503252876 04/07/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3299494

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
ORLANDO RIOS			03/30/2015	
MICHAEL A. MCGUIR	E		03/19/2015	
KARREN L. MORE			03/26/2015	
WYATT E. TENHAEFF	-		03/19/2015	
PAUL A. MENCHHOFI	ER		03/19/2015	
FELIX L. PAULAUSKA	S		03/19/2015	
Name:		UT-Battelle, LLC		
RECEIVING PARTY D		ttelle LLC		
Street Address:	One B	ethel Valley Road		
Internal Address:	4500N	l, MS-6258		
City:	Oak R	idge		
State/Country:	TENN	ESSEE		
Postal Code:	37831	-6258		
PROPERTY NUMBER		1 Number		
Property Type	5			
		14640788		
Application Number:				
	DATA			
CORRESPONDENCE Fax Number:		(865)574-0381		
CORRESPONDENCE Fax Number: Correspondence will	be sent t	<u> </u>	-	
Correspondence will	be sent t	(865)574-0381 o the e-mail address first; if that is unsu	-	
CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i>	be sent t	(865)574-0381 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent	-	
CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone:	be sent t f provide	(865)574-0381 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent (865) 574-4178	÷.	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email:	be sent t f provide	(865)574-0381 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent (865) 574-4178 warfielde@ornl.gov	-	

Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	2880 UTB
NAME OF SUBMITTER:	ELIZABETH WARFIELD
SIGNATURE:	/Elizabeth Warfield/
DATE SIGNED:	04/07/2015

Total Attachments: 8

source=Joe UTB Assignment Coversheet#page1.tif source=2880_UTB Assignment#page1.tif source=2880_UTB Assignment#page2.tif source=2880_UTB Assignment#page3.tif source=2880_UTB Assignment#page4.tif source=2880_UTB Assignment#page5.tif source=2880_UTB Assignment#page6.tif source=2880_UTB Assignment#page7.tif Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Orlando Rios Paul A. Menchhofer	Name: UT-Battelle, LLC
Michael A. McGuire Felix L. Paulauskas Karren L. More	Internal Address: 4500N, MS-6258
Wyatt E. Tenhaeff	
Additional name(s) of conveying party(ies) attached? Yes 🗸 No	
3. Nature of conveyance/Execution Date(s):	Street Address: One Bethel Valley Road
Execution Date(s) <u>3/30/2015</u>	
Assignment Merger	City: Oak Ridge
Security Agreement Change of Name	
Joint Research Agreement	State: TN
Government Interest Assignment	Country: USA Zip: 37831-6258
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? 🗌 Yes 🔽 No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
14/640,788	
Additional numbers at	ached? Yes Vo
Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed:	ached? Yes VNo 6. Total number of applications and patents involved: 1
5. Name and address to whom correspondence	6. Total number of applications and patents involved: 1
5. Name and address to whom correspondence concerning document should be mailed: Name: Joseph A. Marasco	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card
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5. Name and address to whom correspondence concerning document should be mailed: Name: Joseph A. Marasco Internal Address: UT-Battelle, LLC Street Address: One Bethel Valley Road 4500N, MS-6258	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card ✓ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
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5. Name and address to whom correspondence concerning document should be mailed: Name: Joseph A. Marasco Internal Address: UT-Battelle, LLC Street Address: One Bethel Valley Road 4500N, MS-6258 City: Oak Ridge	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card ✓ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
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5. Name and address to whom correspondence concerning document should be mailed: Name: Joseph A. Marasco Internal Address: UT-Battelle, LLC Street Address: One Bethel Valley Road 4500N, MS-6258 City: Oak Ridge State: TN Zip:37831-6258 Phone Number: (865) 574-4178 Fax Number: (865) 574-0381 Email Address: marascoja@ornl.gov 9. Signature: /Joseph A. Marasco/	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 13-1958 Authorized User Name Elizabeth Warfield 4/7/2015 Date

ASSIGNMENT

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

Low Temperature Stabilization Process for Production of Carbon Fiber having High Structural Order

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 14/640,788 filed on March 6, 2015, 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.

PATENT REEL: 035345 FRAME: 0200

1

Name of Inventor:	Orlando Rios
Signature: Office	es his Date: 3-30-15
Residence:	10333 Boston Lane, Knoxville, Tennessee 37932
Name of Inventor:	Michael A. McGuire
Signature:	Date:
Residence:	7224 Regency Road, Knoxville, Tennessee 37931
Name of Inventor:	Karren L. More
Signature:	Date:
Residence:	7544 Christin Lee Circle, Knoxville, Tennessee 37931
Name of Inventor:	Wyatt E. Tenhaeff
Signature:	Date:
Residence:	104 Wellington Drive, Rochester, New York 14623
Name of Inventor:	Paul A. Menchhofer
Signature:	Date:
Residence:	525 Carroll Hollow Road, Clinton, Tennessee 37716
Name of Inventor:	Felix L. Paulauskas
Signature:	Date:
Residence:	12851 Highwick Circle, Knoxville, Tennessee 37934

2

Name of Inventor:	Orlando Rios
Signature:	Date:
Residence:	10333 Boston Lane, Knoxville, Tennessee 37932
Name of Inventor:	Michael A. McGuire
Signature: Mci	Mans Date: 3/19/2015
Residence:	7224 Regency Road, Knoxville, Tennessee 37931
Name of Inventor:	Karren L. More
Signature:	Date:
Residence:	7544 Christin Lee Circle, Knoxville, Tennessee 37931
Name of Inventor:	Wyatt E. Tenhaeff
Signature:	Date:
Residence:	104 Wellington Drive, Rochester, New York 14623
Name of Inventor:	Paul A. Menchhofer
Signature:	Date:
Residence:	525 Carroll Hollow Road, Clinton, Tennessee 37716
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	302 Big Tree Drive, Knoxville, Tennessee 37934

2

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Signature: KC	me 1 More Date: 3 26 15
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Residence:	104 Wellington Drive, Rochester, New York 14623
Name of Inventor:	Paul A. Menchhofer
Signature: <u>Jul</u>	<u>A. Menchlofu</u> Date: <u>3-19-15</u>
Residence:	525 Carroll Hollow Road, Clinton, Tennessee 37716
Name of Inventor:	Felix L. Paulauskas
Signature:	Date:
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Name of Inventor:	Felix L. Paulauskas
Signature:	Feler & Paulanskes Date: 3/19/2015
Residence:	12851 Highwick Circle, Knoxville, Tennessee 37934

2

PATENT REEL: 035345 FRAME: @206²

RECORDED: 04/07/2015