# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JIN-FENG SHIU	07/24/2014
ROUH-JIER WANG	07/24/2014
CHING-JUNG HSU	07/24/2014
WAN-YU CHEN	07/24/2014
HAN-RU HUNG	07/24/2014

#### RECEIVING PARTY DATA

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City:	HSIN-CHU
State/Country:	TAIWAN
Postal Code:	300-77

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14338056

## **CORRESPONDENCE DATA**

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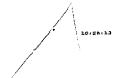
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ATTORNEY DOCKET NUMBER:	0941-3019PUS1
NAME OF SUBMITTER:	LA TESA BOONE
SIGNATURE:	/LA TESA BOONE/
DATE SIGNED:	09/09/2014

**Total Attachments: 2** 

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502968801 PATENT REEL: 033703 FRAME: 0293



## ASSIGNMENT

WHEREAS, Jin-Feng SHIU, Rouh-Jier WANG, Ching-Jung HSU, Wan-Yu CHEN, and Han-Ru HUNG hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: METHOD AND	APPARATUS FOR	RECYCLING WASTI	E SULFURIC ACID
Title: METHOD AND	AFFARAIUS FUN	KECICLING WAST	SOULI CIRCILOID

THE STATE OF THE S	Serial No. 14/338 056
Filed: July 22, 2014	Dollar 110
Executed on: July 24, 2014	

WHEREAS, <u>Taiwan Semiconductor Manufacturing Co., Ltd.</u> of <u>No.8, Li-Hsin Road. 6</u>, <u>Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, R.O.C.</u> hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

# **ASSIGNMENT**

2014.7.24	Jin-Fong SHIV	
Date	Name: Jin-Feng SHIU	(Last name: SHIU)
1/54 (4	Rouh-Ther W	lang
Date	Name: Rouh-Jier WANG (	(Last name: WANG)
<u>784 //L</u> Date	Mame: Ching Jung HSU	(Last name: HSU)
/4-14	Wan-Yu CHEN	
Date	Name: Wan-Yu CHEN	(Last name: CHEN)
11/24/41	Han-Pu Hung	
Date	Name: Han-Ru HUNG	(Last name: HUNG)