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TS97-399 To the Honorable Commissioner of Paten	1007271	82				
Name of conveying party(ies):	its and mademants.	2 Name and		nents or copy ther		
JENG-HORNG CHEN AND TSU SHIH		2. Name and address of receiving party(ies): Name: Taiwan Semiconductor Manufacturing Company				
JENG-HORNG CHEN AND TSU SI Additional name(s) or conveying party(ies) atta	ched? Yes X No	Internal Ad			072990	
3 Nature of conveyance] 121 Park .	A 2		18	
X Assignment Merger		Science-Based Industrial Park City: Hsin-Chu Zip:				
Security Agreement Chang	ge of Name		Taiwan, R.O).C.		
other						
Evecution Date: 2/22/00		A adadisi a usa ta a	amo(a) 0 =======	0(00) 0#005-40	Von Whi-	
Execution Date: 2/23/98 4. Application number(s) or patent num	nhar(c):	Additional na	ame(s) & addres	s(es) attached?	Yes X No	
A. Patent Application No(s) 09/072990		<u>0</u>	. Patent No.(s	1		
Ac	dditional numbers attache	d? Yes	x No			
5. Name and address of party to whon concerning document should be maile Name: GEORGE O. SAILE	•	6. Total no. o	f applications	and patents invo	olved:: 1	
Internal Address:	(4.100)	7. Total fee (37 CFR 3.41).	\$ <u>40.00</u>		
		Enclo	osed			
Street Address: 20 MCINTOSH	Street Address: 20 MCINTOSH DRIVE		X Authorized to be charged to deposit acct.			
City: POUGHKEEPSIE State: N	City: POUGHKEEPSIE State: NY ZIP: 12603		8 Deposit account number: 19-0033 (Attach duplicate copy of this page if paying by deposit account)			
03/1998 JSHMANZZ 00000093 190033 09072990 # Ref: 00000093 DM#: 190033 09072990 FC;561 40.00 CH	DO NOT USE T	HIS SPACE				
9. Statement and signature. To the best of my knowledge and be of the original document	elief the foregoing inform	ation is true and	d correct and a	nny attached co	oy is a true copy	
STEPHEN B. ACKERN Name of Person Signing	IAN Y	Signature		$\frac{-5 4 48}{\text{Date}}$		
		Total number	r of pages con	nprising cover s	heet: 3	
			PATI	FNT		

REEL: 9202 FRAME: 0912

F	For X U.S. and/or X Foreign Rights			
F	For X Application or U.S. Patent			
E	By X Inventor(s) or Present Owner			
ASSIGNMENT OF INVENTION				
In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,				
ASSIGNOR:				
JENIG -HORNG CHEN Type or print name of ASSIGNOR	Tsu Shih			
Type or print name of ASSIGNOR F. No. 19 Lane XY, Section I	1 ype or print name of ASSIGNOR 6 F. M2. (46, 4) llay (08,			
Address (Resp. Kong Pd Tairai Tairan	Address Sec 1, Kuang-Fu Rd, Hsin-Chu Taiwan			
Penille of China	Rombles of Chan			
Nationality	Republic of China Nationality			
ASSIGNEE:				
Taiwan Semiconductor Manufacturing Co. Ltd. 121 Park Ave. 3 Science-Based Industrial Park Hsin-Chu, Taiwan, R.O.C. Taiwan, R.O.C. Nationality				
and the successors, assigns and legal representatives of the ASSIGNEE				
(complete one of the following)				
x the entire right, title and interest				
an undivided percent (%) interest for the United States and its territorial possessions (check the following box/f foreign rights are also to be assigned) x and in all foreign countries				
in and to any and all improvements which are disclosed in the invention entitled:				
Segmented Box-in-Box For Improving Back End Overlay Measurement				

PATENT REEL: 9202 FRAME: 0913

U.S. patent application executed on even date herewith (a) (b) U.S. patent application executed on _____ (c) U.S. patent no. ______issued (d) (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 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof. ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. IN WITNESS WHEREOF, I / We have signed this WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. 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 Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC

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__Notarization of Legalization Page Added.

261). Use next page if notarization is desired.

and which is found in