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Form PTC-1585 (Rev. 06/94) Omb NO. 0651-0027 (EXP. 8/30/2005)	U.S. DEPARATMENT OF COMMERCE United States Patent and Trademark Office	
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)/Execution Date(s):	2. Name and address of receiving party(ies)	
Xomalin Guaiuli Peralta, Igal Brener and John D. Williams	Name SANDIA CORPORATION, OPERATOR OF SANDIA NATIONAL LABORATORIES	
	Internal Address: P.O. BOX 5800 MS-0161	
Execution Dates) 10/30/2008 and 03/23/2009	Street Address:	
Additional name(s) of conveying party(les) attached? Yes No		
3. Nature of conveyance:	City: Albuquerque	
	State: NM	
☐ Security Agreement ☐ Change of Name	Country: <u>USA</u> Zip: <u>87185-0161</u>	
☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License		
☐ Other	Additional name(s) & address(es) attached? 🔲 Yes 📋 No	
4. Application or patent number(s):	This document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
12/262,422		
	allested O T Ves MA	
	attached? Yes No 6. Total number of applications and patents	
Name and addres to whom correspondence concerning document should be mailed:	involved: 1	
Name: Russell D. Elliott	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Sandia National Laboratories	☐ Authorized to be charged by credit card	
Intellectual Property Center, 11500		
Mail Stop 0161		
	☑ Authorized to be charged to deposit account	
Street Address:	☐ Enclosed	
	☐ None required (government interest not affecting title)	
City: Albuquerque	8. Payment Information	
State: NM Zip: 87185-0161	a. Credit Card Last 4 Numbers	
Phone Number: 505-844-5626	Expiration Date	
Fax Number: 505-844-1418	b, Deposit Account Number _ 19-0131	
Email Address: rusty@sandia.gov	Authorized User Name	
9. Signature: Signature	5/19/2009 Date	
Kevin W. Bieg Name of Person Signing	Total number of pages including cover sheet, attachments, and documents	

Decuments to be recorded (including cover sheet) should be faxed to (703) 305-5995, or mailed to:
Meil Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 022705 FRAME: 0621

SD10944/S114116 October 2008

ASSIGNMENT

WHEREAS, Xomalin Guaiuli Peralta and Igal Brener of Albuquerque, New Mexico, John O'Hara, Abul Azad, Evgenya Smirnova of Los Alamos, New Mexico, John D. Williams of Decatur, Alabama and Richard D. Averitt of Boston, Massachusetts has(have) made an invention relating to Terahertz 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-114,116 duly executed by said inventors and

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

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.

PATENT REEL: 022705 FRAME: 0622

SDI0944/\$114116 October 2008

Page 2

Signed at Albuquerque, New Mexi-	ico.
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Xomalin Guaiuli Peralta

gal Brener

Date

STATE OF NEW MEXICO

) ss:

COUNTY OF BERNALILLO)

On above dates, personally appeared before me, Notary Public, Viola Campos, Xomalin Guaiuli Peralta and Igal Brener, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

Approved and consented to this Sortage day of OCTORSER

SANDIA CORPORATION

Russell D. Elliott

Chief IP Counsel

Intellectual Property Center, MS 0161

SD10944/S114116 October 2008

Signed at AUntsville, AL
City, State

John D. Williams

3 23 69 Date

STATE OF <u>Madison</u>) ss

On above dates, personally appeared before me, Notary Public, John J., 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.

MY COMMISSION EXPIRES

06/26/2012

Approved and consented to this <u>33rd</u> day of <u>March</u>

Russell D. Elliott

Chief IP Counsel

Intellectual

Property Center, MS 0161

PATENT REEL: 022705 FRAME: 0624