

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5239003

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHI-XIANG HUANG	11/02/2018
HUI-YING YANG	06/28/2018
YE WANG	06/20/2018
RECEIVING PARTY DATA	
Name:	AIRBUS SINGAPORE PRIVATE LIMITED
Street Address:	78 SHENTON WAY, #16-01
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	079120
Name:	SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN
Street Address:	8 SOMAPAH ROAD
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	487372
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16066420
CORRESPONDENCE DATA	
Fax Number:	(919)419-0383
<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>	
Phone:	919-493-8000
Email:	gchaney@jwth.com
Correspondent Name:	JEFFREY L. WILSON
Address Line 1:	3015 CARRINGTON MILL BLVD.
Address Line 2:	SUITE 550
Address Line 4:	MORRISVILLE, NORTH CAROLINA 27560
ATTORNEY DOCKET NUMBER:	3165/15 PCT-US
NAME OF SUBMITTER:	GAYLE W. CHANEY

SIGNATURE:	/gayle w. chaney/
DATE SIGNED:	11/15/2018
Total Attachments: 6 source=ASSIGNMENT_3165-15_PCT-US#page1.tif source=ASSIGNMENT_3165-15_PCT-US#page2.tif source=ASSIGNMENT_3165-15_PCT-US#page3.tif source=ASSIGNMENT_3165-15_PCT-US#page4.tif source=ASSIGNMENT_3165-15_PCT-US#page5.tif source=ASSIGNMENT_3165-15_PCT-US#page6.tif	

ASSIGNMENT

WHEREAS, I, Zhi-Xiang Huang, as a citizen of Singapore (hereinafter "Assignor"), have invented certain new and useful improvements in **GROUP IV-VI COMPOUND GRAPHENE ANODE WITH CATALYST** (hereinafter "Invention") for which application for a U. S. Patent was made on June 27, 2018 as Application Serial No. 16/066,420 and listing as co-inventors Hui-Ying Yang and Ye Wang, and which claims priority to PCT Patent Application No. PCT/IB2016/058029 filed December 28, 2016, which claims priority to PCT/IB2016/050012 filed January 4, 2016 (hereinafter "Applications"). Assignor hereby authorizes Jenkins, Wilson, Taylor & Hunt, P.A. to insert the filing date and Serial No. in the appropriate areas above.

AND, WHEREAS, Airbus Singapore Private Limited, a corporation duly organized and existing under the laws of Singapore and having its principal office and place of business at 78 Shenton Way, #16-01 Singapore 079120 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, his/her entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with his/her right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made. It is expressly agreed by both Assignor and Assignee that this Assignment fully conveys and transfers from Assignor to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignor hereby requests that said Patents be issued in accordance with this Assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses the unencumbered right and authority to make this Assignment.

Assignor further covenants and agrees, and likewise bind his/her heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him/her relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Applications, Patents, or Invention, including cooperating in any enforcement proceedings involving the Applications, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Patents, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 2 day of November 2018.



Zhi-Xiang Huang

Witnessed by:

<u>Glenn Sim Joey</u>	<u>2 November 2018</u>
Name	Date

<u>Leong Zhi Yi</u>	<u>2 November 2018</u>
Name	Date

* * * * *

ASSIGNMENT

WHEREAS, I, Hui-Ying Yang, as a citizen of Singapore (hereinafter "Assignor"), have invented certain new and useful improvements in **GROUP IV-VI COMPOUND GRAPHENE ANODE WITH CATALYST** (hereinafter "Invention") for which application for a U. S. Patent was made on June 27, 2018 as Application Serial No. 16/066,420 and listing as co-inventors Zhi-Xiang Huang and Ye Wang, and which claims priority to PCT Patent Application No. PCT/IB2016/058029 filed December 28, 2016, which claims priority to PCT/IB2016/050012 filed January 4, 2016 (hereinafter "Applications"). Assignor hereby authorizes Jenkins, Wilson, Taylor & Hunt, P.A. to insert the filing date and Serial No. in the appropriate areas above.

AND, WHEREAS, Singapore University of Technology and Design, a non-profit organization located at 8 Somapah Road, Singapore 487372 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, his/her entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with his/her right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made. It is expressly agreed by both Assignor and Assignee that this Assignment fully conveys and transfers from Assignor to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

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Assignor further covenants and agrees, and likewise bind his/her heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him/her relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Applications, Patents, or Invention, including cooperating in any enforcement proceedings involving the Applications, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Patents, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 28 day of June 2018.



Hui-Ying Yang

Witnessed by:

DEEPA S. Deepa S 28 June 2018
Name Date

Yow Yow Lim 28 June 2018
Name Date

ASSIGNMENT

WHEREAS, I, Ye Wang, as a citizen of China (hereinafter "Assignor"), have invented certain new and useful improvements in **GROUP IV-VI COMPOUND GRAPHENE ANODE WITH CATALYST** (hereinafter "Invention") for which application for a U. S. Patent was made on June 27, 2018 as Application Serial No. 16/066,420 and listing as co-inventors Zhi-Xiang Huang and Hui-Ying Yang, and which claims priority to PCT Patent Application No. PCT/IB2016/058029 filed December 28, 2016, which claims priority to PCT/IB2016/050012 filed January 4, 2016 (hereinafter "Applications"). Assignor hereby authorizes Jenkins, Wilson, Taylor & Hunt, P.A. to insert the filing date and Serial No. in the appropriate areas above.

AND, WHEREAS, Singapore University of Technology and Design, a non-profit organization located at 8 Somapah Road, Singapore 487372 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, his/her entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with his/her right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made. It is expressly agreed by both Assignor and Assignee that this Assignment fully conveys and transfers from Assignor to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignor hereby requests that said Patents be issued in accordance with this Assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses the unencumbered right and authority to make this Assignment.

Assignor further covenants and agrees, and likewise bind his/her heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him/her relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Applications, Patents, or Invention, including cooperating in any enforcement proceedings involving the Applications, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Patents, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 20 day of Jun 2018.



Ye Wang

Witnessed by:

麻彩云 20 Jun - 2018
Name Date

闫晓晓 20 Jun - 2018
Name Date
