

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3818888

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YAN ZHAI	04/01/2016
RECEIVING PARTY DATA		
Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC	
Street Address:	5005 E. MCDOWELL ROAD	
Internal Address:	MAILDROP A700	
City:	PHOENIX	
State/Country:	ARIZONA	
Postal Code:	85008	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15092432
CORRESPONDENCE DATA		
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<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>		
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Correspondent Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC	
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Address Line 2:	MAILDROP A700	
Address Line 4:	PHOENIX, ARIZONA 85008	
ATTORNEY DOCKET NUMBER:	ONS02009	
NAME OF SUBMITTER:	SHARRON CASTILLO	
SIGNATURE:	/Sharron Castillo/	
DATE SIGNED:	04/06/2016	
Total Attachments: 3		
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ASSIGNMENT & AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we,

Name	of (City and State OR Country)
Yan ZHAI	SANTA CLARA, CALIFORNIA US

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Semiconductor Components Industries, LLC (SCI), a limited liability Company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain inventions relating to improvements in

SYSTEMS AND METHODS FOR BUFFER-FREE LANE DETECTION

Attorney Docket No. ONS02009

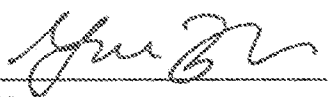
described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign, and transfer unto SCI, the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize SCI to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to SCI, for the sole use and behalf of SCI, its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SCI.

We agree that, when requested, we will, without charge to SCI, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in SCI, its successors, assigns, and legal representatives or nominees.

We covenant with SCI, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.



Yan ZHAI

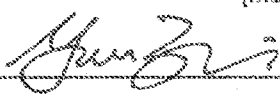
ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Santa Clara

On April 1st, 2016 before me, April Smith (Notary)
(insert name and title of the officer)

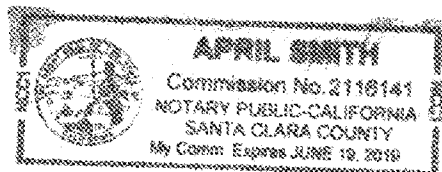
personally appeared 

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to within the instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(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.

WITNESS my hand and official seal.

Signature April Smith (Seal)



April Smith
4/1/2016