

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Chun-Chi CHANG	03/22/2010
Chia-Hsiang CHANG	03/22/2010
Jun-Chen CHEN	03/22/2010

**RECEIVING PARTY DATA**

Name:	Taiwan Semiconductor Manufacturing Co., Ltd.
Street Address:	No. 8, Li-Hsin Road 6
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77

Name:	Global Unichip Corporation
Street Address:	No. 10, Li-Hsin Road 6
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12828437

**CORRESPONDENCE DATA**

Fax Number: (215)689-4921  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 215-979-1837  
 Email: jsjulianti@duanemorris.com  
 Correspondent Name: Duane Morris LLP

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**PATENT  
 REEL: 024629 FRAME: 0796**

Address Line 1: 30 South 17th Street  
Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	N1085-00633
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NAME OF SUBMITTER:	Jarrad M. Gunther
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Serial No. 12/ 828,437

filed July 1, 2010

**ATTORNEY DOCKET NO.: 2009.0261/1085.604**

### ASSIGNMENT AND AGREEMENT

For value received, I, **Chun-Chi CHANG, Chia-Hsiang CHANG, and Jun-Chen CHEN**, hereby transfer to **Taiwan Semiconductor Manufacturing Co., Ltd.**, with its principal place of business located at No. 8, Li-Hsin Road 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, Republic of China, and **Global Unichip Corporation**, with its principal place of business located at No. 10, Li-Hsin 6, Science-Based Industrial Park, Hsin-Chu 300-77, Taiwan (R.O.C.) (collectively referred to as "ASSIGNEES") and their successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **POWER ON DETECTION CIRCUIT** described in U.S. Provisional Patent Application No. 61/243,222, which was filed on September 17, 2009, and a non-provisional application executed on even date herewith, under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof, or claiming priority therefrom that have been or may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to the ASSIGNEES the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize the ASSIGNEES to make application for such protection in their own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the ASSIGNEES to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to the ASSIGNEES in the United States and in all countries foreign to the United States, or to such nominees as the ASSIGNEES may designate.

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I agree that, when requested, I shall, without charge to the ASSIGNEES, but at their expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor No. 1

Dated: 3/22 2010

Chun-Chi Chang  
Chun-Chi CHANG

Residence:

4F, No. 9, Alley 2, Lane 51, Zhongxin Street, Xinzhuang City, Taipei County 242, Taiwan (R.O.C.)

Inventor No. 2

Dated: 3.22.2010

Chia-Hsiang Chang  
Chia-Hsiang CHANG

Residence:

No. 23, Alley 8, Lane 70, Xinfu Street, Pingzhen City, Taoyuan County 324, Taiwan (R.O.C.)

Inventor No. 3

Dated: 3/22/2010

Jun Chen Chen  
Jun-Chen CHEN

Residence:

7F, No. 131, Sec. 2, Jiafeng 5<sup>th</sup> Road, Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)