

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark A GRISWOLD	06/27/2008
Martin BLAIMER	07/16/2008
RECEIVING PARTY DATA	
Name:	CASE WESTERN RESERVE UNIVERSITY
Street Address:	10900 Euclid Avenue
City:	Cleveland
State/Country:	OHIO
Postal Code:	44106-4971
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12783779
CORRESPONDENCE DATA	
Fax Number:	(216)503-5401
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216.503.5500
Email:	mary@kkpatent.com
Correspondent Name:	KRAGULJAC & KALNAY
Address Line 1:	4700 ROCKSIDE ROAD
Address Line 2:	SUMMIT ONE, SUITE 510
Address Line 4:	INDEPENDENCE, OHIO 44131
ATTORNEY DOCKET NUMBER:	2007-1334-DIV
NAME OF SUBMITTER:	John T. KALNAY
<p>Total Attachments: 3</p> <p>source=2007-1334-DIV_ASSN2#page1.tif</p> <p>source=2007-1334-DIV_ASSN2#page2.tif</p>	

OP \$40.00 12783779

501182016

PATENT
REEL: 024415 FRAME: 0388

Docket No. 2007-1334 (CWRU-62)

ASSIGNMENT

For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, **Mark A. GRISWOLD**, of 3135 Huntington Road, Shaker Heights, OH 44120, USA; and **Martin BLAIMER**, of Stegerwaldstrasse 12b, 97074 Würzburg, Germany; hereby assign all right, title and interest to **Case Western Reserve University**, 10900 Euclid Avenue, Cleveland, Ohio 44106-4971, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

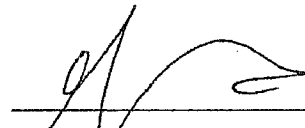
DETERMINING PHASE-ENCODING DIRECTION FOR PARALLEL MRI

set forth in the utility application no. 12/150,848 filed on May 1, 2008, for United States Letters Patent, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this

assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

(1)

Date: 6/27/08


Mark A. GRISWOLD

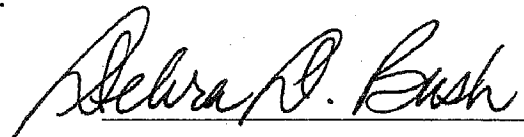
State of Ohio)

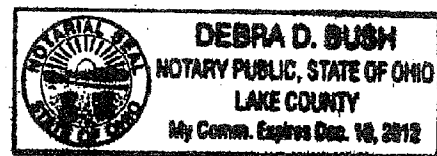
SS:

County of Cuyahoga)

On this 27 day of June, 2008, personally appeared before me, Debra D. Bush, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 6/27/08

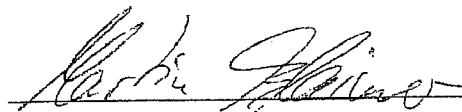

Notary Public



(2)

Date:

7/16/08



Martin BLAIMER

State of

BAVARIA

)

GERMANY

)

SS:

County of

WÜRZBURG

)

On this 16th

day of

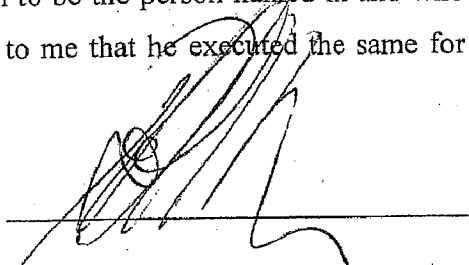
JULY

, 2008, personally appeared

before me, ANDREAS BOHMEN, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date:

7/16/08



Notary Public

my commission does not expire