

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4270739

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
WI-LAN, INC.	10/06/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
<b>Street Address:</b>	NO.8, LI-HSIN RD. 6, HSINCHU SCIENCE PARK,
<b>City:</b>	HSINCHU
<b>State/Country:</b>	TAIWAN

**PROPERTY NUMBERS Total: 17**

Property Type	Number
Patent Number:	8675677
Patent Number:	8018950
Patent Number:	8675666
Patent Number:	8559982
Patent Number:	8787308
Patent Number:	9124476
Patent Number:	8995292
Patent Number:	8848644
Patent Number:	8576825
Patent Number:	8937872
Patent Number:	8976302
Patent Number:	8913478
Patent Number:	8498354
Patent Number:	8755813
Patent Number:	8823806
Patent Number:	9143774
Patent Number:	8949061

**CORRESPONDENCE DATA**

Fax Number:

*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.*

**PATENT**

**Email:** usa@jcipgroup.com  
**Correspondent Name:** JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE  
**Address Line 1:** 7F.-1, NO. 100, ROOSEVELT RD., SEC. 2,  
**Address Line 4:** TAIPEI, TAIWAN

**ATTORNEY DOCKET NUMBER:** TW0027-TSMC-WILAN COMMA

**NAME OF SUBMITTER:** BELINDA LEE

**SIGNATURE:** /Belinda Lee/

**DATE SIGNED:** 02/13/2017

**Total Attachments: 2**

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ASSIGNMENT

THIS ASSIGNMENT is effective as of the 30th day of September, 2016 by and between Taiwan Semiconductor Manufacturing Company, Ltd. a Taiwan corporation, with a registered address at No. 8 Li-Hsin Road 6, Hsinchu Science Park, Hsinchu 300-78, Taiwan, R.O.C. ("Purchaser") and Wi-LAN, Inc., a Canada corporation with a registered address at 303 Terry Fox Drive, Suite 300 Ottawa, ON, Canada K2K 3J1 ("Vendor").

WHEREAS in this Assignment, "Subject Patents" means all patents and patent applications listed on Schedule "A";

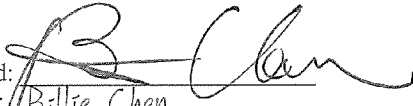
AND WHEREAS the Vendor owns all interest, right, title, property and benefit in and to each of the Subject Patents has agreed to assign all interest, right, title, property and benefit in and to each of the Subject Patents to Purchaser;

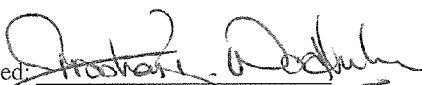
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged, the Vendor hereby sells, assigns, transfers, conveys and sets over to Purchaser (1) all of the Vendor's interest, right, title, property and benefit in and to each of the Subject Patents, (2) the sole right to collect any damages for past, current and future infringement of each of the Subject Patents to the extent not covered by license agreements or forbearances existing as of the date hereof and (3) the right to sue for past, current and future infringement of each of the Subject Patents.

IN WITNESS WHEREOF, the Vendor has caused this Assignment to be executed effective as of the date first written above by its duly authorized officer.

TAIWAN SEMICONDUCTOR  
MANUFACTURING COMPANY, LTD.

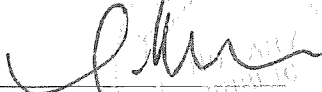
WI-LAN, INC.

Signed:   
Name: Billie Chen  
Title: Director of Intellectual Property Division

Signed:   
Name: Prashant R. Watchmaker  
Title: Corporate Secretary

Country of Canada )  
City of Ottawa )  
)  
)

On this 6<sup>th</sup> day of October, 2016, before me appeared Prashant R. Watchmaker, to me personally known who, being duly sworn, did depose and say that he is the Corporate Secretary of the Vendor as named in the Assignment above and that such Assignment was signed on behalf of the Vendor, and such person acknowledged the Assignment to be the free and authorized act and deed of the Vendor.

  
Notary Public  
My commission expires: N/A

Schedule A

Country ID	Serial #	Publication #	Patent #
US	13/116,658	2011-0228689	8,675,677
KR	10-2010-7021266	10-2011-0003327	10-1402463
US	12/076,315	2009-0231191	8,018,950
US	13/206,324	2011-0293023	8,675,666
US	13/162,375	2011-0312340	8,559,982
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US	13/596,982	2012-0320897	9,124,476
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US	13/334,763	2012-0096498	8,995,292
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US	12/692,471	2010-0182928	8,576,825
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KR	10-2011-7031411	10-2012-0026578	
US	12/793,969	2010-0309806	8,937,872
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US	12/948,534	2011-0116359	8,913,478
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US	13/498,106	2013-0103684	8,755,813
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US	14/339,268	2015-0009339	9,143,774
US	13/182,172	2013-0018622	8,949,061