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TS01-796/786	10195898	39				
To the Honorable Commissioner of	101000	record the a	ttached original doc	uments or copy th	nereof.	
1. Name of conveying party(ies):		2. Name a	and address of rec	eiving party(ies	s):	
KEI-WEI CHEN, KUO-HSIU WE	I, YU-KU LIN,	Name:	Taiwan Semicon	ductor Manuf	acturing	
TING-CHUN WANG, YING-LAN SHIH-TZUNG CHANG	G WANG,	Compa		1		
Additional name(s) or conveying party(ies) a	ittached? Yes X N	l .	Address:		.7. PTC	
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3. Nature of conveyance		121 Pa	rk Ave. 3		9/0	= 2
X Assignment Mer	ger		e-Based Industri		Ď.	
Security Agreement Cha	inge of Name		Hsin-Chu ry: Taiwan, R.O	Zip: .C.	ני	
other						
Execution Date: <u>11/9/01</u>		Additiona	al name(s) & addres	s(es) attached?	Yes	x
4. Application number(s) or patent no	1	No				
A	Additional numbers attache	d? Ye	s X No			
5. Name and address of party to who concerning document should be ma	- 1	6. Total no	o. of applications a	and patents invo	olved::	1
Name: GEORGE O. SAILE Internal Address:		7. Total fe	e (37 CFR 3.41):	\$ 40.00		
			nclosed	10100		
Street Address: 20 MCINTOSH	I DRIVE	X A	uthorized to be cl	narged to depos	it acct.	
City: POUGHKEEPSIE State:	NY ZIP: 12603		t account number:		eposit acc	ount)
9. Statement and signature. To the best of my knowledge and to of the original document STEPHEN B. ACKER Name of Person Signing NO2 6TON11 00000328 190033 1004257	MAN S	signati		ny attached cop	y is a tru	е сору
11 40.00 CH	<u> </u>			PATENT	·	

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	For X U.S. and/or X Foreign Rights					
	For X Application or U.S. Patent					
	By X Inventor(s) or Present Owner					
ASSIGNMENT OF INVENTION						
In consideration of the payment by ASSIGNE receipt of which is hereby acknowledged, and	EE to ASSIGNOR of the sum of One Dollar (\$1.00), the d for other good and valuable consideration,					
ASSIGNOR:						
KEI-WEI CHEN Type or print name of ASSIGNOR	KUO-HSIU WEI Type or print name of ASSIGNOR					
1Fl No 224, Yung Li Rd. Yung-Ho Address						
Lity, Taiper, Taiwan	San win Rd. , Banchian City Toyor Town 200					
Republic of China Nationality	Nationality of Chance					
YU-KIN LIN Type or print name of ASSIGNOR	TING-CHUN WANG Type or print name of ASSIGNOR					
37. No. 305, Soc. 2, Kuang-Fu Rd.	No.51, Lanell, Yishin 3rd st. Yang me? Jen.					
Hsin-chu & city, Taiwan	Taoyuan Taiwan					
Republic of China Nationality	Republic of China Nationality					
ASSIGNEE:						
Taiwan Semiconductor Manufacturing C Ltd. 121 Park Ave. 3 Science-Based Industrial Park Hsin-Chu, Taiwan, R.O.C. Taiwan, R.O.C.	o.					
and the successors, assigns and legal repres	sentatives of the ASSIGNEE					
(complete	one of the following)					
	interest for the United States and its territorial possessions gn rights are also to be assigned)					
in and to any and all improvements which are	e disclosed in the invention entitled:					

Removal Of Si ON Residue After COOP

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in and to any and all improvements which are disclosed in the invention entitled:

Removal Of SiON Residue After CMP

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and which is found in					
(a) X U.S. patent application executed on even	ı date herewith				
(b) U.S. patent application executed on					
(c) U.S. application serial no.	filed on				
(d) U.S. patent no.	issued				
(also check (e) if foreign application(s) is also being assigned) (e) and any legal equivalent thereof in a foreign country, including the right to clam priority					
	for said invention by the above application or any and as to letters patent any re-issue or re-examination				
ASSIGNOR hereby covenants that no assignment be made or entered into which would conflict with the	ent, sale, agreement or encumbrance has been or will is assignment.				
pertinent facts and documents relating to said inventing to said i	E will, upon its request, be provided promptly with all tion and said Letters Patent and legal equivalents as will testify as to the same in any interference, litigation to and deliver to ASSIGNEE or its legal representatives to apply for, obtain, maintain, issue and enforce said and said equivalents thereof which may be necessary				
IN WITNESS WHEREOF, I / We have signed this					
	Strik-Tzung Chang				
If ASSIGNOR is a legal entity complete the following information					
	Type or print the name of the above person authorized to sign on behalf of ASSIGNOR				
Note: No witnessing, notarization or legalization is necessary, if the ass	Title Signment is notarized or legalized then it will only be prima facie evidence (35 USC)				
261). Use next page if notarization is desired.					

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(b)		U.S. patent application executed on	
(c)		U.S. application serial no.	filed on
(d)			issued
(=)	<u> </u>	(also check (e) if for	reign application(s) is also being assigned)
(e)			gn country, including the right to clam priority
	nuati		for said invention by the above application or any and as to letters patent any re-issue or re-examination
		SIGNOR hereby covenants that no assignme or entered into which would conflict with thi	ent, sale, agreement or encumbrance has been or will s assignment.
pertir may or pro any a applio or de	nent be k ocee and a catic siral	facts and documents relating to said invent nown and accessible to ASSIGNOR and will ding related thereto and will promptly execute Ill papers, instruments or affidavits required in, said invention and said Letters Patent a ple to carry out the purposes thereof.	will, upon its request, be provided promptly with all ion and said Letters Patent and legal equivalents as ill testify as to the same in any interference, litigation e and deliver to ASSIGNEE or its legal representatives to apply for, obtain, maintain, issue and enforce said nd said equivalents thereof which may be necessary
		G Date of signing must be the same as the date of extended to the same as the	of signing) xecution of the application if item (a) was checked above. Ying - Lang Wang Signature SPASSIGNOR(S) Ting - Chun Wang Dormation
			Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
			Title
	Note 261).	No witnessing, notarization or legalization is necessary, if the assi Use next page if notarization is desired.	ignment is notarized or legalized then it will only be prima facie evidence (35 USC

and which is found in

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