

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sandeep Venkit Anand</td><td>03/04/2010</td></tr><tr><td>Debiprosad Roy Mahapatra</td><td>03/04/2010</td></tr></tbody></table>		Name	Execution Date	Sandeep Venkit Anand	03/04/2010	Debiprosad Roy Mahapatra	03/04/2010				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Indian Institute of Science</td></tr><tr><td>Street Address:</td><td>Bangalore</td></tr><tr><td>City:</td><td>Karnataka</td></tr><tr><td>State/Country:</td><td>INDIA</td></tr><tr><td>Postal Code:</td><td>560012</td></tr></table>		Name:	Indian Institute of Science	Street Address:	Bangalore	City:	Karnataka	State/Country:	INDIA	Postal Code:	560012
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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Total Attachments: 4 source=10-174-US-CON Assignment#page1.tif source=10-174-US-CON Assignment#page2.tif source=10-174-US-CON Assignment#page3.tif source=10-174-US-CON Assignment#page4.tif											

CH \$40.00 13161218

**ASSIGNMENT OF PATENT RIGHTS**

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Sandeep Venkit ANAND, Indian Institute of Science, Bangalore 560012, INDIA and Debiprosad Roy MAHAPATRA, Indian Institute of Science, Bangalore 560012, INDIA

(collectively, "Assignor"),

effective as of March 29, 2009 hereby sells, assigns, transfers, and conveys unto Indian Institute of Science, Bangalore 560012, 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 Devices And Methods For Energy Harvesting Using Silver Electrode Ionic-Polymer Metal Composite (IPMC) Membranes 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

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 legal representative McDonnell Boehnen Hulbert & Berghoff LLP, 300 South Wacker Drive, Chicago, Illinois 60606, USA 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: Print name: Sandeep Venkit ANANDATTESTATION

The undersigned witnessed the signature of Sandeep Venkit ANAND 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. Sandeep Venkit ANAND is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 24 March, 2018, to execute this document.

3. Sandeep Venkit ANAND 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: Print name: [Name of 1<sup>st</sup> Attestor] VISHNUVARDHAN R.By: Print name: [Name of 2<sup>nd</sup> Attestor] JOLLY BHADRA

By: Debiprosad Roy Mahapatra  
Print name: Debiprosad Roy MAHAPATRA

ATTESTATION

The undersigned witnessed the signature of Debiprosad Roy MAHAPATRA 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. Debiprosad Roy MAHAPATRA is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 04 March, 2010, to execute this document.

3. Debiprosad Roy MAHAPATRA 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: Vishnuvardhan R.  
Print name: [Name of 1st Attestor] VISHNUVARDHAN R.

By: Jolly Bhadra  
Print name: [Name of 2nd Attestor] JOLLY BHADRA