

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NISHITH VERMA	01/24/2014
JANAKARAJAN RAMKUMAR	01/24/2014
PRATEEK KHARE	01/24/2014
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<b>Property Type</b>	<b>Number</b>
Application Number:	15115263
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<b>DATE SIGNED:</b>	07/29/2016
<b>Total Attachments: 5</b>	
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### ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Nishith VERMA, H No-631, Indian Institute of Technology Kanpur, Kanpur-208016, Uttar Pradesh, India and Janakarajan RAMKUMAR, 371, Type-3, Indian Institute of Technology Kanpur Campus, Kanpur-208016, Uttar Pradesh, India and Prateek KHARE, 258/7 Indrapuri Sharda Nagar Kanpur-208025, Uttar Pradesh, India

(collectively,] "Assignor"),

effective as of June 24, 2013 hereby sells, assigns, transfers, and conveys unto Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, 208016, India ("Assignee"), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Rights"):

1. the inventions disclosed in the solution report/invention disclosure titled Laser-facilitated synthesis of metal nanoparticles and carbon nanofibers-dispersed PVA-based microchannels for water remediation and all inventions claimed and/or described in the Application (collectively, the "Invention");

2. the patent applications listed in the table below (the "Application");

Patent Application No.	Country	Filing Date	Title
264/DEL/2014	IN	29 Jan. 2014	POLYMERIC NANOCOMPOSITE FILMS WITH EMBEDDED CHANNELS AND METHODS FOR THEIR PREPARATION AND USE
PCT/IB2015/050422	PCT	20 Jan. 2015	Same as above
15/115,263	US	28 Jul. 2016	Same as above

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("Potential Patents");

4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;

5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

6. all rights to claim priority rights deriving from the Application;

7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past,

present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By: Nishith VERMA  
Print name: Nishith VERMA

ATTESTATION

The undersigned witnessed the signature of Nishith VERMA to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

2. Nishith VERMA is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Jan 24, 2018, to execute this document.

3. Nishith VERMA subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: Ashish  
Print name: Ashish YADAV

By: Abhilash  
Print name: Abhilash RASTOGI

By:

J. Ram Kumar

Print name: Janakarajan RAMKUMAR

ATTESTATION

The undersigned witnessed the signature of Janakarajan RAMKUMAR to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

2. Janakarajan RAMKUMAR is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Jan 24, 2014 to execute this document.

3. Janakarajan RAMKUMAR subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By:

Ashish

Print name: Ashish YADAV

By:

Ashish

Print name: Ashish RASTOGI

By: Prateek Khare  
Print name: Prateek KHARE

ATTESTATION

The undersigned witnessed the signature of Prateek KHARE to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Prateek KHARE is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Jan 24, 2014 to execute this document.
3. Prateek KHARE subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: Ashish  
Print name: Ashish YADAV

By: Aakash  
Print name: Aakash RASTOGI