

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3383409

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA TO IDENTIFY THE SECOND ASSIGNEE LISTED IN THE SIGNED ASSIGNMENT. previously recorded on Reel 023509 Frame 0717. Assignor(s) hereby confirms the ASSIGNMENT.	
CONVEYING PARTY DATA		
	Name	Execution Date
	YE LIN CHUANG	02/19/2009
RECEIVING PARTY DATA		
Name:	Taiwan Semiconductor Manufacturing Company, Ltd.	
Street Address:	No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park	
City:	Hsin-Chu	
State/Country:	TAIWAN	
Postal Code:	300-77	
Name:	GLOBAL UNICHIP CORP.	
Street Address:	NO. 10, LI-HSIN 6TH ROAD	
Internal Address:	HSINCHU SCIENCE PARK	
City:	HSIN-CHU CITY	
State/Country:	TAIWAN	
Postal Code:	300	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	12617498
CORRESPONDENCE DATA		
Fax Number:	(972)732-9218	
<i>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.</i>		
Phone:	972-732-1001	
Email:	edwards@slater-matsil.com	
Correspondent Name:	SLATER & MATSIL, L.L.P.	
Address Line 1:	17950 PRESTON RD., SUITE 1000	
Address Line 4:	DALLAS, TEXAS 75252	
ATTORNEY DOCKET NUMBER:	TSM08-0331	
NAME OF SUBMITTER:	KASEY EDWARDS	

SIGNATURE:	/Kasey Edwards/
DATE SIGNED:	06/04/2015
Total Attachments: 7 source=TSM08-0331 Assign#page1.tif source=TSM08-0331 Assign#page2.tif source=TSM08-0331 Assign#page3.tif source=TSM08-0331 Assign#page4.tif source=TSM08-0331 Assign#page5.tif source=TSM08-0331 Assign#page6.tif source=TSM08-0331 Assign#page7.tif	

TO: SLATER & MATSIL, L.L.P. COMPANY: 17950 PRESTON ROAD

PATENT ASSIGNMENT

Electronic Version v1.1

11/12/2009

Stylesheet Version v1.1

501014062

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ye Lin Chuang	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.
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12617498
CORRESPONDENCE DATA	
Fax Number:	(972)732-9218
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-732-1001
Email:	edwards@slater-matsil.com
Correspondent Name:	Slater & Matsil, L.L.P.
Address Line 1:	17950 Preston Road
Address Line 2:	Suite 1000
Address Line 4:	Dallas, TEXAS 75252
ATTORNEY DOCKET NUMBER:	TSM08-0331
NAME OF SUBMITTER:	Kasey Edwards
Total Attachments: 1 source=TSM08-0331_Assignment#page1.tif	

CH \$40.00 12617498

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

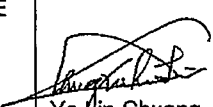
WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd. (TSMC), a corporation organized and existing under the laws of Taiwan, the Republic of China, with its principal office at No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, R.O.C., and Global Unichip Corp. (GUC), a 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	<i>Method for Detecting Errors and Recovering Video Data</i>			
SIGNATURE OF INVENTOR AND NAME	 Ye Jin Chuang			
DATE	2009.2.19			
RESIDENCE (City, County, State)	Kaohsiung City, Taiwan			