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FORM PTO-1595			SHEET	U.S. DEPARTMENT OF COMMERCE
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)				Patent and Trademark Office
To the Honorable Commissa	1012397	'93	ned original documents or copy t	hereof.
Name of conveying part(ies):		2. Name and ac	ldress of receiving party(ie	es)
		Name:	United Microelectronics	Corp.
Tong-Yu Chen, His-Ta Chuang, and Chan-Lon Yang		Street Address:	No. 3, Li-Hsin Rd. II., Sc Park, Hsinchu City, Taiw	
		Name:	United Semiconductor Co	orp.
		Street Address:	No. 3, Li-Hsin Rd. II., Sc Park, Hsinchu City, Taiw	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Additional name(s) &	& address(es) attached?	s ⊠ No	
3. Nature of conveyance:				
				09/457
Execution Date: November 22, 1999, November 29, November 22, 1999	1999, and			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new app	plication, the execut	ion date of the app	plication is: November 22, and Novembe	
A. Patent application No.(s)	B. Patent No.(s) Additional numbers atta	ached? Yes No	1	
Name and address of party to whom correspondence concerning document should be mailed: Daniel R. McClure A Division L. L. P.		6. Total number	of applications/patents in	nvolved: [1]
Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1500				
Atlanta, Georgia 30339		7. Total fee (37 Enclosed Authorized	CFR 3.41) \$ 40.00 d to be charged to deposit	account
1/05/2000 DMGUYEN 00000270 09457561	8. Deposit Acco 20-0778 (Attach duplicate	ount Number:	posit Account)	
FC:581 40.00 0P	DO NOT USE	THIS SPACE		
9. Statement and signature. To the best of my knowledge	ge and belief, the for	regoing information	on is true and correct and	any attached copy is a
true copy of the original document.			9, 1199	
Type Name of Person Signing - Daniel R. McClure Docket #: 252103-4490 Total number of	of pages including cover		document: [3]	

ASSIGNMENT

WHEREAS, 1. Tong-Yu Chen

2. Hsi-Ta Chuang

3. Chan-Lon Yang

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: METHOD OF MANUFACTURING METALLIC INTERCONNECTS

ſ] Filed:	Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, 1. United Microelectronics Corp., of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

2. United Semiconductor Corp., of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

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ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s)

indicated.	
Jong In Chen	Nov. 22, 1999
Signature:	Date:
Sole or First Joint Inventor: Tong-Yu Chen	
Signature: Second Joint Inventor (if any): Hsi-Ta Chuang	1990 29 1990 Date:
	Nov 22 1999

Date:

Signature:

Third Joint Inventor (if any): Chan-Lon Yang

RECORDED: 12/09/1999

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PATENT REEL: 010465 FRAME: 0972