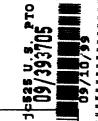
Docket No.: 40

09-24-1999



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FORM PTO-1596 RECORDATION FORM COVER SHEET
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 4006-067 PATENT	IS ONLY		
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereto:		
1. Name of conveying party(jes):	2. Name and address of receiving party(ies):		
Chine-Gie LOU and Min-Hwa CHI	Name: WORLDWIDE SEMICONDUCTOR MANUFACTURING		
	CORP.		
V. VV N.	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes XX No			
3. Nature of conveyance:	Street Address No. 35 Li Hein Dd. Science Deced Industrial		
X Assignment Merger	Street Address: No. 25, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.		
Security Agreement Change of Name			
Other	City: State/Country: ZIP:		
Execution Date: August 12, 1999	Additional name(s) & address(es) attached? _ Yes _XX No		
4. Application number(s) or patent number(s):	393705		
If the document is being filed together with a new application, the ex-	xecution date of the application is: August 12, 1999		
A. Patent Application No(s).	B. Patent No(s).		
, , , , , , , , , , , , , , , , , , ,			
Additional numbers attac	ched? _ Yes <u>XX</u> No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER	7. Total fee (37 CFR.3.41)		
Internal Address:	X Enclosed		
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City: Alexandria State: VA ZIP: 22314			
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9. Statement and signature. To the best of my knowledge and belief, the foregoing informatioriginal document.	ion is true and correct and any attached copy is a true copy of the		
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Name and Registration No. of Pe son Eighing	Signature Date		
1 // //	Total number of pages comprising cover sheet: 1		
CMB No. 0851-0011 (exp. 4/94)			

09/21/1999 62: C:561

> PATENT REEL: 010252 FRAME: 0159

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)	***
METHOD TO FABRICATE DRAM CAPACITOR	
The PATENT RIGHTS referred to in this agreement are:	
(check one) a patent application for this invention, executed by the ASSIGNOR(S)	
concurrently with this assignment.	
U.S. patent application Serial No,filed	
a U.S. patent application based on PCT International Application	
Nofiled on (date)(U.S. patent application	n
Serial No, if known).	
U.S. patent No, issued	
The PATENT RIGHTS also include all divisions reissues, continuations and extensions of	of
the patents and patent applications identified above.	
The PATENT RIGHTS assigned under this agreement are:	
(check one) U.S. patent rights only.	
Worldwide patent rights. In this case, the assignee shall have the right to	
claim the benefit of the filing date of any U.S. or foreign patent application	1
for this invention.	
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signature	res
appear on page 2 of this Assignment and any Supplemental Sheet(s).	
The ASSIGNEE referred to in this agreement is:	
(Name of Assignee) WORLDWIDE SEMICONDUCTOR MANUFACTURING CORP.	
(Address) NO.25, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIW	AN, R.O.
The ASSIGNEE is:	_
(check one)□ An individual.	
A Partnership.	
A Corporation ofTAIWAN, R.O.C(specify state or country	ン)
(other)	
The ASSIGNOR(S), in consideration of 10.00 paid by the ASSIGNEE, and other good a	and
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following	
rights to the ASSIGNEE, its successors and assigns:	
the full and exclusive right to the invention;	
the entire right, title and interest in and to the PATENT RIGHTS;	
the right to sue and recover for any past infringement; and	
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable	

provisions, based on any earlier patent applications for this invention.

PATENT REEL: 010252 FRAME: 0160

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S)	TO
ASSIGNEE: WORLDWIDE SEMICONDUCTOR MANUFACTURING	CORP.
INVENTION TITLE: METHOD TO FABRICATE DRAM CAPACITOR	`

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) ereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the ole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its epresentatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify n any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, enewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filling date in this document after it has been excuted.

Chine-Gie LOU	Chine - Gie Loy	Aug. 12, 1999
Name of sole or first inventor	Signature	Date
Min-Hwa CHI	Mils live Chi	July 121/999
Name of second inventor, if any	Signature	Date
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date
Name of seventh inventor, if any	Signature	Date

RECORDED: 09/10/1999

PATENT REEL: 010252 FRAME: 0161