

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mangilal Agarwal	09/23/2011
Khodadad Varahramyan	09/02/2011
Sudhir Shrestha	09/23/2011
RECEIVING PARTY DATA	
Name:	Indiana University Research and Technology Corporation
Street Address:	351 West 10th Street
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46202
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1145632
CORRESPONDENCE DATA	
Fax Number:	(317)274-5902
Email:	bcholewa@iu.edu
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Brian C. Cholewa
Address Line 1:	351 West 10th Street
Address Line 4:	Indianapolis, INDIANA 46202
ATTORNEY DOCKET NUMBER:	10152
NAME OF SUBMITTER:	Brian C. Cholewa
Total Attachments: 3 source=Assignment (executed)#page1.tif source=Assignment (executed)#page2.tif source=Assignment (executed)#page3.tif	

OP \$40.00 US1145632

501670781

PATENT
REEL: 026963 FRAME: 0554

ASSIGNMENT

Whereas, We, Mangilal Agarwal, Khodadad Varahramyan and Sudhir Shrestha (ASSIGNORS), have an interest in an invention entitled: Layer-by-Layer Nanoassembled Nanoparticles Based Thin Films for Solar Cell and Other Applications, which is the subject of a United States or Int'l patent application that names the undersigned as inventors in:

- ☒ Provisional Patent Application No. 61/368,243, filed July 27, 2010; and
- ☒ Int'l Patent Application No. PCT/US2011/045632, filed July 27, 2011.

Indiana University Research and Technology Corporation, an Indiana corporation having its principal office at 351 West 10th Street, Indianapolis, IN 46202 (ASSIGNEE), desires to acquire ASSIGNORS' interest in the invention.

ASSIGNORS acknowledge receipt and adequacy of good and valuable consideration, as set forth in, for example, Section 3. A. of the Indiana University Intellectual Property Policy (adopted by the Board of Trustees on May 2, 2008), in exchange for this assignment and hereby assign to ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in the patent applications and/or patents listed above, in the United States and all foreign countries, including the right to all divisions, reissues, continuations and extension thereof, as well as to claim priority under the laws of the United States, the Paris Convention, the Patent Cooperation Treaty and any foreign countries, for the full term of the patent, the same as if held by ASSIGNORS had this assignment not been made. This assignment includes the assignment of the right to recover for past infringements of, or liabilities for, any of the rights related to the applications or patents resulting from the invention.

ASSIGNORS covenant and agree to cooperate with ASSIGNEE and execute all instruments or documents requested for the making and prosecuting of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, renewal or substitute, reissue, re-examination or extension. ASSIGNORS covenant and agree to cooperate with ASSIGNEE in any interference, post-grant opposition or litigation regarding the invention, patents or applications regarding the invention, including testifying for the benefit of ASSIGNEE without further or other compensation than that provided in this Assignment.

ASSIGNORS covenant that no assignment, sale or agreement or encumbrance has been or will be entered into that would conflict with this Assignment.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to ASSIGNEE, and request that any official of a patent office in any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to ASSIGNEE.

ASSIGNORS grant the ASSIGNEE and/or attorney of record a power to insert on this Assignment any further identification that may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

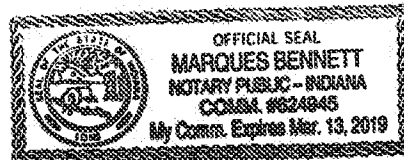
IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at
Indianapolis, Indiana this 23 day of September, 2011.
 (City, State or Country if outside US)

M. L. Agarwal
 Mangilal Agarwal
 INVENTOR/ASSIGNOR

ACKNOWLEDGEMENT

On this 23rd day of September, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Notary Public [Signature]
 Printed Name Marquet Bennett
 County of Marion
 State of Indiana
 My Commission Expires _____



IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at
Indianapolis, IN this 2nd day of September, 2011.
 (City, State or Country if outside US)

[Signature]
 Khodadad Varshneyan
 INVENTOR/ASSIGNOR

ACKNOWLEDGEMENT

On this 2 day of Sept, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Notary Public Amy Curtis
 Printed Name Amy Curtis
 County of Marion
 State of IN
 My Commission Expires July 27, 17
Comm # 608445

IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at
Indianapolis, IN this 23 day of Sept, 2011.
(City, State or Country if outside US)

Sudhir
Sudhir Shrestha
INVENTOR/ASSIGNOR

ACKNOWLEDGEMENT

On this 23rd day of September, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Notary Public [Signature]
Printed Name Marques Bennett
County of Marion
State of Indiana
My Commission Expires _____

