

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wen-Juh Kang</td> <td>06/21/2013</td> </tr> <tr> <td>Ming-Hsien Tsai</td> <td>06/21/2013</td> </tr> <tr> <td>Jung-Chi Huang</td> <td>06/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Wen-Juh Kang	06/21/2013	Ming-Hsien Tsai	06/21/2013	Jung-Chi Huang	06/21/2013
Name	Execution Date								
Wen-Juh Kang	06/21/2013								
Ming-Hsien Tsai	06/21/2013								
Jung-Chi Huang	06/21/2013								
RECEIVING PARTY DATA									
Name:	GLOBAL UNICHIP CORPORATION								
Street Address:	No. 10, Li-Hsin 6th Rd., Hsinchu Science Park								
City:	Hsinchu City								
State/Country:	Taiwan ROC								
Postal Code:	300								
Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.								
Street Address:	NO. 8, LI-HSIN RD. 6, HSIN-CHU SCIENCE PARK								
City:	HSIN-CHU								
State/Country:	TAIWAN								
Postal Code:	300								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13927203</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13927203				
Property Type	Number								
Application Number:	13927203								
CORRESPONDENCE DATA									
Fax Number:	7038807487								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-639-0151								
Email:	assignment@wpat.com								
Correspondent Name:	WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS								
Address Line 1:	8230 Boone Blvd, Suite 405								
Address Line 4:	Vienna, VIRGINIA 22182								

CH \$40.00 13927203

ATTORNEY DOCKET NUMBER:	67407-333
NAME OF SUBMITTER:	Justin King
Signature:	/Justin King/
Date:	06/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=CombinedDeclarationAssignment#page1.tif source=CombinedDeclarationAssignment#page2.tif source=CombinedDeclarationAssignment#page3.tif	

Combined Declaration and Assignment for Patent Application

For the subject matter which is claimed and for which a patent is sought on the invention entitled:

RECEIVER CIRCUIT

I hereby declare that: As a below named inventor

The specification of which is attached hereto unless the following box is checked

was filed on

as United States Application Number or PCT International Application Number

The above-identified application was made or authorized to be made by me.
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that willful false statements made in this statement is punishable under 18 U.S.C. 1001 by fine or/and imprisonment of not more than five (5) years.

ASSIGNMENT

WHEREAS, I(we), the named inventor(s), whose post office address(es) appear(s) below, hereinafter referred to as Assignor,

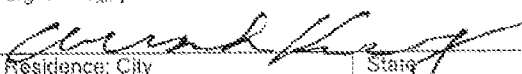
WHEREAS, GLOBAL UNICHIP CORPORATION whose post office address is No. 10, Li-Hsin 6th Rd., Hsinchu Science Park, Hsinchu City 300, Taiwan and Taiwan Semiconductor Manufacturing Co., Ltd. whose post office address is No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park, Hsin-Chu, Taiwan 300, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions.

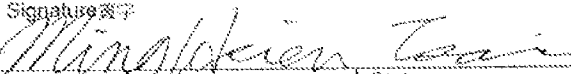
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), Assignor, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part, and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any international Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives;

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Legal Name of the Sole Or First Inventor			
First And Middle Name Wen-Juh		Last Name of Inventor Kang	
Signature 		Signature Date (month/day/year) 6/21/2013	
Residence: City Tainan City	State	Citizenship Taiwan, R.O.C.	
Mailing Address No.249, Zhengxin Rd., Xinhua Dist., Tainan City 712, Taiwan (R.O.C.)			
City Tainan City	State	Zip 712	Country Taiwan, R.O.C.

Legal Name of the Joint Inventor			
First And Middle Name Ming-Hsien		Last Name of Inventor Tsai	
Signature 		Signature Date (month/day/year) 06/21/2013	
Residence: City Kaohsiung City	State	Citizenship Taiwan, R.O.C.	
Mailing Address 19F.-6, No.7, Ln. 140, Ruitai St., Qianzhen Dist., Kaohsiung City 806, Taiwan (R.O.C.)			
City Kaohsiung City	State	Zip 806	Country Taiwan, R.O.C.

Serial No. _____
Attorney Docket No. _____
Ref No. 2011-034
Sundial Ref. No. US08986PAMY

Legal Name of the Joint Inventor			
First And Middle Name Jung-Chi		Last Name of Inventor Huang	
Signature <i>Huang Jung-Chi</i>		Signature Date (month/day/year) 6/21/2013	
Residence City Hsinchu County	State	Citizenship Taiwan, R.O.C.	
Mailing Address 6F., No.8, Ln. 301, Sec. 2, Beixing Rd., Zhudong Township, Hsinchu County 310, Taiwan (R.O.C.)			
City Hsinchu County	State	Zip 310	Country Taiwan, R.O.C.