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# PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARTURO BRONSON	01/07/2016
VINOD KUMAR	01/21/2016
SANJAY SHANTHA-KUMAR	01/06/2016
ARTURO SEPULVEDA	01/07/2016

### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14987683

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ATTORNEY DOCKET NUMBER:	UTE-P0111-US-01R-2015-022
NAME OF SUBMITTER:	SUMITA CHOWDHURY GHOSH
SIGNATURE:	/Sumita Chowdhury Ghosh/
DATE SIGNED:	03/03/2016

**Total Attachments: 6** 

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> **PATENT** REEL: 037888 FRAME: 0634 503721217

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> PATENT REEL: 037888 FRAME: 0635

#### ASSIGNMENT

We, Arturo BRONSON, of 621 Espina Dulce Pl., El Paso, TX, 79912, a citizen of the UNITED STATES OF AMERICA, Vinod KUMAR, of 1066 Villa Linda Way, El Paso, TX, 79932, a citizen of the UNITED STATES OF AMERICA, Sanjay SHANTHA-KUMAR, of 1707 N. Stanton St., Apt. 4, El Paso, TX, 79902, a citizen of the REPUBLIC OF INDIA, and Arturo SEPULVEDA, of 131 Sun Season Rd., Santa Teresa, NM, 88008, a citizen of the UNITED MEXICAN STATES (also referred to hereinafter as Assignors), have invented TRANSFORMATIVE B-Si-Al-Fe/B<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub>-Fe<sub>3</sub>O<sub>4</sub> SYSTEMS EMBEDDED IN SiC FOR CONCENTRATING SOLAR POWER. This is an Assignment of the following rights, title and interest (check all that apply):

United States of America rights, title and interest in the inv	ention
Foreign rights, title and interest in the invention, and right	to claim priority
United States Provisional Patent Application Serial No. 6	62/099,311 filed on January 2,
<u>2015</u> .	•
United States Patent Application Serial No. 14/987,683 file	ed on <u>January 4, 2016</u> .
United States Patent No(s).	•
International (PCT) Patent Application Serial No. fi	led on
Other (specify):	

We were employed by THE UNIVERSITY OF TEXAS AT EL PASO, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such as to entitle the Board of Regents, The University of Texas System (referred to hereinafter as Assignee), having a place of business at 201 West 7<sup>th</sup> St., Austin, TX 78701, to our entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have voluntarily sold, assigned, and transferred and hereby do voluntarily sell, assign, and transfer to Assignee, its successors and assigns, our full and exclusive right, title and interest in and to the invention(s) disclosed in the above-mentioned application(s) and patent(s), throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority and all rights under applicable treaties and conventions, in and to said invention(s) which are disclosed in said application(s) and patent(s). This includes an assignment of the above-mentioned application(s) and patent(s), and of all Letters Patent that may be granted on the invention(s) in the United States of America and all countries throughout the world, to the full end of the term or terms of said patents and for which said Letters Patent may be granted and/or by which said patents and Letters Patent may be extended, and any non-provisional application, divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension of the above-mentioned application(s), patents or Letters Patent, as applicable; and the right to claim priority from said application(s), patents and Letters Patent as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We have authorized Assignee to file and prosecute the above-mentioned patent application(s), as well as any corresponding international or national applications that claim priority from them.

Assignee has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf. We authorize and request the issuance of said Letters Patent to Assignee, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, we are the sole and lawful owners of the entire right, title and interest in and to the invention(s), application(s), and patent(s) indicated above, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth. We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment. We shall neither communicate nor cooperate in any manner with any third party, other than Assignee, that claims any rights in and to said invention(s), application(s) and patent(s).

We also hereby assign all rights, title and interest to any improvements related to said invention(s) to Assignee and agree to promptly and fully communicate to Assignee any facts and information known to us respecting any improvements related to said invention(s), application(s), and patent(s) while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s), application(s) or patent(s). We will maintain any such facts and information in confidence and will reveal such facts and information only to Assignee or its assigns.

We also covenant that we will communicate to Assignee, its representatives, assigns or agents, as applicable, any facts known to us respecting said invention(s), application(s) or patent(s), and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid Assignee and its assigns to obtain, maintain and enforce proper patent protection for said invention(s), application(s), and patent(s) in the United States or any foreign country. We acknowledge that these provisions are binding upon our heirs, legal representatives, administrators and assigns.

We grant Assignee and its legal representative(s) identified below, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document:

Indranil Chowdhury Chowdhury Law Group, P.C. P.O. Box 987 Stafford, Texas 77497-0987

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Cliem Ref. No. UTEP 2015-022	Attorney Docket No. UTE-P0111-US-01P
Dated: 1 7 116	ONTURO STORAGE
STATE OF 1244S	Anuro BRONSON
COUNTY OF ELPUSO 3	SŠ.
This day of January BRONSON, who executed the foregome that it was executed under that per	2016, before me personally came the above-named Arturo sing Assignment in my presence, and who acknowledged to son's own free will for the purposes set forth therein.
and and all all all all all all all all all al	
AS MY COMMISSION EXPOSES	Notary Públik tór / 10/2/6.5
	My commission expires 1/0///

Client Ref. No. UTEP 2015-022 Attorney Docket No. UTI	E-P0]11-US-01P
Dated: 12.11/2	
STATE OF TAKES Vinod KUMAR	
COUNTY OF 101 Pales	
This day of 1000/1 2016, before me personally came the above KUMAR, who executed the foregoing Assignment in my presence, and who as me that it was executed under that person's own free will for the purposes set fortly	observation to the
* _invitantinitinitinitinitinitinitinitinitini	
SENAUTER LYNN RAMMET NOTATY Public for 1/2/45	
My commission expires: //2//	

Client Ref. No. LITEP 2015-023	Attorney Docket No. UTE-P0111-US-01P
Dated: [ ] [ [ ] [ ] [ ]	
STATE OF TOUCH	Sanjay SHANTHA-KUMAR
COUNTY OF ELPOSO ?	
- MANTHA-KUMAK, who executed	2016, before me personally came the above-named Sanjay I the foregoing Assignment in my presence, and who ited under that person's own free will for the purposes set
. The Machine Have March David	Notary Public for LXG
My Commission Express	My commission expires://3///

Cliesu Ref. No. UTEP 2015-022	Attorney Docker No. 1775-Polit M. 194019
Dated: 1 7/1/2	
STATE OF 1/4/4/5	Arturo SEPULVEDA
COUNTY OF FIRE PASO	
This 7 day of < 10000000 SEPULVEDA, who executed the fore to me that it was executed under that it	2016, before me personally came the above-named Arture regaing Assignment in my presence, and who acknowledged person's own free will for the purposes set forth therein.
	Notary Publicator 10x05
A SAME THE CONTRACT AND A SAME	My commission expires: 1/2/18

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