10/20/2015 503531212

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3577839

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LINLIN YANG	08/18/2015
LINGUANG LAN	08/18/2015
CHRIS FRANCE	10/07/2015
GANG HE	08/31/2015
ERHONG LI	10/19/2015
JOSE CORBACHO	10/12/2015

RECEIVING PARTY DATA

Name:	ALTA DEVICES, INC.
Street Address:	3260 SCOTT BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14918043

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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: 408-938-9060

Email: slujan@mhbpatents.com

MURABITO, HAO & BARNES LLP **Correspondent Name:** TWO NORTH MARKET STREET Address Line 1:

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	0079P (ALTA-5059)
NAME OF SUBMITTER:	JAMES P. HAO
SIGNATURE:	/James P. Hao/
DATE SIGNED:	10/20/2015

PATENT REEL: 036835 FRAME: 0658 503531212

Total Attachments: 7source=0079P_ALTA-5059_Assignment#page1.tif source=0079P_ALTA-5059_Assignment#page2.tif source=0079P_ALTA-5059_Assignment#page3.tif source=0079P_ALTA-5059_Assignment#page4.tif source=0079P_ALTA-5059_Assignment#page5.tif source=0079P_ALTA-5059_Assignment#page6.tif

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PATENT REEL: 036835 FRAME: 0659

Attorney Docket No.: ALTA-5059	
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Assignment to ALTA DEVICES, Inc.

In consideration of good Lintin YANG	and valuable of	consideration, rec	eipt of v	which is here	by acknow	vledged, IA	ve
do hereby sell, assign, a of business at 3260 Sco title, and interest for the right of priority in, to, and	tt Blvd., Santa United States i	Clara, CA 95054 and all foreign co	U.S.A., untries,	and its succi in and to an	essors an y and all in	d assigns,	the entire right,
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and described then which may be grant			tent of 1	he United S	tates and	of countrie	s foreign thereto
And for the above consassigns, to execute and whether original, continusecure to ALTA DEVICI patent rights therein, in prosecution of interferent Letters Patent provided are paid by ALTA DEVICIANCE further covenant wassignment, grant, mort been made to others by by the undersigned;	d deliver without atton, division ES, Inc., its suithe United State proceeding the expenses view, Inc. Ith ALTA Digage, license,	out further composal or reissue, or a accessors and as aces and in any c is involving said in which may be ince EVICES, Inc., in or other agreem	ensation other passigns, to ountry to nvention urred by ts succentration	any power spers which he invention foreign there he and in the me/us in le essors, assi- cting the rig	of attom- may be no s describe sto, and to e adjudical nding such gns, and li hts and pr	ey, assign; ecessary o ed in said e cooperate ion or ree; ecooperation egal repres	ment, application, r desirable fully to application and all and assist in the kamination of said on and assistance sentatives that no ein conveyed has
In witness whereof, I/we Inventor's Signature:	hereunto set n	ny/our hand(s) ar	d seal:		aire.	0-116	2/2011
inventor's Signature:	Linlin	YANG (tayotasaasottasottasiin	tractisisming transfersionismis	nate: _{	10/10	familia some
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County of	and the state of t		branch				
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Notary Public

Page 1

Notary Stamp/Seal

Assignment to ALTA DEVICES, Inc.
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Ligurary LAN do hereby sell, assign, and transfer unto ALTA DEVICES, Inc., a Delaware Corporation having its principle place of business at 3260 Scott Blvd., Santa Clara, CA 95054 U.S.A., and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States palent entitled:
FORMING EXTRACTION ELECTRODE ON SOLAR CELL WITH ENHANCED RESISTANCE TO STRESS
— filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or
Serial No.: filed on and the inventions set forth
Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;
And for the above consideration, I/we agree promptly upon request of ALTA DEVICES, inc., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to ALTA DEVICES, inc., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by ALTA DEVICES, Inc.
I/we further covenant with ALTA DEVICES, Inc., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and seal:
Inventor's Signature: Liquong Lan Date: 08/18/20/5 Liquong LAN U
State of
County of
Before me this day of personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his or her free act and deed.
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Notary Public

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Notary Stamp/Seal

Attorney Docket No.: ALTA-5059

Attorney Docket No.: ALTA-5059
Assignment to ALTA DEVICES, Inc.
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Chris FRANCE
do hereby sell, assign, and transfer unto ALTA DEVICES, Inc., a Delaware Corporation having its principle place of business at 3260 Scott Blvd., Santa Clara, CA 95054 U.S.A., and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the

right of priority in, to, and un	der, the application for the	United States pat	ent entitled:	*	
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and described therein, which may be granted	and any and all Letters Protection or therefore;	atent of the Unite	d States and	d of countrie	es foreign thereto
And for the above conside assigns, to execute and dwhether original, continuation secure to ALTA DEVICES, patent rights therein, in the prosecution of interference Letters Patent provided the are paid by ALTA DEVICES	eliver without further comp on, divisional or reissue, or Inc., its successors and a United States and in any proceedings involving said expenses which may be inc	pensation any po other papers wh asigns, the inven country foreign to inventions and ir	wer of attonich may be ritions describ tions describ tereto, and to the adjudica	ney, assign necessary o ped in said o cooperate ation or ree	iment, application, or desirable fully to application and all a and assist in the xamination of said
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In witness whereof, I/we her	eunto set mysour hand(s) a	ind seal:			
Inventor's Signature:	Honrie FRANCE		Date:	Lo I Z	/zo15
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Attorney Docket No.:	ALTA-5059

Assignment to ALTA DEVICES, Inc.

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do hereby sell, assign, and transfer unto ALTA DEVICES,	Inc., a Delaware Corporation having its principle place
of business at 3260 Scott Blvd., Santa Clara, CA 95054 U	S.A., and its successors and assigns, the entire right,
title, and interest for the United States and all foreign cour- right of priority in, to, and under, the application for the Uni-	ities, in add to any and all improvements, including the
right of priority in, to, and officer, the application for the offi	ned states patent entitled.
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RESISTANCE TO STRESS	
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X filed herewith and the inventions set forth and descrit United States and of countries foreign thereto which	
Serial No.; filed on	and the inventions set forth
and described therein, and any and all Letters Pate	nt of the United States and of countries foreign thereto
which may be granted thereon or therefore;	
And for the above consideration, I/we agree promptly u	pon request of ALTA DEVICES, Inc., its successors or
assigns, to execute and deliver without further compen whether original, continuation, divisional or reissue, or oti	
secure to ALTA DEVICES, Inc., its successors and assi	ons the inventions described in said application and all
patent rights therein, in the United States and in any cou	untry foreign thereto, and to cooperate and assist in the
prosecution of interference proceedings involving said inv	ventions and in the adjudication or reexamination of said
Letters Patent provided the expenses which may be incur	red by me/us in lending such cooperation and assistance
are paid by ALTA DEVICES, Inc.	
A T THE A THE PROPERTY OF THE PROPERTY OF	
I/we further covenant with ALTA DEVICES, Inc., its	
assignment, grant, mortgage, license, or other agreemer	
been made to others by the undersigned, and that full rigi	ht to convey the same as herein expressed is possessed
by the undersigned;	
In witness whereof, I/we hereunto set my/our hand(s) and	seal:
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Inventor's Signature:	Date: 9///230
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	ent to be his or her free act and deed.
	ent to be his or her free act and deed.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

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	artificate verifies only the identity of the individual who signed the not the truthfulness, accuracy, or validity of that document.
State of California County of Santa Clase) Thaty Ly Tran Here Insert Name and Title of the Officer
On	Handana Managad Tilly at Managar
Date	Aere insert warne and time of the Officer
personally appeared	7000
	Name(s) of Signer(s)
subscribed to the within instrument and ack	ctory evidence to be the person(s) whose name(s) is/are knowledged to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the person(s), (s) acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
and the second s	WITNESS my hand and official seal.
TRACY LY TRAN Commission # 1948322	
Transfer Notary Public - California	Signature Man
Santa Clara County My Comm. Expires Sep 11, 2015	্রভালature of Notary Public
Place Notary Seal Above	
Though this section is optional, completing fraudulent reattachment of	OPTIONAL g this information can deter alteration of the document or of this form to an unintended document. ンエ ギスとアネーに
Description of Attached Document Title or Type of Document: ASSIGNMENT To	topming Extraction Electrode an Solar cell w/ entre Alta Deuces Document Date: 8/31/2015
Number of Pages: Signer(s) Other	Than Named Above: N/A
Capacity(les) Claimed by Signer(s)	/P
Signer's Name:	Signer's Name:
	☐ Corporate Officer — Title(s):
☐ Corporate Officer — Title(s):	
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☐ Corporate Officer — Title(s):	☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact
 □ Corporate Officer — Title(s): □ Partner — □ Limited □ General □ Individual □ Attorney in Fact 	☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact or ☐ Trustee ☐ Guardian or Conservator

•		Att	orney Docl	ket No.: A	LTA-5059		
Assignment to ALTA DE	VICES, Inc.	y.					
In consideration of good and valuable Erhoug LI	e consideration, receipt	of which is here	eby acknov	vledged, I/\	Ne		
do hereby sell, assign, and transfer to of business at 3260 Scott Blvd., Santitle, and interest for the United State right of priority in, to, and under, the	ta Clara, CA 95054 U.S s and all foreign countr	.A., and its succ ies, in and to an	cessors an y and all in	d assigns,	the entire right,		
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X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or							
Serial No.:	filed on		а	ind the inve	entions set forth		
and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;							
And for the above consideration, I/we agree promptly upon request of ALTA DEVICES, Inc., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to ALTA DEVICES, Inc., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by ALTA DEVICES, Inc.							
I/we further covenant with ALTA DEVICES, Inc., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;							
In witness whereof, I/we hereunto se	t my/our hand(s) and s	eal:	•				
Inventor's Signature: Erh	hwag di ong U	(American production of the State of the Sta	Date:	10/1	9 / 2015		
State of					s.		
County of							
Before me this day of personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his or her free act and deed.							

Notary Public

Page 1

Notary Stamp/Seal

Attorney Docket No.: ALTA-5059	

Assignment to ALTA DEVICES, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Jose CORBACHO do hereby sell, assign, and transfer unto ALTA DEVICES, Inc., a Delaware Corporation having its principle place of business at 3260 Scott Blvd., Santa Clara, CA 95054 U.S.A., and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled: FORMING EXTRACTION ELECTRODE ON SOLAR CELL WITH ENHANCED RESISTANCE TO STRESS X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; And for the above consideration, I/we agree promptly upon request of ALTA DEVICES, Inc., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to ALTA DEVICES, Inc., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by ALTA DEVICES, Inc. I/we further covenant with ALTA DEVICES, Inc., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and properly herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; In witness whereof, I/we hereunto set my/our has Inventor's Signature: Jose CORBAC State of County of Before me this _____ day of _____ personally appeared _____ who is _____ personally known or _____ proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his or her free act and deed.

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RECORDED: 10/20/2015