

ATTORNEY DOCKET NO. 2005.0400/1085.00351

Form <b>PTO-1595</b> (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): 1. Chii-Ming Wu      5. Chih-Wei Chang 2. Shih-Wei Chou    6. Shau-Lin Shue 3. Gin Jei Wang 4. Cheng-Tung Lin Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Taiwan Semiconductor Manufacturing Co., Ltd.</u> Internal Address: _____ _____ Street Address: <u>No. 6, Li-Hsin Road 6</u> <u>Science Based Industrial Park</u> City: <u>Hsin-Chu</u> State: _____ Zip: _____ Country: <u>Taiwan 300-77 R.O.C.</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <span style="border: 1px solid black; padding: 2px;">01/16/2006</span>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>11/343,648</u> B. Patent No.(s) _____ _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steven E. Koffs, Esquire</u> Internal Address: <u>Duane Morris LLP</u> _____ Street Address: <u>30 South 17th Street</u> _____ City: <u>Philadelphia</u> State: <u>PA</u> Zip: <u>19103-4196</u>	6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 2px;">1</span> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>04-1679</u>	
<b>DO NOT USE THIS SPACE</b>		
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <u>Richard A. Paikoff</u>            Name of Person Signing         </div> <div style="text-align: center;">             Signature         </div> <div style="text-align: center;"> <u>05/05/2006</u>            Date         </div> </div> <div style="text-align: center; margin-top: 10px;">         Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">4</span> </div>		

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Mail documents to be recorded with required cover sheet information to:  
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Serial No. 11/343,648

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**ASSIGNMENT AND AGREEMENT**

For value received, we, **Chii-Ming Wu, Shi-Wei Chou, Gin Jai Wang, Cheng-Tung Lin, Chih-Wei Chang, and Shau-Lin Shue**, hereby sell, assign and transfer to **Taiwan Semiconductor Manufacturing Co., Ltd.**, with its principal place of business located at No. 8, Li-Hsin Road 6, Science-Based Industrial Park, Hsin-Chu, Taiwan 300-77, Republic of China, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHOD FOR SILICIDE FORMATION ON SEMICONDUCTOR DEVICES** described in an application for Letters Patent of the United States and all the rights and privileges in said application, and under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof, or claiming priority therefrom that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Taiwan Semiconductor Manufacturing Co., Ltd. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Taiwan Semiconductor Manufacturing Co., Ltd. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Taiwan Semiconductor Manufacturing Co., Ltd. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Taiwan Semiconductor Manufacturing Co., Ltd. in the United States and in all countries foreign to the United States, or to such nominees as Taiwan Semiconductor Manufacturing Co., Ltd. may designate.

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We agree that, when requested, we shall, without charge to Taiwan Semiconductor Manufacturing Co., Ltd. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

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Dated: 1/16/06

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