

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ifeanyi Charles Ume</td> <td>05/02/2013</td> </tr> <tr> <td>Tsun-Yen Wu</td> <td>05/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ifeanyi Charles Ume	05/02/2013	Tsun-Yen Wu	05/02/2013				
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Tsun-Yen Wu	05/02/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Georgia Tech Research Corporation</td> </tr> <tr> <td>Street Address:</td> <td>505 Tenth Street, NW</td> </tr> <tr> <td>City:</td> <td>Atlanta</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30332-0415</td> </tr> </table>		Name:	Georgia Tech Research Corporation	Street Address:	505 Tenth Street, NW	City:	Atlanta	State/Country:	GEORGIA	Postal Code:	30332-0415
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4049626849 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (404) 885-2773 Email: candice.dysart@troutmansanders.com Correspondent Name: Ryan A. Schneider Address Line 1: 600 Peachtree Street, NE, Suite5200 Address Line 2: Bank of America Plaza Address Line 4: Atlanta, GEORGIA 30308-2216</p>											
ATTORNEY DOCKET NUMBER:	GTRC5680										
NAME OF SUBMITTER:	Candice P. Dysart										
Signature:	/Candice P. Dysart/										
Date:	06/12/2013										

CH \$40.00 13883304

Total Attachments: 4

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ASSIGNMENT

WHEREAS, We, **Ifeanyi Charles Ume and Tsun-Yen Wu** (collectively referred to as "ASSIGNOR"), have invented certain improvements in **WELD ANALYSIS USING LASER GENERATED NARROWBAND LAMB WAVES**, for which a Patent Cooperation Treaty patent application was filed on August 30, 2011 and provided Serial No. PCT/US2011/049787, and for which a U.S. National Stage Application will be filed, and for which future foreign and domestic applications may be filed, (collectively referred to as the "Application"), and whereas

GEORGIA TECH RESEARCH CORPORATION
505 Tenth Street, N.W.
Atlanta, Georgia 30332-0415
United States

("ASSIGNEE") desires to purchase all of ASSIGNOR's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related U.S. Applications"), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related U.S. Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related U.S. Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related U.S. Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related U.S. Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related U.S. Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2 day of May, 2013.

Icume (SEAL)
Ifeanyi Charles Ume

Witnessed by: Jie Gong
Signature
JIE GONG
Printed Name of Witness

Date: May 2nd 2013

Witnessed by: Lei Yang
Signature
LEI YANG
Printed Name of Witness

Date: May 2nd 2013

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2013.

(SEAL)
Ifeanyi Charles Ume

State of _____
County of _____

On this _____ day of _____, 2013, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2 day of May, 2013.

Tsun-Yen Wu (SEAL)
Tsun-Yen Wu

Witnessed by: [Signature]
Signature

Date: 5/2/13

MANUEL PERERA GARCIA
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 05/02/2013

MANUEL PERERA GARCIA
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2013.

(SEAL)
Tsun-Yen Wu

State of _____

County of _____

On this _____ day of _____, 2013, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

In Witness Whereof, Assignee hereby accepts from Assignor the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Application, Related U.S. Applications and Related Foreign Applications, by its duly authorized officer this 4th day of June, 2013.

**Georgia Tech Research Corporation
(Assignee)**

By: Kimberly Dunn

Name: Kimberly Dunn

Title: Authorized Signatory

Witnessed by: B. Rene Osborn
Signature

Date: June 4, 2013

B. Rene Osborn
Printed Name of Witness

Witnessed by: Cynthia D. Jackson
Signature

Date: June 4, 2013

Cynthia D. Jackson
Printed Name of Witness