

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
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HEE-YEON KIM	05/28/2015
GUK-HYEON KWON	05/28/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14726816
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<b>SIGNATURE:</b>	/MARIELA KLIEVER/
<b>DATE SIGNED:</b>	06/01/2015
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

Whereas, new and useful improvements and inventions have been made by the undersigned in

### **METAL-CARBON HYBRID COMPOSITE HAVING NITROGEN-DOPED CARBON SURFACE AND METHOD FOR MANUFACTURING THE SAME**

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date indicated below in the appropriate space to the right of the signature of the undersigned, which application is further identified as U.S. Patent Application Serial No. 14/726816, filed June 1, 2015 (Rankin, Hill & Clark Docket No. \_\_\_\_\_).

Whereas, Korea Institute of Energy Research, a corporation of the Republic of Korea, having a principal place of business at 152 Gajeong-ro, Yuseong-gu, Daejeon 305-343, Republic of Korea, hereinafter referred to as "assignee," is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

Now, Therefore, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to

comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In Witness Whereof, this assignment has been executed below by the undersigned:

Hee yeon Kim

Hee-Yeon KIM  
308-703, Central Park Apt.,  
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May 28<sup>th</sup>, 2015

Date I signed this  
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Guk Hyeon KWON

Guk-Hyeon KWON  
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May 28<sup>th</sup>, 2015

Date I signed this  
assignment