503042286 10/30/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3088885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIDEHIRO FUJIWARA	10/22/2014
LI-WEN WANG	10/22/2014
YEN-HUEI CHEN	10/22/2014
HUNG-JEN LIAO	10/22/2014

### **RECEIVING PARTY DATA**

Name:	TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY, LTD.
Street Address:	NO. 8, LI-HSIN RD. VI, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300

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

Property Type	Number		
Application Number:	14528337		

## **CORRESPONDENCE DATA**

**Fax Number:** (703)518-5499

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: 7036841111
Email: tsmc@ipfirm.com

Correspondent Name: LOWE HAUPTMAN & HAM, LLP (TSMC)

Address Line 1: 2318 MILL ROAD SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	T5057-1117
NAME OF SUBMITTER:	RANDY A. NORANBROCK
SIGNATURE:	/Randy A. Noranbrock/
DATE SIGNED:	10/30/2014

**Total Attachments: 1** 

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PATENT REEL: 034075 FRAME: 0150

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Docket No. T5057-1117 TSMC2014-0924

# **ASSIGNMENT**

In consideration of the premises and other good	d and valuable consideration	in hand paid	, the receipt a	and sufficiency of	١f
which is hereby acknowledged, the undersigned,		-	-	•	

which is	hereb	y acknowledged, the undersigned,		
	1)	Hidehiro FUJIWARA	3)	Yen-Huei CHEN
	2)	Li-Wen WANG	4)	Hung-Jen LIAO
MANUI 300, Tai	ACTI wan R	URING COMPANY, LTD., having a p .O.C.	lace of b	ells, assigns and transfers unto TAIWAN SEMICONDUCTOR usiness at No. 8, Li-Hsin Rd. VI, Hsinchu Science Park, Hsinchu
its succe	ssors a	and assigns (hereinafter designated "ASS 5 U.S.C. 100 in the invention entitled	IGNEE"	) the entire right, title and interest for the United States of America
			717 T 337	ODD I INE
IVIEIVI	JKI	CELL HAVING MULTI-LEV	EL W	ORDLINE
(a)	for wl Unite	hich an application for United States Let d States Patent Application No.	ters Pater 14/528	nt was filed on 2014-10-30, and identified by 3,337; or
(b)	for w	hich an application for United States Let	ters Pater	nt was executed on,
all Unite continua Property agrees th applicati ASSIGN applicati ASSIGN	d State tions-in to the lat the AND on for IEE, it ons for IEE, it ons for IEE, it	es Letters Patent which may be granted n-part thereof, and the right to all ber e said ASSIGNEE, for its interest as AS attorneys of record in said application shall the undersigned hereby agrees to train and obtaining original, divisional, reissus successors, assigns and legal representation patent based thereon, growing out of	thereformefits und SIGNEE mall herea unsfer a ued or extatives, a f or relati	States Commissioner of Patents and Trademarks to issue any and e and any and all extensions, divisions, reissues, continuations, or der the International Convention for the Protection of Industrial it, its successors, assigns and legal representatives; the undersigned after act on behalf of said ASSIGNEE;  like interest, and to render all necessary assistance in making tended Letters Patent of the United States, upon request of the said and without further remuneration, in and to any improvements, and ted to the said invention; and to execute any papers by the said leemed essential to ASSIGNEE's full protection and title in and to
		e date indicated aside my signature:  Chino Fuji werro, niro FUJIWARA		Oct 22, 2014  Date:
2) <u> </u>	ーム Li-W	en Wang en WANG		0.c6.22,2014 Date:
3) <u>{</u>	Yen-F	Jue: CHEN		Oct. 22, 2014

PATENT REEL: 034075 FRAME: 0151

Oct. 22, 2014

**RECORDED: 10/30/2014**