODD
County of <u>Montgomery</u> Ss:	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>20th</u> day of <u>August</u> , 2010.	
(Seal)	<u>[Signature]</u> Notary Public for <u>Maryland</u> My Commission Expires: <u>2/15/2013</u>

IN-WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 3:	
<u>9/24/2010</u> Date	<u>Alan Koretsky</u> Alan KORETSKY
County of <u>Montgomery</u>	Ss:
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>24</u> day of <u>September</u> , 2010.	
[Seal]	<u>[Signature]</u> Notary Public for _____ My Commission Expires: Embossed Hereon is My Montgomery County, State of Maryland Notary Public Seal My Commission Expires April 18, 2012 MICHAEL LUM