PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5454821

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIJIA DU	09/21/2018
CLAUS DANIEL	09/20/2018
JIANLIN LI	09/19/2018
DAVID L. WOOD III	10/30/2018

RECEIVING PARTY DATA

Name:	UT-BATTELLE, LLC
Street Address:	ONE BEHTEL VALLEY ROAD
Internal Address:	4500N, MS-6258
City:	OAK RIDGE
State/Country:	TENNESSEE
Postal Code:	37831-6258

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15965242

CORRESPONDENCE DATA

Fax Number: (865)574-0381

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 865-576-3767

Email: vanceke@ornl.gov

Correspondent Name: MICHAEL B. JOHNSON

Address Line 1: ONE BETHEL VALLEY ROAD

Address Line 2: 4500N, MS-6258

Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	3811.1
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	04/03/2019

Total Attachments: 6

PATENT REEL: 048777 FRAME: 0171

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PATENT REEL: 048777 FRAME: 0172

RECORDATION FO	ORM COVER SHEET
PATENT	S ONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Zhijia Du Claus Daniel	Name: UT-Battelle, LLC
Jianlin Li David L. Wood, III	Internal Address: 4500N, MS-6258
Additional name(s) of conveying party(ies) attached? Yes V	
3. Nature of conveyance/Execution Date(s):	Street Address: One Bethel Valley Road
Execution Date(s) 10/30/2018	
Assignment Merger	
Security Agreement Change of Name	City: Oak Ridge
☐ Joint Research Agreement	State: TN
Government Interest Assignment	Country: UCA 7:p:27921-6259
Executive Order 9424, Confirmatory License	Country: <u>USA</u> <u>Zip: 37831-6258</u>
Other	Additional name(s) & address(es) attached? Yes V
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
	D. 1 d.o.(e)
15/965,242	
Additional numbers at	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Michael B. Johnson	
Internal Address: UT-Battelle, LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Authorized to be charged by credit card
memai / Mariess. Of Batterio, EEG	Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address: One Bethel Valley Road	Enclosed
4500N, MS-6258	None required (government interest not affecting title)
City: Oak Ridge	8. Payment Information
	a. Credit Card Last 4 Numbers
State: _TN Zip:37831-6258	Expiration Date
Phone Number: (865) 576-3767	b. Deposit Account Number 13-1958
Fax Number: (865) 574-0381	Authorized User Name Karen E. Vance
Email Address: johnsonmb@ornl.gov	Additional designation of the state of the s
9. Signature: /Michael B. Johnson/	
Signature	Date
Michael B. Johnson, Reg. No. 65,965 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

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

ASSIGNMENT

WHEREAS, we the below-named inventors whose residences are as stated below, have an interest in an invention entitled:

MANUFACTURING OF THICK COMPOSITE ELECTRODE USING SOLVENT MIXTURES

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 15/965,242 filed on April 27, 2018, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring our entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to ASSIGNEE and its successors in interest our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

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PATENT REEL: 048777 FRAME: 0174

Name of Inventor:	Zhijis Du
Signature:	-20330- Date: 7/4/8
Residence:	11400 Woodcliff Drive, Knoxville, Tennessee 37934
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Name of Inventor:	Jianlin Li
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Name of Inventor:	David L. Wood, HI
Signature:	Date:
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Name of Inventor:	Zhijia Du
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Name of Inventor:	Claus Daniel
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Signature:	Date:
Residence:	718 Foxfield Lane, Knoxville, TN 37922

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Residence:	11400 Woodcliff Drive, Knoxville, Tennessee 37934
Name of Inventor:	Claus Daniel
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Residence:	630 Augusta National Way, Knoxville, Tennessee 37934
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Signature:	Date: 9/19/20/8
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Signature:	Date:
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Residence:	630 Augusta National Way, Knoxville, Tennessee 37934	
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Signature:	Date:	
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Name of Inventor. Signature:	David L. Wood, III 2. Language Date: 10/30/18	
Residence:	718 Foxfield Lane, Knoxville, TN 37922	