U.S. PTO 12/662724 04/30/2010

Form PTO-1595 (Rev. 07/05) 05-11-2010 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) HEET SP09917US 103596822 ,hed documents or the new address(es) below. To the Director of the U.S. Pater. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Bruker BioSpin AG 1.) VASOS, Paul Romeo Internal Address: Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveyance/Execution Date(s): Street Address: Industriestrasse 26 Execution Date(s) 1.) April 08, 2010 X Assignment Merger City: CH-8117 Faellanden Security Agreement ☐ Change of Name Joint Research Agreement Government Interest Assignment Country: Switzerland Zip: Executive Order 9424, Confirmatory License ☐ Other_ Additional name(s) & address(es) attached? X Yes No 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: Name: Kohler Schmid Moebus 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed Street Address: None required (government interest not affecting title) Ruppmannstrasse 27 8. Payment Information City: D-70565 Stuttgart a. Credit Card Last 4 Numbers _____ State: Germany Zip: Expiration Date _____ Phone Number: +49-711-78 47 30 b. Deposit Account Number 11-1447

Documents to be recorded (Including cover sheet) should be faxed to 4573) 273 6140 er mailer to 12 11447 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Signature

Fax Number: +49-711-7 80 09 96

9. Signature: /Paul Vincent/

Email Address: stuttgart@ksmpatent.de

Paul Vincent

Name of Person Signing

01 FC:8021

Authorized User Name Paul Vincent

Total number of pages including cover

sheet, attachments, and documents:

40.00 DA

12662724

April 22, 2010

PATENT REEL: 024370 FRAME: 0786

ADDITIONAL COVER SHEET

Docket No.: SP09917US

Names and execution dates of additional conveying parties:

Names:		Execution Dates:
2.)	SARKAR, Riddhiman	April 08, 2010
3.)	AHUJA, Puneet	April 08, 2010
4.)	BODENHAUSEN, Geoffrey	April 08, 2010

Name and address of additional receiving party:

Ecole Polytechnique Federale de Lausanne (EPFL)

EPFL-SRI, Station 10

CH-1015 Lausanne / Switzerland

PATENT REEL: 024370 FRAME: 0787 Atty. Docket No.: SP09917US

PATENT OR DESIGN: SOLE OR JOINT (U.S. and Foreign Rights)

ASSIGNMENT FOR UNFILED APPLICATION FOR UNITED STATES PATENT

(Sole or Joint Inventors)

WHEREAS:

FULL NAME(S) AND POST OFFICE ADDRESS(S) INVENTOR(S) (including country)

- 1. Paul Romeo VASOS Pl. Du Vallon 16 CH-1005 LAUSANNE **SWITZERLAND**
- 2. Riddhiman SARKAR 14, av. de la Rochelle CH-1008 PRILLY SWITZERLAND
- 3. Puneet AHUJA Escalier du Marche 13 **CH-1003 LAUSANNE SWITZERLAND**
- 4. Geoffrey BODENHAUSEN Villa Adrienne 17 av. du Général Leclerc F-75014 PARIS **FRANCE**

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION

Method for nuclear magnetic resonance (NMR) spectroscopy measurements using Long-Lived Coherences (LLC)

for which application for Letters Patent of the United States has been executed on even date herewith,

Assignment for Unfiled Application for United States Patent - page 1 of 3

PATENT

REEL: 024370 FRAME: 0788

Atty.Docket No.: SP09917US

WHEREAS:

FULL NAME AND ADDRESS (including country) OF ASSIGNEE 1. BRUKER BIOSPIN AG

Industriestrasse 26 CH-8117 FAELLANDEN SWITZERLAND

2. ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)

EPFL-SRI Station 10 CH-1015 LAUSANNE SWITZERLAND

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be

obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Assignment for Unfiled Application for United States Patent - page 2 of 3

Atty.Docket No.: SP09917US

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

Warning

DATE OF SIGNING: This must be the same as the date of signing of the declaration and power of the patent or design application.

SIGNATURE(S): The signature(s) must correspond with the name(s) of the inventor(s) above

(Signature) Poul Vosos (Date of Signature) April 8 th 2010
Paul RomeoVASOS

(Date of Signature)

April 8th, 2010

Riddhiman SARKAR

Rineet Ahuja 3. (Signature)

(Date of Signature)

April 8th, 2016

Puneet AHUJA

4. Cealley Bole

Aril 811, 2010 (Date of Signature)

Geoffrey BODENHAUSEN

Instruction Sheet for Assignment Signing

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed. No witnessing or legalization is necessary. However, if this assignment is legalized then it will only be prima facie evidence of the execution of the assignment.

Assignment for Unfiled Application for United States Patent - page 3 of 3

RECORDED: 04/30/2010 REEL: 024370 FRAME: 0790