

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tatsuro Saito</td><td>08/09/2011</td></tr><tr><td>Makoto Wada</td><td>08/09/2011</td></tr><tr><td>Akihiro Kajita</td><td>08/09/2011</td></tr></tbody></table>	Name	Execution Date	Tatsuro Saito	08/09/2011	Makoto Wada	08/09/2011	Akihiro Kajita	08/09/2011	
Name	Execution Date								
Tatsuro Saito	08/09/2011								
Makoto Wada	08/09/2011								
Akihiro Kajita	08/09/2011								
RECEIVING PARTY DATA									
Name:	KABUSHIKI KAISHA TOSHIBA								
Street Address:	1-1, Shibaura 1-chome								
Internal Address:	Minato-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	105-8001								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13216445</td></tr></tbody></table>	Property Type	Number	Application Number:	13216445					
Property Type	Number								
Application Number:	13216445								
CORRESPONDENCE DATA									
Fax Number: (216)696-8731 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 2166968730									
Email: cszudy@thepatentattorneys.com									
Correspondent Name: Turocy & Watson, LLP									
Address Line 1: 57th Floor, Key Tower									
Address Line 2: 127 Public Square									
Address Line 4: Cleveland, OHIO 44114									
ATTORNEY DOCKET NUMBER:	TOSHP765US								
NAME OF SUBMITTER:	Gregory Turocy								
Total Attachments: 2 source=ASSIGN765#page1.tif source=ASSIGN765#page2.tif									

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PATENT  
REEL: 026798 FRAME: 0664

# ASSIGNMENT

DPG055172-USA-A  
(11S0111)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## GRAPHENE INTERCONNECTION AND METHOD OF MANUFACTURING THE SAME

have sold and assigned and do hereby sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a Japanese corporation, having a business address at  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) ☒ executed concurrently herewith  
☐ executed on ;  
☒ Application No. 13/216,445 , filed August 24, 2011 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Turocy & Watson, LLP, 57th Floor - Key Tower 127 Public Square Cleveland, OH 44114

# ASSIGNMENT

DPG055172-USA-A  
(11S0111)

[1st Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Tatsuro Saito*

*Aug 9, 2011*

Tatsuro Saito

Date:

[2nd Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Makoto Wada*

*Aug. 9. 2011*

Makoto Wada

Date:

[3rd Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Akihiro Kajita*

*Aug. 9, 2011*

Akihiro Kajita

Date: