

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shi-Hao Chen	02/19/2009

RECEIVING PARTY DATA

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

Name:	Global Unichip Corp.
Street Address:	No. 10, Li-Hsin 6th Road
Internal Address:	Hsinchu Science Park
City:	Hsinchu City
State/Country:	TAIWAN
Postal Code:	300 R.O.C.

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12617572

CORRESPONDENCE DATA

Fax Number: (972)732-9218
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 972-732-1001
 Email: colgrove@slater-matsil.com
 Correspondent Name: Slater & Matsil, L.L.P.
 Address Line 1: 17950 Preston Road
 Address Line 2: Suite 1000

CH \$40.00 12617572

Address Line 4: Dallas, TEXAS 75252

ATTORNEY DOCKET NUMBER:

TSM08-0330

NAME OF SUBMITTER:

Sherry L. Colgrove

Total Attachments: 1

source=TSM08-0330_Signed_Assignment#page1.tif

ATTORNEY DOCKET NO.
TSM08-0330

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

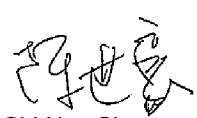
WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd. (TSMC), a corporation organized and existing under the laws of Taiwan, the Republic of China, with its principal office at No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, R.O.C., and Global Unichip Corp. (GUC), a corporation organized and existing under the laws of Taiwan, the Republic of China, with its principal office at No. 10, Li-Hsin 6th Road, Hsinchu Science Park, Hsinchu City 300, Taiwan, R.O.C., are desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TSMC and GUC, their successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TSMC and GUC, as assignees of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to TSMC and GUC, their successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TSMC and GUC, or to their successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee companies, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TSMC and GUC, their successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	Apparatus and Methods for Programmable Power-Up Sequence			
SIGNATURE OF INVENTOR AND NAME	 Shi-Hao Chen			
DATE	2009.2.19			
RESIDENCE (City, County, State)	Nantou City, Taiwan			

ATTORNEY DOCKET NO.
TSM08-0330