

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	IFEANYI CHARLES UME	09/30/2016	
	LEI YANG	09/28/2016	
RECEIVING PARTY DATA			
Name:	GEORGIA TECH RESEARCH CORPORATION		
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City:	ATLANTA		
State/Country:	GEORGIA		
Postal Code:	30332-0415		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	15573370	
CORRESPONDENCE DATA			
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ATTORNEY DOCKET NUMBER:	011529.112904 (GTRC6977)		
NAME OF SUBMITTER:	RYAN A. SCHNEIDER		
SIGNATURE:	/Ryan A. Schneider/		
DATE SIGNED:	09/30/2019		
Total Attachments: 4			
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ASSIGNMENT

WHEREAS, We, Kessyi Charles Ume and Lei Yang (collectively referred to as "Assignor"), have invented certain improvements in **Weld Analysis Using Lamb Waves And A Neural Network**, for which a U.S. Provisional Patent Application was filed May 11, 2015 and provided Application No. 62/159,686, and for which an International Application was filed May 11, 2016 and provided Application No. PCT/US2016/031939 and for which future 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 US 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 US 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 US 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 US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US 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.

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TROUTMAN
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PATENT

REEL: 050592 FRAME: 0588

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30 day of Sept., 2016

I. Ume (SEAL)
Ifeanyi Charles Ume

Witnessed by: Vishnu
Signature

Date: 09/30/2016

Vishnu Vardhan Busi Reddy
Printed Name of Witness

Witnessed by: Aaron M. Mebane
Signature

Date: 30th Sept 2016

Aaron M. Mebane
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 _____, 2015.

(SEAL)
Ifeanyi Charles Ume

State of _____

County of _____

On this _____ day of _____, 2015, 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:

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TROUTMAN
SANDERS

PATENT
REEL: 050592 FRAME: 0589

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 US 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 28th day of SEPTEMBER, 2016

Lei Yang 09/28/16 (SEAL)
Lei Yang

Witnessed by: [Signature]
Signature

Date: 09/28/16

ERIL LEE
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 09/28/2016

Vase Howard
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 _____, 2015.

(SEAL)
Lei Yang

State of _____

County of _____

On this _____ day of _____, 2015, 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:

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TROUTMAN
SANDERS

In Witness Whereof, Assignee hereby accepts from Assignors 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 US Applications and Related Foreign Applications, by its duly authorized officer this 20th day of JANUARY, 2017.

Georgia Tech Research Corporation
(Assignee)

By: Terry Bray

Name: Terry Bray

Title: Authorized Signatory

Witnessed by: Kathleen Scott Havey
Signature

Date: 1/20/17

Kathleen Scott Havey
Printed Name of Witness

Witnessed by: René O. Meadors
Signature

Date: 1/20/17

René O. Meadors
Printed Name of Witness