## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6985360

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GANG CHEN	10/21/2021
WENLI XU	10/21/2021
KAIFU QIU	10/21/2021
YONGQIAN WANG	10/21/2021
XINQIANG YANG	10/21/2021

### RECEIVING PARTY DATA

Name:	SOLARLAB AIKO EUROPE GMBH
Street Address:	BERLINER ALLEE 29
City:	FREIBURG
State/Country:	GERMANY
Postal Code:	79110

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17509060

## **CORRESPONDENCE DATA**

**Fax Number:** (888)259-9223

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.

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Correspondent Name: MATTHIAS SCHOLL Address Line 1: 1321 UPLAND DR.

Address Line 2: SUITE 1319

Address Line 4: HOUSTON, TEXAS 77043

ATTORNEY DOCKET NUMBER:	SZSD-00802-UUS
NAME OF SUBMITTER:	SUZANNE SCHOLL
SIGNATURE:	/Suzanne Scholl/
DATE SIGNED:	10/24/2021
	•

**Total Attachments: 5** 

PATENT REEL: 057888 FRAME: 0577

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PATENT REEL: 057888 FRAME: 0578

# ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

		/
Attorney Docket Number	SZSD-00802-UUS	
Title of Invention	PASSIVATED CONTACT STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM	
	6, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a cla n the application identified by the title above.	imed
WHEREAS	Solarlab Aiko Europe GmbH	
having a po	Berliner Allee 29, Freiburg, Germany, 79110	
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United St	ates;
ASSIGNOF said invent division, co	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowled R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in tion and application throughout the United States of America, including any and all patents granted on an continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.	n and to
prosecution additional d further cons communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, in and maintenance of said application or any other patent applications in the United States for said invention, it documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all visideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and atte to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within R's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfuld of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR and inistrators and other legal representatives.	without I Ily may
referred to a use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all p above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNE shoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the t patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignt been made.	E's sole erm for
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any inforument needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.	rmation
LEGAL N	AME OF ASSIGNOR	
Assignor:	Gang CHEN Date: 10/21/2021	_
Signature	- TT6	

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# ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

	ACCICIVING		((a) or 6.5. PATENT AT LIGATION
Attorney Docket Number	SZSD-00802	2-UUS	
Title of Invention	PASSIVATED CONTACT STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM		
		m the original inventor or an o entified by the title above.	original joint inventor (referred to as ASSIGNOR below) of a claimed
WHEREAS	ò,	Solarlab Aiko Europe	e GmbH
having a po	ostal address of	Berliner Allee 29, Fre	eiburg, Germany, 79110
(referred to	as ASSIGNEE be	elow) desires to acquire the er	ntire right, title, and interest in and to the same in the United States;
ASSIGNOF said inven- division, co	₹, by these prese tion and applicat	ints does sell, assign and tra ion throughout the United S uation-in-part, reexamination,	deration, the receipt and adequacy of which is hereby acknowledged, ransfer unto ASSIGNEE, the entire right, title, and interest in and to States of America, including any and all patents granted on any and reissue of said application, whether granted in an initial or
prosecution additional of further conscious communical ASSIGNOF be required encompass	n and maintenance locuments that ma sideration. ASSIG ate to ASSIGNEE R's possession or I of ASSIGNOR in sed within the tern	e of said application or any oth ay be required to affirm the rig NOR also agrees, without furt at ASSIGNEE's request docur control, and to provide further respect of the prosecution, m	ents that legally may be required in connection with the filing, ther patent applications in the United States for said invention, including this of ASSIGNEE in and to said invention and application, all without ther consideration and at ASSIGNEE's expense, to identify and iments and information concerning the invention that are within a rassurances and testimony on behalf of ASSIGNEE that lawfully may maintenance and defense of any patent application or patent IOR's obligations under this instrument shall extend to ASSIGNOR's atives.
referred to use and be which such	above to ASSIGN hoof, and for the i	EE, as the ASSIGNEE of the use and behoof of ASSIGNEE	commissioner of Patents and Trademarks to issue any and all patents entire right, title and interest in and to the same, for ASSIGNEE's sole E's legal representatives and successors, to the full end of the term for the same would have been held by ASSIGNOR had this assignment
			ith the Customer Number 33,794 to insert or complete any information Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGN	OR	
l Assianor:	Wenli XU		Date: 10/21/2021
Signature	Wen	lixu	

PAGE 2 OF 5

	ASSIGNIVIE	ENT BY INVENTOR	K(S) OF U.	S. PATENT APPL	.ICATION
Attorney Docket Number	SZSD-00802	2-UUS			
Title of Invention	PASSIVATED CONTACT STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM				SAME, CELL
		m the original inventor or an o entified by the title above.	riginal joint inven	tor (referred to as ASSIGNO	DR below) of a claimed
WHEREAS	<b>)</b> ,	Solarlab Aiko Europe	e GmbH		
having a po	ostal address of	Berliner Allee 29, Fre	eiburg, Germ	any, 79110	
(referred to	as ASSIGNEE be	elow) desires to acquire the er	ntire right, title, an	d interest in and to the sam	e in the United States;
ASSIGNOF said inven- division, co	R, by these prese tion and applicat	for good and valuable considents does sell, assign and trailing throughout the United Station-in-part, reexamination, a preof.	ansfer unto ASS States of Americ	IGNEE, the entire right, til a, including any and all pate	tle, and interest in and to ents granted on any
prosecution additional of further conscious communical ASSIGNOF be required encompass	n and maintenance locuments that ma sideration. ASSIGI ate to ASSIGNEE: d's possession or a l of ASSIGNOR in sed within the term	grees to execute any docume of said application or any other ay be required to affirm the right NOR also agrees, without furth at ASSIGNE's request docur control, and to provide further respect of the prosecution, mas of this instrument. ASSIGNO or and other legal representations.	ner patent applica hts of ASSIGNEE her consideration ments and inform assurances and aintenance and c OR's obligations	tions in the United States for in and to said invention and and at ASSIGNEE's exper ation concerning the invent testimony on behalf of ASS defense of any patent applic	or said invention, including id application, all without use, to identify and ion that are within IGNEE that lawfully may eation or patent
referred to use and be which such	above to ASSIGN hoof, and for the u	uthorizes and requests the Co EE, as the ASSIGNEE of the use and behoof of ASSIGNEE anted, as fully and entirely as	entire right, title a 's legal represent	ind interest in and to the sai atives and successors, to tl	me, for ASSIGNEE's sole he full end of the term for
1		es Practitioners associated wit ffect its recordal in the U.S. Po		5	
	AME OF ASSIGN	OR			
Assignor:	Kaifu QIU			Date: 10/21/2021	
Signature		fu Bru	<u>.</u>		

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	A33IGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION
Attorney Docket Number	SZSD-00802-UUS
Title of Invention	PASSIVATED CONTACT STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM
	6, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed in the application identified by the title above.
WHEREAS	Solarlab Aiko Europe GmbH
having a po	Berliner Allee 29, Freiburg, Germany, 79110
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said inven division, co	PW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and ition and application throughout the United States of America, including any and all patents granted on any portinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or ital examination thereof.
prosecution additional of further cons communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, in and maintenance of said application or any other patent applications in the United States for said invention, including documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and ate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within R's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may dof ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent sed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's sutors, administrators and other legal representatives.
referred to use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's solehoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment of been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ument needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
	IAME OF ASSIGNOR
Assignor:	Yongqian WANG Date: 10/21/2021
Signature	Yangajan WANG

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## ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

	ASSIGNMENT BY INVENTOR(S) OF S.S. PATENT AT LICATION
Attorney Docket Number	SZSD-00802-UUS
Title of Invention	PASSIVATED CONTACT STRUCTURE AND SOLAR CELL COMPRISING THE SAME, CELL ASSEMBLY, AND PHOTOVOLTAIC SYSTEM
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	Solarlab Aiko Europe GmbH
having a po	Berliner Allee 29, Freiburg, Germany, 79110
NOT ASSIGNOF said invent division, co supplement  ASS prosecution additional d further cons communica ASSIGNOF be required encompass heirs, execu	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States; W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, to be these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or call examination thereof.  SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filling, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within its possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's utors, administrators and other legal representatives.  SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents
referred to a use and be which such and sale no	above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole hoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment to been made.
in this docu	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.  AME OF ASSIGNOR
Assignor:	Xinqiang YANG Date: 10/21/2021

**RECORDED: 10/24/2021** 

**PATENT REEL: 057888 FRAME: 0583**