#### 503168537 02/06/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3215152

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SEUNG-YONG JUNG	01/05/2015

#### **RECEIVING PARTY DATA**

Name:	Oak Ridge Associated Universities	
Street Address:	120 Badger Ave.	
City:	Oak Ridge	
State/Country:	TENNESSEE	
Postal Code:	37830	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13161080

#### **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) 574-0393 Email: vanceke@ornl.gov **Correspondent Name:** EDNA I. GERGEL

Address Line 1: ONE BETHEL VALLEY ROAD

Address Line 2: 4500N, MS-6258

Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	2471 (ORAU)
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	02/06/2015

### **Total Attachments: 3**

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> **PATENT** REEL: 034903 FRAME: 0644 503168537

Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

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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)	2. Name and address of receiving party(ies)	
Seung-Yong Jung	Name: Oak Ridge Associated Universities Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 01/05/2015  Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424. Confirmatory License	Street Address: 120 Badger Avenue  City: Oak Ridge  State: TN  Country: USA  Zip:37830	
Executive Order 9424, Confirmatory License  Other	Additional name(s) & address(es) attached? Yes Vo	
A. Patent Application No.(s)  13/161,080  Additional numbers att	document is being filed together with a new application.  B. Patent No.(s)  tached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name:Edna I. Gergel	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: UT-Battelle, LLC	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	
State: TN Zip:37831-6258	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: (865) 574-0393	·	
Fax Number: (865) 574-0381	b. Deposit Account Number 13-1958	
Email Address: gergelei@ornl.gov	Authorized User Name Karen E. Bowman	
9. Signature:  /Edna I. Gergel/ Signature  Edna I. Gergel, Reg. No. 50819 Name of Person Signing	Z/6/2015  Date  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

REEL: 034903 FRAME: 0645

#### ASSIGNMENT

WHEREAS, I the below-named inventor whose residence is stated below, have co-invented certain new and useful improvements in

# Generation of Monodisperse Droplets by Shape-Induced Shear and Interfacial Controlled Fusion of Individual Droplets On-Demand

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 13/161,080 filed on June 15, 2011, and

WHEREAS, Oak Ridge Associated Universities, the not-for-profit operating contractor of the U.S. Department of Energy's Oak Ridge Institute for Science and Education under it prime contract No. DE-AC05-06OR23100, having an address at 100 ORAU Way, Post Office Box 117, Mail Stop 27, Oak Ridge, Tennessee 37831-0117, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my 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 applications therefor on the Subject Invention.

I 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, I 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.

I 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 me, my heirs, legal representatives, and assigns.

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Name of Inve	ntor: Seung-Yong Jung
Signature:	Date: 1/5/157
Paridonas:	410 Evelyn Ave #104 Albany CA 94706

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PATENT REEL: 034903 FRAME: 0647