

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIDONG LEI	12/08/2014
LIEHUI GE	12/08/2014
ANTONY GEORGE	12/08/2014
BO LI	12/08/2014
ROBERT VAJTAI	12/08/2014
PULICKEL M. AJAYAN	12/08/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14522215
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SIGNATURE:	/Farhang Amini/
DATE SIGNED:	01/07/2015
Total Attachments: 3	

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Assignment of Invention

WHEREAS, I, Sidong Lei, Houston, Texas, United States of America; and I, Liehui Ge, Houston, Texas, United States of America; and I, Antony George, Houston, Texas, United States of America; and I, Bo Li, Houston, Texas, United States of America; and I, Robert Vajtai, Houston, Texas, United States of America; and I, Pulickel M. Ajayan, Houston, Texas, United States of America, have invented certain new and useful improvements in "CHARGE COUPLED DEVICE BASED ON ATOMICALLY LAYERED VAN DER WAALS SOLID STATE FILM FOR OPTO-ELECTRONIC MEMORY AND IMAGE CAPTURE", for which a non-provisional application was filed on October 23, 2014, under Serial Number 14/522,215;

WHEREAS, WILLIAM MARSH RICE UNIVERSITY, a university organized under the laws of Texas, having a principal office and place of business at 6100 Main Street, Houston, Texas 77005 United States of America (hereinafter ASSIGNEE), desires to acquire from Sidong Lei, Liehui Ge, Antony George, Bo Li, Robert Vajtai and Pulickel M. Ajayan the entire right, title and interest they have in and to said invention and to any Letters Patent that may be granted thereof from said applications in the United States and its territorial possessions, and any and all countries foreign to the United States of America.

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents so sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefore in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted,

as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE 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.

EXECUTED AT: Houston, TX, U.S.
(City, State, Country)

Date: 12/08/2014
Sidong Lei
Sidong Lei

EXECUTED AT: Houston, TX, U.S.
(City, State, Country)

Date: 12/08/2014
Liehui Ge
Liehui Ge

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Date: 12/08/2014
Antony George
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Date: _____
[Signature]
Pulickel M. Ajayan