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PATENT REEL: 010477 FRAME: 0821

For X U.S. and/or X Foreign Rights
For Application or U.S. Patent
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:

SHAU-LIN SHUE	MEI-YUN WANG
Type or print name of ASSIGNOR	Type or print name of ASSIGNOR
No25 Attey & Lane 485	15F-2, No. 46, Sec. 3
Kwung-FuRd. I Hsinchu, Taiwa	an Chung-Hwa Rd. Hsinchu, Tainar
Republic of china	<u>Republic of China</u>

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)

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:

Method For Forming Incompletely Landed Via With Attenuated Contact Resistance

and which is found in

(a)	x	U.S. patent application executed on ev	en date herewith	
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(C)		U.S. application serial no.	f	ïled on
(d)		U.S. patent no.	issued	
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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.

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IN WITNESS WHEREOF, I / We have signed this

(Date of signing)

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 261). Use next page if notarization is desired.

___Notarization of Legalization Page Added.

PATENT REEL: 010477 FRAME: 0823

RECORDED: 12/20/1999