

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3561062

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAUMEN MANDAL	04/02/2013
MONICA KATIYAR	04/02/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INDIAN INSTITUTE OF TECHNOLOGY KANPUR
<b>Street Address:</b>	KALYANPUR
<b>City:</b>	KANPUR, UTTAR PRADESH
<b>State/Country:</b>	INDIA
<b>Postal Code:</b>	208016
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14782600
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)644-3217
<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>	
<b>Phone:</b>	886227007882
<b>Email:</b>	filing@suipconsulting.com
<b>Correspondent Name:</b>	REN-SHENG INTERNATIONAL
<b>Address Line 1:</b>	7F, NO. 57, SEC. 2, DUNHUA SOUTH ROAD
<b>Address Line 4:</b>	TAIPEI, TAIWAN 106
<b>ATTORNEY DOCKET NUMBER:</b>	131-0029-US-NAT
<b>NAME OF SUBMITTER:</b>	GENE SU
<b>SIGNATURE:</b>	/Gene Su/
<b>DATE SIGNED:</b>	10/07/2015
<b>Total Attachments: 4</b>	
source=131-0029-US-NAT_Executed-Assign_Inv-IITK#page1.tif	
source=131-0029-US-NAT_Executed-Assign_Inv-IITK#page2.tif	
source=131-0029-US-NAT_Executed-Assign_Inv-IITK#page3.tif	
source=131-0029-US-NAT_Executed-Assign_Inv-IITK#page4.tif	

ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Saumen MANDAL, Sahadeb Mandal, Vill-Naskarpur, P.O-Champadanga, Dist: Hooghly, West Bengal-712401, India and Monica KATIYAR, Type IV, Quarter No: 4093, Indian Institute Technology Kanpur, Kanpur-208016, Uttar Pradesh, India

([Collectively] "Assignor"),

effective as of May 01, 2012 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 FABRICATION OF ORGANIC THIN FILM TRANSISTOR USING SINGLE DROPS OF ORGANIC OR HYBRID INSULATOR, CONDUCTOR & SEMICONDUCTOR MATERIALS 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
1032/DEL/2013	India	06 April 2013	ORGANIC THIN FILM TRANSISTORS AND METHODS FOR THEIR MANUFACTURING AND USE
PCT/IB2014/060398	PCT	03 April 2014	ORGANIC THIN FILM TRANSISTORS AND METHODS FOR THEIR MANUFACTURING AND USE
14/782,600	US	05 October 2015	ORGANIC THIN FILM TRANSISTORS AND METHODS FOR THEIR MANUFACTURING AND USE

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: Saumen Mandal

Print name: Saumen MANDAL

**ATTESTATION**

The undersigned witnessed the signature of Saumen MANDAL 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. Saumen MANDAL is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 2<sup>nd</sup> April, 2013 to execute this document.
3. Saumen MANDAL 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: Deepak

Print name: DEEPAK GUPTA

प्राध्यापक  
Department of Materials Sc. & Engg  
भा० प्रौ० सं०, कानपुर-208 016 (भारत)  
By: J.I.T., Kanpur-208 016 (India)

Print name: BAQUEER MAZHARI

Coordinator  
Samuel Centre for Display Technologies  
Indian Institute of Technology Kanpur  
Kanpur-208 016, India

By: Monica Katiyar  
Print name: Monica KATIYAR

**ATTESTATION**

The undersigned witnessed the signature of Monica KATIYAR 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. Monica KATIYAR is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 1<sup>st</sup> Apr 2013 to execute this document.
3. Monica KATIYAR 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: Deepak  
[Name of 1<sup>st</sup> Attestor] DEEPAK GUPTA  
PROFESSOR

प्रदार्थ विज्ञान एवं अभियांत्रिकी विभाग  
Department of Materials Sc & Engrg

भा० प्रौ० सं०, कानपुर-208 016 (भारत)  
I.I.T., Kanpur-208 016 (India)

Print name: [Name of 2<sup>nd</sup> Attestor] Baqer Mazhari

Coordinator  
Samtel Centre for Display Technologies  
Indian Institute of Technology Kanpur  
Kanpur-208 016, India