

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SATORU NAKAMURA	09/06/2013
AKIO TADA	09/06/2013
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<b>Name:</b>	NATIONAL UNIVERSITY CORPORATION KITAMI INSTITUTE OF TECHNOLOGY
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15078745
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<b>ATTORNEY DOCKET NUMBER:</b>	Q224960
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<b>SIGNATURE:</b>	/Veronica Gardner/

<b>DATE SIGNED:</b>	03/24/2016
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<b>Total Attachments: 1</b> source=Q224960AssignmentExecuted#page1.tif
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# ASSIGNMENT

Whereas, I/we Satoru NAKAMURA and Akio TADA both of Hokkaido, Japan

hereinafter called assignor(s), have invented certain improvements in  
SYNTHESIS GAS AND NANOCARBON PRODUCTION METHOD AND PRODUCTION SYSTEM

and executed an application for Letters Patent of the United States of America therefor on

September 6, 2013; and

Whereas, THE JAPAN STEEL WORKS, LTD.,  
11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 1410032 Japan and  
National University Corporation Kitami Institute of Technology,  
165, Koen-cho, Kitami-shi, Hokkaido 0908507 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: September 6, 2013 s/ Satoru Nakamura  
Satoru NAKAMURA

Date: September 6, 2013 s/ Akio Tada  
Akio TADA

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)