

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michele L. Ostraat	10/30/2009
James L. Davis	10/30/2009
Vijay Gupta	10/30/2009
David F. Myers	10/30/2009
Andrew K. Dummer	11/13/2009
Michael K. Lamvik	10/30/2009
Vikram Rao	11/13/2009
Lawrence Roberts	11/01/2009

RECEIVING PARTY DATA

Name:	Research Triangle Institute
Street Address:	3040 Cornwallis Road
Internal Address:	P. O. Box 12194
City:	Research Triangle Park
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12547443

CORRESPONDENCE DATA

Fax Number: (281)246-1031

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: brad.misley@misleylaw.com

Correspondent Name: Halliburton Law Department

Address Line 1: P. O. Box 1431

Address Line 4: Duncan, OKLAHOMA 73536

501076929

PATENT
REEL: 023855 FRAME: 0001

OP \$40.00 12547443

ATTORNEY DOCKET NUMBER:	2009-IP-021545U1
NAME OF SUBMITTER:	Bradley A. Misley
<p>Total Attachments: 10</p> <p>source=2009-IP-021545U1_Recordation_Sheet(Inventors_to_RTI)#page1.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page1.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page2.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page3.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page4.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page5.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page6.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page7.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page8.tif</p> <p>source=2009-IP-021545U1_Inventors_to_RTI#page9.tif</p>	

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Michele L. Ostraat Michael K. Lamvik
James L. Davis, Vikram Rao
Vijay Gupta; Lawrence Roberts
David F. Myers,
Andrew K. Dummer

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Research Triangle Institute

Internal Address: P. O. Box 12194

Street Address: 3040 Cornwallis Road

City: Research Triangle Park

State: North Carolina

Country: USA Zip: 27709

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/30/09; 11/13/09; 11/1/09

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/547,443

Attorney Docket No. 2009-IP-021545U1

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Craig Roddy

Internal Address: Halliburton Law Dept

Street Address: P.O. Box 1431

City: Duncan

State: OK Zip: 73536

Phone Number: 580-251-3012

Fax Number: 580-251-3917

Email Address: craig.rodty@halliburton.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Bradley A. Misley/

Signature

January 27, 2010

Date

Bradley A. Misley USPTO Reg. No. 46,937

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 023855 FRAME: 0003

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Research Triangle Institute
3040 Cornwallis Road
P.O. Box 12194
Research Triangle Park, NC 27709

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 invention in **"RADIATION-INDUCED TRIGGERING FOR SET-ON-COMMAND COMPOSITIONS AND METHODS OF USE"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 12/547,443; filed August 25, 2009
- ☐ Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions 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 and Trademarks of the United States of America 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 theretofore given, and that the undersigned will do all acts reasonably serving to ensure 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, declarations, and lawful affidavits in form and 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 embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as August 25, 2009 (the earliest priority date).

Oct. 30, 2009
Date

Michele L. Ostraat
MICHELE L. OSTRAAT

State of NC)

County of Durham)

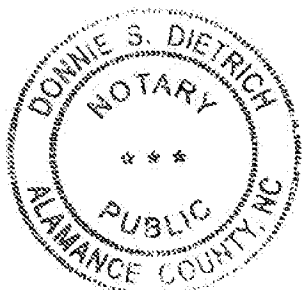
I, Donnie S. Dietrich a Notary Public for said County and State, do hereby certify that **MICHELE L. OSTRAAT** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30 day of Oct, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Oct 30, 2009
Date

James L. Davis
JAMES L. DAVIS

State of NC

County of Durham

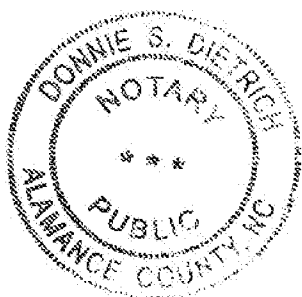
I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **JAMES L. DAVIS** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30 day of Oct, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Date Oct. 30, 2009

Vijay Gupta
VIJAY GUPTA

State of NC

County of Durham

I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **VIJAY GUPTA** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30 day of Oct, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Oct 30, 2009
Date

DAVID F. MYERS
DAVID F. MYERS

State of NC)

County of Durham)

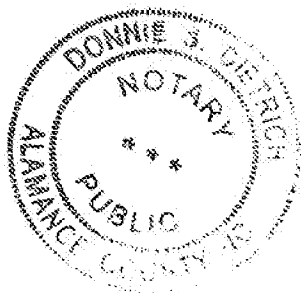
I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **DAVID F. MYERS** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30 day of Oct, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



11-13-09
Date

Andrew K. Dummer
ANDREW K. DUMMER

State of NC

County of Durham

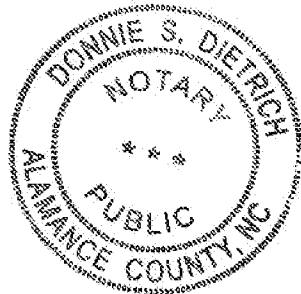
I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **ANDREW K. DUMMER** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 13th day of Nov, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Date Oct 30, 2009

Michael K. Lamik
MICHAEL K. LAMIK
LAMVIK

State of NC

County of Durham

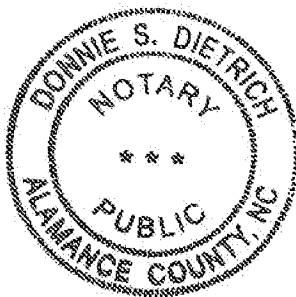
I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **MICHAEL K. LAMIK** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30 day of October, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Date 11/13/09 J. Rao
VIKRAM RAO

State of NC)
County of Durham)

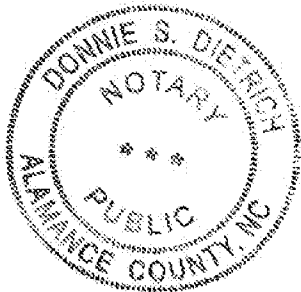
I, Donnie S. Dietrich, a Notary Public for said County and State, do hereby certify that **VIKRAM RAO** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 13th day of NOV, 2009.

(Official Seal)

Donnie S. Dietrich
Notary Public

My commission expires April 17, 2010



Nov 1, 2009
Date

Lawrence R Roberts
LAWRENCE ROBERTS

State of MASSACHUSETTS)

County of MIDDLESEX)

I, Ronin Dennis C Donoghue a Notary Public for said County and State, do hereby certify that **LAWRENCE ROBERTS** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 1st day of November, 2009.

(Official Seal)

My commission expires 4/7/11

Ronin Dennis C Donoghue
Notary Public
Ronin Dennis C Donoghue