

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4259894

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
MAPLE VISION TECHNOLOGIES INC.		10/06/2016
<b>RECEIVING PARTY DATA</b>		
<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	
<b>Postal Code:</b>	30078	
<b>PROPERTY NUMBERS Total: 29</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7580173	
Patent Number:	6972982	
Patent Number:	6999214	
Patent Number:	7274649	
Patent Number:	6958805	
Patent Number:	7081977	
Patent Number:	7193953	
Patent Number:	7158274	
Patent Number:	7190656	
Patent Number:	7027196	
Patent Number:	7519224	
Patent Number:	7206106	
Patent Number:	7148468	
Patent Number:	RE45496	
Patent Number:	7570838	
Patent Number:	7970209	
Patent Number:	7729224	
Patent Number:	8634282	
Patent Number:	7729225	
Patent Number:	7796486	

PATENT

Property Type	Number
Patent Number:	7787075
Patent Number:	8832521
Patent Number:	8593927
Patent Number:	7933187
Patent Number:	8233369
Patent Number:	8301959
Patent Number:	7656564
Application Number:	13364266
Application Number:	13364068

**CORRESPONDENCE DATA**

Fax Number: (510)580-7280

*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.*

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-MAPLE
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	02/05/2017

**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 Maple Vision Technologies 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.

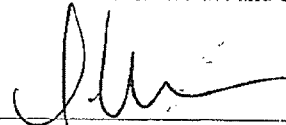
MAPLE VISION TECHNOLOGIES INC.

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 #
JP	2006-196234	2007-171910	4837468
US	11/486,447	2007-0172156	7,580,173
US	10/678,196	2004-0190358	6,972,982
US	10/806,145	2004-0196517	6,999,214
US	10/847,879	2004-0238643	7,274,649
US	10/749,844	2004-0263815	6,958,805
US	10/847,396	2005-0088713	7,081,977
US	10/820,823	2005-0105445	7,193,953
US	10/847,313	2005-0128542	7,158,274
US	10/787,106	2005-0088923	7,190,656
US	10/847,312	2005-0128541	7,027,196
US	11/099,440	2005-0226528	7,519,224
US	11/114,017	2005-0249096	7,206,106
US	10/990,506	2005-0247864	7,148,468
US	14/060,429		RE45496
US	11/024,825	2005-0286095	7,570,838
US	11/486,434	2007-0206485	7,970,209
US	11/687,939	2007-0236765	7,729,224
US	11/688,492	2007-0237042	8,634,282
US	11/688,466	2007-0247683	7,729,225
US	11/486,363	2007-0291617	7,796,486
US	11/762,992	2008-0002114	7,787,075
US	13/665,748	2013-0121125	8,832,521
KR	10-2007-0139324	10-2009-0071115	10-1459762
US	13/562,008	2013-0028066	8,593,927
KR	10-2007-0139331	10-2009-0071122	10-1456297
US	12/344,929	2009-0168630	7,933,187
US	12/344,966	2009-0168627	8,233,369
US	12/439,208	2010-0185912	8,301,959
US	11/047,662	2005-0286096	7,656,564
US	13/364,266		
US	13/364,068		