

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2941882

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MAN SOO CHOI	03/28/2014
KYUNGYEON HA	03/28/2014
HOSEOP CHOI	03/28/2014
KYUHEE HAN	03/28/2014
KINAM JUNG	03/28/2014
DONGJOON LEE	03/28/2014
SUKBYUNG CHAE	03/28/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	GLOBAL FRONTIER CENTER FOR MULTISCALE ENERGY SYSTEMS
<b>Street Address:</b>	1 GWANAK-RO
<b>City:</b>	GWANAK-GU, SEOUL
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Postal Code:</b>	151-742
<b>Name:</b>	SNU R&DB FOUNDATION
<b>Street Address:</b>	1 GWANAK-RO
<b>City:</b>	GWANAK-GU, SEOUL
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Postal Code:</b>	151-742

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14351476

**CORRESPONDENCE DATA**

**Fax Number:** (763)571-5157

*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:** 404-949-5730

**Email:** patents@daiplaw.com

**Correspondent Name:** PETER S. DARDI, PH.D.

**Address Line 1:** DARDI & HERBERT, PLLC

**Address Line 2:** 1250 EAST MOORE LAKE DRIVE, SUITE 205

**Address Line 4:** FRIDLEY, MINNESOTA 55432

502895285

**PATENT**  
**REEL: 033328 FRAME: 0924**

<b>ATTORNEY DOCKET NUMBER:</b>	5107.05US01
<b>NAME OF SUBMITTER:</b>	PETER S. DARDI, PH.D.
<b>SIGNATURE:</b>	/Peter S. Dardi/
<b>DATE SIGNED:</b>	07/16/2014
<b>Total Attachments: 6</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

ASSIGNMENT

WHEREAS, we, Man Soo CHOI of Seoul, Kyungyeon HA of Seoul, Hoseop CHOI of Seoul, Kyuhee HAN of Gyeonggi-do, Kinam JUNG of Seoul, Dongjoon LEE of Gangwon-do, and Sukbyung CHAE of Sejong, all of the Republic of KOREA, have invented certain new and useful improvements in MULTI-TIP SPARK DISCHARGE GENERATOR AND METHOD FOR PRODUCING NANOPARTICLE STRUCTURE USING SAME, for which an application for Letters Patent of the United States is being/has been made, and which may be identified in the United States Patent Office by Application No. 14/351,476, filed April 11, 2014.

WHEREAS, Global Frontier Center for Multiscale Energy Systems having its principal offices at 1 Gwanak-ro, Gwanak-gu, Seoul 151-742 Republic of KOREA, and SNU R&DB Foundation having its principal offices at 1 Gwanak-ro, Gwanak-gu, Seoul 151-742 Republic of KOREA, (collectively referred to as "Assignee"), are desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.


We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's

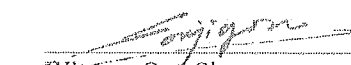
enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

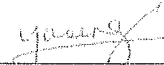
Date: March 28, 2014

  
Man Soo CHOI

Date: March 28, 2014

Jiyeon Eom  
Witness One Printed Name  
  
Witness One Signature


Date: March 28, 2014

Taeyang Lee  
Witness Two Printed Name  
  
Witness Two Signature

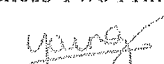
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3LMOH  
Kyungyeon HA

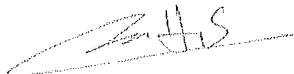
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Jiyeon Eom  
Witness One Printed Name  
  
Witness One Signature

Date: March 28, 2014

Taeyang Lee  
Witness Two Printed Name  
  
Witness Two Signature

Date: March 28, 2014

  
\_\_\_\_\_  
Hoseop CHOI

Date: March 28, 2014

  
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Witness One Printed Name

  
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Witness One Signature

Date: March 28, 2014

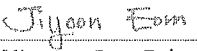
  
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Kyuhec HAN

Date: March 28, 2014

  
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Witness One Printed Name

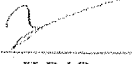
  
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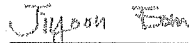
  
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Witness Two Signature

Date: March 28, 2014

  
Kinam JUNG

Date: March 28, 2014

  
Witness One Printed Name

  
Witness One Signature

Date: March 28, 2014

  
Witness Two Printed Name

  
Witness Two Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Dongjoon LEE

Date: \_\_\_\_\_

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Witness One Signature

Date: \_\_\_\_\_

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Ginam JEONG

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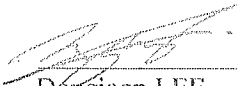
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Witness Two Signature

Date: March 28, 2014

  
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Dongjoon LEE

Date: March 28, 2014

Tyoon Eom  
\_\_\_\_\_  
Witness One Printed Name

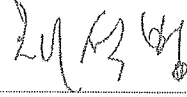
  
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Date: March 28, 2014

Taeyoung Lee  
\_\_\_\_\_  
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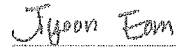
young  
\_\_\_\_\_  
Witness Two Signature

Date: March 28, 2014



Sukbyung CHAE

Date: March 28, 2014

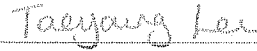


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Witness One Signature

Date: March 28, 2014



Witness Two Printed Name



Witness Two Signature