PATENT REEL: 011604 FRAME: 0214

	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	E to ASSIGNOR of the sum of One Dollar (\$1.00), the d for other good and valuable consideration,	
ASSIGNOR:		
MIN-HWA CHI Type or print name of ASSIGNOR  3F-J, No.50, Da-Shiye Rd., Address  Hsin-Chu, Taiwan,  U.S.A.  Nationality	CHIA-SHIUNG TSAI  Type or print name of ASSIGNOR  125. Alley Co Cane 62 gam - Tsney Rd  Address  Him- Chia, Tainan  Republic of China  Nationality	
YEUR-LUEN TU Type or print name of ASSIGNOR  117-1, No. 116, Mei-Ho St. Address Ta: chung, Ta:wan Republic of China Nationality  ASSIGNEE:		
Taiwan Semiconductor Manufacturing Co 121 Park Ave. 3 Science-Based Industrial Park Hsin-Chu, Taiwan, R.O.C. Taiwan, R.O.C.	o. Ltd.	
and the successors, assigns and legal repre-	sentatives of the ASSIGNEE one of the following)	
(check the following box/f forei	) interest for the United States and its territorial possessions ign rights are also to be assigned)	
in and to any and all improvements which are disclosed in the invention entitled:		
A New Structure Of Merged Vertical Capacitor Inside Spiral Conductor For RF And Mixed-Signal Applications		

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and whic	h is found in	
(a) x	U.S. patent application executed on even date	e herewith
(b)	U.S. patent application executed on	
(c)	U.S. application serial no.	filed on
(d)	U.S. patent no.	issued
	1	application(s) is also being assigned)
(e)	and any legal equivalent thereof in a foreign o	ountry, including the right to clam priority
		said invention by the above application or any is to letters patent any re-issue or re-examination
	SIGNOR hereby covenants that no assignment, so or entered into which would conflict with this as	sale, agreement or encumbrance has been or will signment.
pertinent may be ke proceedir any and a application	facts and documents relating to said invention a nown and accessible to ASSIGNOR and will testi ng related thereto and will promptly execute and all papers, instruments or affidavits required to a	I, upon its request, be provided promptly with all and said Letters Patent and legal equivalents as fy as to the same in any interference, litigation or deliver to ASSIGNEE or its legal representatives pply for, obtain, maintain, issue and enforce said said equivalents thereof which may be necessary
IN WITNESS WHEREOF, I / We have signed this  Jan 30, 200   (Date of signing)		
WARNIN	IG Date of signing must be the same as the date of execution	Signature of ASSIGNOR(S)  Signature of ASSIGNOR(S)  Signature of ASSIGNOR(S)
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
		Title
Not	e: No witnessing, notarization or legalization is necessary, if the assignm	nent is notarized or legalized then it will only be prima facie evidence (35 USC

**RECORDED: 03/05/2001** 

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\_\_\_Notarization of Legalization Page Added.