

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yung-Lung Lin</td> <td>11/30/2006</td> </tr> <tr> <td>Jui-Jen Wu</td> <td>11/21/2006</td> </tr> <tr> <td>Shine Chung</td> <td>03/01/2007</td> </tr> <tr> <td>Fu-Lung Hsueh</td> <td>03/01/2007</td> </tr> </tbody> </table>		Name	Execution Date	Yung-Lung Lin	11/30/2006	Jui-Jen Wu	11/21/2006	Shine Chung	03/01/2007	Fu-Lung Hsueh	03/01/2007
Name	Execution Date										
Yung-Lung Lin	11/30/2006										
Jui-Jen Wu	11/21/2006										
Shine Chung	03/01/2007										
Fu-Lung Hsueh	03/01/2007										
RECEIVING PARTY DATA											
Name:	Taiwan Semiconductor Manufacturing Co., Ltd.										
Street Address:	No. 8, Li-Hsin Road 6, Science-Based Industrial Park										
City:	Hsin-Chu										
State/Country:	TAIWAN										
Postal Code:	300-77										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13492635</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13492635						
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Application Number:	13492635										
CORRESPONDENCE DATA											
Fax Number:	(415)882-8220										
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ATTORNEY DOCKET NUMBER:	TSMC2006-0340 CON										
NAME OF SUBMITTER:	Jong Ho Lee										
Total Attachments: 3 source=TSMC2006_0340_CON_Assignment#page1.tif source=TSMC2006_0340_CON_Assignment#page2.tif source=TSMC2006_0340_CON_Assignment#page3.tif											

CH \$40.00 13492635

Express Mail Label No.: EV 902467104 US

Patent Attorney Docket No.: TSMC2006-0340
Attorney Reference No.: 52604-00206**ASSIGNMENT AND AGREEMENT**

For value received, I/we **Yung-Lung Lin, Jui-Jen Wu, Shine Chung and Fu-Lung Hsueh**, 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 **MULTI-LEVEL ELECTRICAL FUSE USING ONE PROGRAMMABLE DEVICE** described in an application for Letters Patent of the United States filed on March 2, 2006 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 that may be granted in the United States for said inventions; and I/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.

I/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 me/us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I/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.

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Attorney Reference No.: 52604-00206

I/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.

I/We agree that, when requested, I/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.

Inventor No. 1:

Dated:

11/20/2006

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11/21/2006

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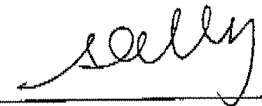
Citizenship: Taiwan

Express Mail Label No.: EV 902467104 US

Patent Attorney Docket No.: TSMC2006-0340
Attorney Reference No.: 52604-00206

Inventor No. 3:

Dated: 3/11/07



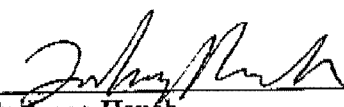
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Citizenship: Taiwan

Inventor No. 4:

Dated: 3/1/07



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