

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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SUBBIAH ALWARAPPAN	03/25/2015
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14028920
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DATE SIGNED:	06/16/2015
Total Attachments: 4	
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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Shyam S. Mohapatra	2812 Coastal Range Way, Lutz, FL 33559
Subbiah Alwarappan	No.: 14 Subramaniapuram 5 th Street, North Extension Karaikudi 63002, Tamilnadu, India

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

CHITOSAN-GRAPHENE BIOSENSORS AND METHODS FOR THEIR USE

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on September 17, 2013, and assigned Serial No. 14/028,920, and
- ☒ further described in U.S. Provisional application entitled **A Method of DNA Sensing on Graphene Platforms**, filed with the USPTO on September 17, 2012, and assigned Serial No. 61/701,754.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, University of South Florida, having a place of business at 3802 Spectrum Blvd., Suite 100, Tampa, Florida 33612, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS have sold, assigned and transferred and do hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) their entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) their entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNORS request that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.



Shyam S. Mohapatra

Date: 6/11/15



Witness

Date: 6/3/15

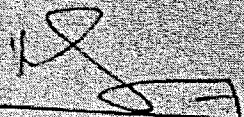
Witness

Date: _____



Subbiah Alwarappan

Date: 25.03.2015

 Dr. Sundar Mani

Witness

Date: 25.03.2015

 Dr. Kuldip

Witness

Date: 25.03.2015