

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Felix BREUER	07/23/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Magnetic Resonance Center of Bavaria,
<b>Street Address:</b>	MRB Forschungszentrum fur Magnet-Resonanz-Bayern e.V., Am Hubland
<b>City:</b>	Wurzburg
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-97074
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12783779
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	KRAGULJAC & KALNAY
<b>Address Line 1:</b>	4700 ROCKSIDE ROAD
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<b>Address Line 4:</b>	INDEPENDENCE, OHIO 44131
<b>ATTORNEY DOCKET NUMBER:</b>	2007-1334-DIV
<b>NAME OF SUBMITTER:</b>	John T. KALNAY
<b>Total Attachments: 3</b> source=2007-1334-DIV_ASSN1#page1.tif source=2007-1334-DIV_ASSN1#page2.tif source=2007-1334-DIV_ASSN1#page3.tif	

OP \$40.00 12783779

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, **Felix BREUER**, of Keesburgstrasse 9d, 97074 Würzburg, Germany; hereby assign all right, title and interest to **Magnetic Resonance Center of Bavaria, MRB Forschungszentrum für Magnet-Resonanz-Bayern e.V., Am Hubland, D-97074 Würzburg**, 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: 07/23/08  
07/25/08

Felix Breuer  
Felix BREUER  
Felix Breuer

State of GERMANY )  
 ) SS:  
County of BAVARIA )

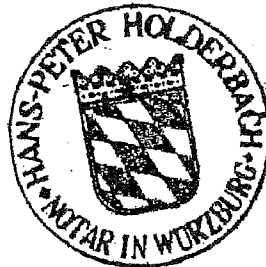
On this 25th day of JULY, 2008, personally appeared before me, NOTARY HOLDERBACH, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

IDENTITY CARD NO 906 3826879

Date: 25th July 2008

Holderbach

Notary Public

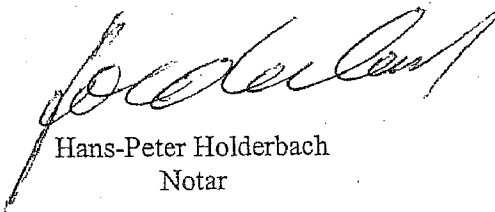


URNr. 1115 /2008

Beglaubigt wird die Echtheit der vorstehenden, vor mir vollzogenen  
Unterschrift von  
Herrn **Felix Breuer**,  
geboren am 21. August 1975,  
wohnhaft Keesburgstraße 9d, 97074 WÜRZBURG;  
DEUTSCHLAND,  
Legitimation: Bundespersonalausweis Nr. 9063826879.

Würzburg, 25. Juli 2008



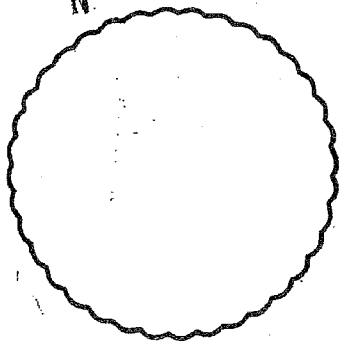
  
Hans-Peter Holderbach  
Notar

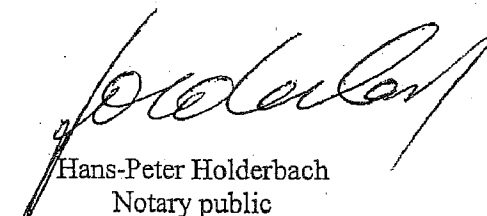
URNr. 1115 /2008

I hereby certify that this document was signed in my presence by  
Mr. **Felix Breuer**,  
born geboren am 21<sup>st</sup> of August 1975,  
adress: Keesburgstraße 9d, D-97074 WÜRZBURG;  
GERMANY

Legitimation: Identitycard No. 9063826879.

Würzburg, 25<sup>th</sup> July 2008



  
Hans-Peter Holderbach  
Notary public