

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
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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)
 Hung Loui, James Carroll, Paul G. Clem and Michael B. Sinclair
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Sandia Corporation
 Internal Address: MS-0161
 Street Address: P.O. Box 5800, MS-0161
 City: Albuquerque
 State: New Mexico
 Country: USA Zip: 87185
 Additional name(s) & address(es) attached? Yes No


3. Nature of conveyance/Execution Date(s):
 Execution Date(s) _____
 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)
13/191,176
 (Attorney Docket No. SD11364.1/S118545)
 B. Patent No. (s)
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Sandia National Laboratories
 Internal Address: Legal Technology Transfer Center
 Street Address: P.O. Box 5800, MS-0161
 City: Albuquerque
 State: New Mexico Zip: 87185
 Phone Number: 505-284-9280
 Fax Number: 505-844-1418
 Email Address: kkamb@scs.sandia.gov

6. Total number of applications and patents involved: one
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 19-0131
 Authorized User Name Kevin W. Bieg

9. Signature: 
 Signature
 Kevin W. Bieg
 Name of Person Signing

8/15/2011
 Date

Total number of pages including cover sheet, attachments, and documents: 4

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 1460, Alexandria, V.A. 22313-1450

CH \$40.00 190131 13191176

SD11364.1/S118,545

July 21, 2011

ASSIGNMENT

WHEREAS, **Hung Loui, James Carroll, Paul G. Clem and Michael B. Sinclair** of **Albuquerque, New Mexico**, has(have) made an invention relating to **Resonant Dielectric Metamaterials** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-129023** duly executed by said inventors and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) assigned to Sandia Corporation, its successors and assigns, all of Inventor(s) rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, title to the above-identified invention vests in the Government of the United States, as represented by the U.S. Department of Energy, as governed by 42 U.S.C. 5908; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

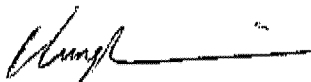
THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, to the extent that Inventor(s) right, title, and interest in and to said invention has(have) not already been sold, assigned, or transferred to Sandia Corporation by Inventor(s) in consideration of Inventor(s) employment by Sandia Corporation.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

I hereby authorize and request my attorney, Kevin Bieg, of Sandia Corporation, Albuquerque, New Mexico, to insert here in parentheses (Application No. 13/191,176, filed July 26, 2011), the application number and filing date of said application when known.

S11364.1/S118,545
July 21, 2011

Signed at Albuquerque, New Mexico.




Hung Loui

7/21/2011

Date

James Carroll

Date



Paul G. Clem

7/21/2011

Date



Michael B. Sinclair

7/26/2011

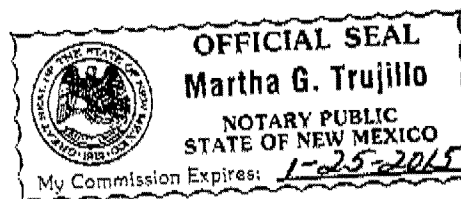
Date

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, Martha G. Trujillo, Notary Public, ~~James Carroll~~, Paul G. Clem and Michael B. Sinclair, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

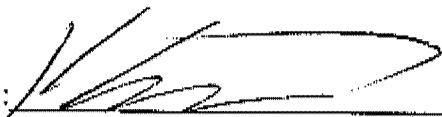


Notary Public



Approved and consented to this 11 day of August, 2011.

SANDIA CORPORATION

By: 

Kerry Kampschmidt
Chief IP Counsel
Legal Technology Transfer Center

S11364.1/S118,545

July 21, 2011

Signed at Albuquerque, New Mexico.

Hung Loui

Date

[Signature]

James Carroll

July 25, 2011

Date

Paul G. Clem

Date

Michael B. Sinclair

Date

STATE OF NEW MEXICO)

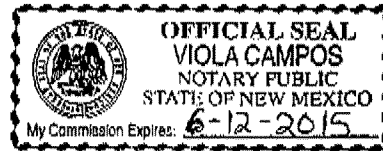
) ss:

COUNTY OF BERNALILLO)

On the above dates, personally appeared before me, *Viola Campos* ~~Martha G. Trujillo~~, Notary Public, ~~Hung Loui, James Carroll, Paul G. Clem and Michael B. Sinclair~~, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.

Viola Campos

Notary Public



Approved and consented to this 11 day of August, 2011.

SANDIA CORPORATION

By: *[Signature]*

Kerry Kampschmidt
Chief IP Counsel
Legal Technology Transfer Center