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Jui-Jen Wu
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: **Taiwan Semiconductor Manufacturing Co., Ltd.**
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: No. 8, Li-Hsin Road 6
Science Based Industrial Park

Execution Date: September 28, 2006

City: Hsin-Chu State: Taiwan Zip: 300-77
Additional name(s) & address(es) attached?
 Yes No

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)

B. Patent No.(s)

11/529,882

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Howard Chen, Esq.
Internal Address: _____

6. Total number of applications and patents involved: 1

Street Address: Preston Gates & Ellis LLP

55 Second Street, Suite 1700

City: San Francisco State: CA Zip: 94105

7. Total fee (37 CFR 3.41)\$ 40.00

Enclosed

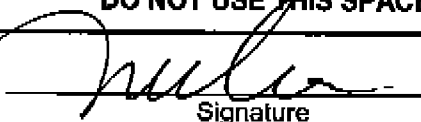
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PATENT ATTY DOCKET NO.: TSMC2006-0057
Attorney Reference: 52604-00185

ASSIGNMENT AND AGREEMENT

For value received, I/we **Jui-Jen Wu** 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 **POWER CONTROL CIRCUIT** described in a provisional application for Letters Patent of the United States filed as **Serial No. 11/529,882** on **September 30, 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.

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.

Patent Attorney Docket No.: TSMC2006-0057
Attorney Reference No.: S2604-00185

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: 9/28/2006

Jui-Jen Wu

TSMC

Jui-Jen Wu

Mailing and Residence: 9, Creatron Rd 1, Hsinchu Science Park, Hsinchu

CITIZENSHIP: Taiwan, Taiwan 300-97, R.O.C

Preston|Gates|Ellis LLP**FAX COVER SHEET**

TO: **USPTO Assignment Branch** FAX NO: **571-273-0140**
 COMPANY: **U.S. PATENT & TRADEMARK OFFICE** CONFIRMATION NO: **571-272-3350**

OFFICIAL FACSIMILE COMMUNICATION

FROM: **Howard Chen, Esq.** CLIENT-MATTER NO: **52604-00185**
 DATE: **November 9, 2006** TOTAL NUMBER OF PAGES INCLUDING THIS COVER SHEET: **4**

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Please reference the charge to the deposit account with number 52604-00185.

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