

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brian M. Dale</td> <td>10/13/2005</td> </tr> <tr> <td>Jonathan S. Lewin</td> <td>10/12/2005</td> </tr> <tr> <td>Jeffrey L. Duerk</td> <td>10/07/2005</td> </tr> </tbody> </table>		Name	Execution Date	Brian M. Dale	10/13/2005	Jonathan S. Lewin	10/12/2005	Jeffrey L. Duerk	10/07/2005
Name	Execution Date								
Brian M. Dale	10/13/2005								
Jonathan S. Lewin	10/12/2005								
Jeffrey L. Duerk	10/07/2005								
RECEIVING PARTY DATA									
Name:	Case Western Reserve University								
Street Address:	10900 Euclid Avenue								
City:	Cleveland								
State/Country:	OHIO								
Postal Code:	44311-1076								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10847224</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10847224				
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Application Number:	10847224								
CORRESPONDENCE DATA									
Fax Number:	(330)864-7986								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	330-864-5550								
Email:	djmuzilla@hahnlaw.com								
Correspondent Name:	David J. Muzilla								
Address Line 1:	One GoJo Plaza								
Address Line 2:	Suite 300								
Address Line 4:	Akron, OHIO 44311-1076								
ATTORNEY DOCKET NUMBER:	200512.00012								
NAME OF SUBMITTER:	David J. Muzilla								

Total Attachments: 4
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CH \$40.00 10847224

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**PATENT
 REEL: 016670 FRAME: 0847**

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ASSIGNMENT

WHEREAS, each of the Undersigned has developed certain inventions described in U.S. patent application titled:

OPTIMAL MAGNETIC RESONANCE DATA ACQUISITION

filed on **May 17, 2004**, and assigned U.S. Application No. **10/847,224**; and has full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Case Western Reserve University, an Ohio nonprofit corporation with offices at 10900 Euclid Avenue, Cleveland, Ohio 44106, ("ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the Undersigned, each of the Undersigned hereby sells, assigns and transfers unto said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND each of the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree(s) that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, each of the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

200512.00012

Each of the undersigned hereby authorizes Hahn, Loeser & Parks, LLP, of One GOJO Plaza, Suite 300, Akron, Ohio 44311-1076, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this 13th day of October, 2005.

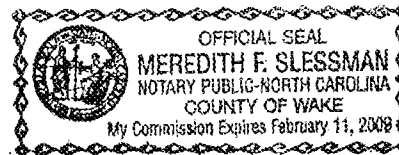
By: *Brian M. Dale*
Brian M. Dale

State of North Carolina)
County of Wake)

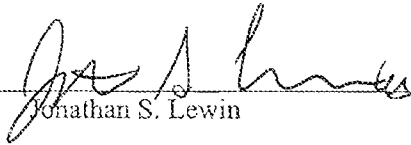
On this the 13th day of October, 2005, before me personally appeared Brian M. Dale to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Meredith F. Slessman
Notary Public

My commission expires 2-11-2009

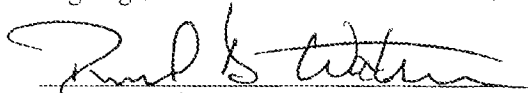


WITNESS my hand this 12 day of October, 2005.

By: 
Jonathan S. Lewin

State of Maryland)
County of U.S.A.)

On this the 12 day of October, 2005, before me personally appeared Jonathan S. Lewin to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.


Notary Public

My commission expires 4/97

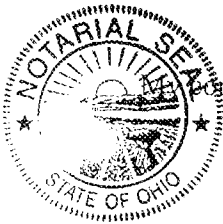
WITNESS my hand this 7th day of October, 2005.

By: Jeffrey L. Duerk
Jeffrey L. Duerk

State of Ohio)
County of Cuyahoga)

On this the 7th day of October, 2005, before me personally appeared Jeffrey L. Duerk to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Virginia A. Olszewski
Notary Public



VIRGINIA A. OLSZEWSKI
Notary Public
In and for the State of Ohio
My Commission Expires Oct. 20, 2007
Recorded in Lake County