# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3476444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SU-HORNG LIN	07/14/2015
TSUNG-HSUN YU	07/28/2015
VICTOR Y. LU	07/14/2015

## **RECEIVING PARTY DATA**

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.
Street Address:	NO. 8 LI-HSIN RD. 6
Internal Address:	HSIN-CHU SCIENCE PARK
City:	HSIN-CHU
State/Country:	TAIWAN
Postal Code:	300-77

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14798938

## **CORRESPONDENCE DATA**

Fax Number: (216)502-0601

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.

Phone: 216-502-0600

Email: docketing@eschweilerlaw.com

ESCHWEILER & ASSOCIATES, LLC. **Correspondent Name:** Address Line 1: 629 EUCLID AVENUE, SUITE 1000 Address Line 2: NATIONAL CITY BANK BUILDING

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	TSMCP582US				
NAME OF SUBMITTER:	DAVID W. POTASHNIK				
SIGNATURE:	/DAVID W. POTASHNIK/				
DATE SIGNED:	08/10/2015				

**Total Attachments: 5** 

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT REEL: 036290 FRAME: 0566** 503429811



PATENT REEL: 036290 FRAME: 0567

### PATENT ASSIGNMENT

## PARTIES TO THE ASSIGNMENT

#### Assignor(s):

shlin,2025/07/14 09:01:17

Su-Horng Lin No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

## Assignor(s):

Tsung-Hsun Yu No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

## Assignor(s):

Victor Y. Lu No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

## Assignee:

Taiwan Semiconductor Manufacturing Co., Ltd. No. 8, Li-Hsin Rd. 6, Hsin-Chu Science Park Hsin-Chu, Taiwan 300-77 Republic of China

### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

# "CLUSTER TOOL TECHNIQUES WITH IMPROVED EFFICIENCY" for which:

a non-provisional application for United States Letters Patent:

Was executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration); or

was filed on \_\_\_\_ and accorded U.S. Serial No. \_\_\_\_; or

I hereby authorize and request my attorney associated with Customer No. 107476, to insert on the designated lines below the filing date and application

Page 1 of 5

number of said application when known:

Attachment 15a
PATENT
REEL: 036290 FRAME: 0568

U.S. S	erial	No.		 	 	 	
filed o	n			 		 	

WHEREAS, ASSIGNEE (listed above), a corporation of the Republic of China is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Page 2 of 5

onlin 2015/87/14 09:01:17

TSMC Docket No. P20150288US00 Docket No. TSMCP582US

2015/7/14 Date

Name 1st Inventor Su-Horng Lin

V\_ July, 28, 2015

Name 2<sup>nd</sup> Inventor Tsung-Hsun Yu

Page 4 of 5

REEL: 036290 FRAME: 0571

TSMC Docket No. P20150288US00 Docket No. TSMCP582US

7/14/≥0/5 Date

Name 3<sup>rd</sup> Inventor Victor Y. Lu

Page 5 of 5

Jan 2008

RECORDED: 08/10/2015

Attachment 15a
PATENT
REEL: 036290 FRAME: 0572