

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4971858

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THIRD INVENTOR'S NAME AND RESIDENCE IN THE CONVEYING PARTY previously recorded on Reel 041157 Frame 0550. Assignor(s) hereby confirms the ASSIGNMENT.	
RESUBMIT DOCUMENT ID:	504786110	
CONVEYING PARTY DATA		
	Name	Execution Date
	ZHAOLI ZHANG	01/25/2017
	JIE LIN	01/24/2017
	ZONGCHANG YU	01/25/2017
RECEIVING PARTY DATA		
Name:	DONGFANG JINGYUAN ELECTRON LIMITED	
Street Address:	156 4TH JINGHAI ROAD, BUILDING 12	
Internal Address:	BEIJING ECONOMIC DEVELOPMENT DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100176	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15419657	
CORRESPONDENCE DATA		
Fax Number:	(248)649-3338	
<i>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.</i>		
Phone:	248 649-3333	
Email:	docketing@youngbasile.com	
Correspondent Name:	YOUNG BASILE	
Address Line 1:	3001 W. BIG BEAVER ROAD	
Address Line 2:	SUITE 624	
Address Line 4:	TROY, MICHIGAN 48084	
ATTORNEY DOCKET NUMBER:	XTAL-109-A	
NAME OF SUBMITTER:	LIN XIAO	
SIGNATURE:	/Lin Xiao/	
DATE SIGNED:	05/22/2018	

Total Attachments: 3

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4256265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHAOLI ZHANG	01/25/2017
JIE LIN	01/24/2017
ZONGQIANG YU	01/25/2017
RECEIVING PARTY DATA	
Name:	DONGFANG JINGYUAN ELECTRON LIMITED
Street Address:	156 4TH JINGHAI ROAD, BUILDING 12
Internal Address:	BEIJING ECONOMIC DEVELOPMENT DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15419657
CORRESPONDENCE DATA	
Fax Number:	(248)649-3338
<i>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.</i>	
Phone:	248-649-3333
Email:	richard@youngbasile.com
Correspondent Name:	YOUNG BASILE HANLON & MACFARLANE P.C.
Address Line 1:	3001 WEST BIG BEAVER ROAD
Address Line 2:	SUITE 624
Address Line 4:	TROY, MICHIGAN 48084
ATTORNEY DOCKET NUMBER:	XTAL-109-A
NAME OF SUBMITTER:	LIN XIAO
SIGNATURE:	/Lin Xiao/
DATE SIGNED:	02/02/2017
Total Attachments: 2	
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ASSIGNMENT AND AGREEMENT

WHEREAS, we, Zhaoli Zhang, of San Jose, California; Jie Lin, of San Jose, California; and Zongchang Yu, of San Jose, California (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled METHOD AND SYSTEM FOR IDENTIFYING DEFECTS OF INTEGRATED CIRCUITS as set forth in this United States Patent Application,

☐ executed concurrently herewith

☐ executed

☒ Serial No. 15/419,657 filed January 30, 2017

WHEREAS, Dongfang Jingyuan Electron Limited, a Corporation of China having its principal place of business at 156 4th Jinghai Road, Building 12, Beijing Economic Development District, Beijing, PEOPLE'S REPUBLIC OF CHINA (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.




ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful

for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane, P.C. do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME(S) AND SIGNATURE OF ASSIGNOR		
Name: Zhaoli Zhang	Signature: 	Date: 1/25/2017
Name: Jie Lin	Signature: 	Date: 01/24/2017
Name: Zongchang Yu	Signature: 	Date: 1/25/2017