

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3548936

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IAN KINLOCH	09/28/2015
ROBERT YOUNG	09/28/2015
LEI GONG	08/24/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE UNIVERSITY OF MANCHESTER
<b>Street Address:</b>	FOUNTAIN PRECINCT
<b>Internal Address:</b>	BALM GREEN
<b>City:</b>	SHEFFIELD
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	S12JA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14376049
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)526-5000
<i>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.</i>	
<b>Phone:</b>	617-526-6751
<b>Email:</b>	james.coughlan@wilmerhale.com
<b>Correspondent Name:</b>	JAMES F. COUGHLAN
<b>Address Line 1:</b>	60 STATE STREET
<b>Address Line 2:</b>	WILMERHALE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	2206057.126US1
<b>NAME OF SUBMITTER:</b>	JAMES F. COUGHLAN
<b>SIGNATURE:</b>	/James F. Coughlan/
<b>DATE SIGNED:</b>	09/30/2015
<b>Total Attachments: 10</b>	
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source=126US1 Signed Assignment#page10.tif

ASSIGNMENT

WHEREAS, the undersigned, to wit:

Ian KINLOCH residing at c/o The University of Manchester, Oxford Road,  
MANCHESTER, M13 9PL, UNITED KINGDOM;

Robert YOUNG residing at c/o The University of Manchester, Oxford Road,  
MANCHESTER, M13 9PL, UNITED KINGDOM;

Lei GONG residing at c/o The University of Manchester, Oxford Road,  
MANCHESTER, M13 9PL, UNITED KINGDOM

(hereinafter collectively ASSIGNORS), have made a certain new and useful invention  
as set forth in an application for United States Letters Patent, entitled:

“GRAPHENE COMPOSITES”

- (a)  which is being filed herewith in the United States Patent and Trademark Office;
- (b)  which was filed as U.S. Patent Application No. 14/376049  
on July 31, 2014 ;

AND WHEREAS, The University of Manchester (hereinafter ASSIGNEE), a  
corporation having its principal place of business at Fountain Precinct, Balm Green, Sheffield,  
S12JA, United Kingdom, is desirous of acquiring the entire right, title, and interest in and to  
said invention and any and all patents that may be obtained therefor, and in and to said  
application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency  
of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over  
unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and  
interest in and to said invention throughout the world, and any and all patents of the United  
States and foreign countries that may be obtained therefor, including the right to sue for past  
infringement and obtain past damages, and in and to said application, including any and all  
continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and  
extensions thereof, and any and all patents of the United States and foreign countries that may  
issue therefrom, such right, title, and interest including the right to file applications and obtain  
patents, utility models, industrial models, and designs for said invention in the name of said  
ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including  
all rights of priority, all rights to publish cautionary notices reserving ownership of said  
invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire  
right, title, and interest herein assigned, and that they have not and will not execute any  
agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and  
Trademarks to issue any and all Letters Patent of the United States on said invention or

resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do hereby grant the following individuals 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:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

This ASSIGNMENT is effective as of July 31, 2014 .

28 Sep 2015 Ian Kinloch  
Date Ian Kinloch

Witness:

28 Sep 2015 Alice Hawes  
Date

28/9/2015  
Date

R. J. Young  
Robert Young

Witness:

28/9/2015  
Date

A. Jensen

Attorney Docket No.: Error! Unknown document property name.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lei Gong

Witness:

\_\_\_\_\_  
Date

**ASSIGNMENT**

WHEREAS, the undersigned, to wit:

Ian KINLOCH residing at c/o The University of Manchester, Oxford Road,  
MANCHESTER, M13 9PL, UNITED KINGDOM;

Robert YOUNG residing at c/o The University of Manchester, Oxford Road,  
MANCHESTER, M13 9PL, UNITED KINGDOM;

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or



resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do hereby grant the following individuals 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:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

This ASSIGNMENT is effective as of July 31, 2014 .

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ian Kinloch

Witness:

\_\_\_\_\_  
Date

\_\_\_\_\_

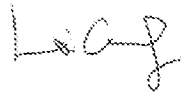
\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert Young

Witness:

\_\_\_\_\_  
Date

\_\_\_\_\_



24/08/2015

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lei Gong

Witness:

\_\_\_\_\_  
Date