506253314 09/15/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW DAVID ESCARRA	08/18/2020
BENJAMIN LEWSON	08/19/2020
YAPING JI	08/11/2020
QI XU	08/20/2020
ADAM OLLANIK	07/31/2020

RECEIVING PARTY DATA

Name:	THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND	
Street Address:	1440 CANAL STREET #8432	
City:	NEW ORLEANS	
State/Country:	LOUISIANA	
Postal Code:	70112-2632	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15322417
Application Number:	62018332

CORRESPONDENCE DATA

Fax Number: (720)931-3001

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.

Phone: 7209313000

patent@lathropGPM.com, laura.sedlacek@lathropGPM.com Email:

LATHROP GPM LLP **Correspondent Name:**

Address Line 1: 2440 JUNCTION PLACE, SUITE 300 Address Line 4: **BOULDER, COLORADO 80301**

ATTORNEY DOCKET NUMBER:	617136	
NAME OF SUBMITTER:	CURTIS VOCK	
SIGNATURE:	/Curtis Vock/	
DATE SIGNED:	09/15/2020	

Total Attachments: 9

PATENT REEL: 053779 FRAME: 0917

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PATENT REEL: 053779 FRAME: 0918

ASSIGNMENT

WHEREAS, I/We, Matthew David Escarra of New Orleans, Louisiana; Benjamin Lewson of New Orleans, Louisiana; Yaping Ji of New Orleans, Louisiana; Qi Xu of New Orleans, Louisiana; Adam Ollanik of Boulder, Colorado in (herein called "ASSIGNORS"), in connection with the invention entitled:

INFRARED TRANSMISSIVE CONCENTRATED PHOTOVOLTAICS FOR COUPLING SOLAR ELECTRIC ENERGY CONVERSION TO SOLAR THERMAL ENERGY UTILIZATION

for which we filed U.S. Patent Application No. 15/322,417 on December 27, 2016; International Patent Application No. PCT/US2015/038396 on June 29, 2015 and U.S. Provisional Patent Application No. 62/018,332 on June 27, 2014 (collectively, the "LISTED APPLICATION(S)");

AND WHEREAS, THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND (herein called "ASSIGNEE"), a Nonprofit Corporation duly organized under the laws of the State of Louisiana and having its principal place of business at 1440 Canal Street #8432, New Orleans, Louisiana 70112-2632 is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION(S);

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATION(S), and the LISTED APPLICATION(S) and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) and discoveries in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the benefit of priority of said inventions, discoveries, and patent applications listed herein, including the LISTED APPLICATION(S) and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is/are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose

duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith:

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said LISTED APPLICATION(S) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or countries foreign to the United States;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

AND I HEREBY further agree that this Assignment does not create any agency, employment, or partnership relationship between the parties;

AND I HEREBY further agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground;

AND I HEREBY further agree that should any provision of this Assignment be determined to be void, unenforceable, or against public policy, such provision may altered in time or scope in order to give effect to such provision. If such alteration is not possible, such provision shall be deemed severed from this Assignment and the balance of this Assignment shall remain in full force and effect, so long as the original intent of this Assignment remains substantially intact.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

[THIS SPACE LEFT BLANK]

ASSIGNORS:	
Assignor 1:	
8 18 20	(Signature) Matthew David Escarra
	Certificate of Witness sonally present and did see the above person, who is personally known to me, nment on the date therein set forth.
Witness: 8 18 2020	(Signature)
Date	(print full name) Kazi Mohitul Islam
(City/State) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	w Orleans/LA
Assignor 2:	
Date	(Signature) Benjamin Lewson
I acknowledge that I was per duly execute the above assign	Certificate of Witness sonally present and did see the above person, who is personally known to me, nment on the date therein set forth.
Witness:	
Date	(Signature)(print full name)
(City/State)	

ASSIGNORS:		
Assignor 1:		
	(Signature)	
Date		Matthew David Escarra
I acknowledge that I we me, duly execute the abo	is personally present	tificate of Witness and did see the above person, who is personally known to dute therein set forth
Witness:		
.50	(Signature)	
Date	(print full nan	9e)
(Ciry/State)		
kanadaniana kanadanian kanadanian miningka		
Assignor 2:		
%— 19 -2020 Date	(Signature)	An All Benjamin Lewson
I acknowledge that I wa me, duly execute the abov	s personally present o	ificate of Wuness and did see the above person, who is personally known to late therein set forth.
Witness:		š
<u> 16 14 2020 </u>	(Signature)	Ashly scosen
Date	(print full nam	a Ashlei Lewson
(City/Stone) In	ramonis, Ni	

		.	*	5	
8/11/2020	(Signature)	Yα	M	ħ	
Date	-	aping Ji			•
I acknowledge that I was playeduly execute the above ass	personally present and d		son, who	o is personally know	vn to me,
Witness:					
8/11/2020 Date	(Signature)	Bingl	Vary		
Duie	(print full name)	Bing	Wang		
(City/State) Weihai, Sh ===================================	-				
Date	(Signature))i Xu			
I acknowledge that I was p duly execute the above ass	personally present and d		son, who	o is personally know	vn to me,
Witness:					
Date					
(<i>City/State</i>)					

Assignor 3:

Assignor 3:	
	(Signature)
Date	Yaping Ji
	Certificate of Witness was personally present and did see the above person, who is personally known to above assignment on the date therein set forth.
Witness:	
	(Signature) (print full name)
(City/State)	
Assignor 4:	
19	
Date	(Signature) Qi Xu
2020-08-20	Xu

Certificate of Witness

I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.

Witness:	
X A	
	(Signature)
Date	(print full name)
Xiaojing Liu (City/State)	(print fan reine)
CA	
Assignor 5:	
Date	(Signature) Adam Ollanik
	Certificate of Witness cas personally present and did see the above person, who is personally known to ove assignment on the date therein set forth.
vv tirtess.	
	(Signature)
	(print full name)
(City/State)	

Assignor 5:		
<u> 7/3//</u> ړ <u>02-0</u> Date	_ (Signature)	Adam Öllanik
I acknowledge that I was per me, duly execute the above as.	sonally present c	t <u>ificate of Witness</u> and did see the above person, who is personally known to date therein set forth.
Witness:		<u> </u>
50/43/, 2020 Date)	(Signature)	
~ · · · · · · · · · · · · · · · · · · ·	(print full nam	") <u>StreethOllerik</u>
(City/State) <u>Box/</u>	<u> Jer Coi</u>	<u>lendo</u>

FUND	
August 22, 2020	(Signature)
Date	(print full name) John Christie
	(Title) Executive Director, Technology Transfer
	Certificate of Witness
I acknowledge the duly execute the a	at I was personally present and did see the above person, who is personally known to me above assignment on the date therein set forth.
I acknowledge the duly execute the d Witness:	bove assignment on the date therein set forth.
duly execute the a	bove assignment on the date therein set forth.
duly execute the a Witness:	bove assignment on the date therein set forth.