

PATENT ASSIGNMENT

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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>Chun-Yu LIN</td> <td>01/03/2011</td> </tr> <tr> <td>Li-Wei CHU</td> <td>01/03/2011</td> </tr> <tr> <td>Ming-Dou KER</td> <td>01/03/2011</td> </tr> <tr> <td>Ming-Hsien TSAI</td> <td>01/03/2011</td> </tr> <tr> <td>Ping-Fang HUNG</td> <td>01/07/2011</td> </tr> <tr> <td>Ming-Hsiang SONG</td> <td>01/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chun-Yu LIN	01/03/2011	Li-Wei CHU	01/03/2011	Ming-Dou KER	01/03/2011	Ming-Hsien TSAI	01/03/2011	Ping-Fang HUNG	01/07/2011	Ming-Hsiang SONG	01/11/2011
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Ming-Hsiang SONG	01/11/2011														
RECEIVING PARTY DATA															
Name:	Taiwan Semiconductor Manufacturing Co., Ltd.														
Street Address:	No. 8, Li-Hsin Road 6														
Internal Address:	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>12982004</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12982004										
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Application Number:	12982004														
CORRESPONDENCE DATA															
Fax Number:	(215)689-4905														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	N1085-00734														

CH \$40.00 12982004

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**PATENT
 REEL: 025821 FRAME: 0261**

NAME OF SUBMITTER:

Minh N. Nguyen

Total Attachments: 3

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ATTORNEY DOCKET NO.: 2010.0939/1085.734

ASSIGNMENT AND AGREEMENT

For value received, I, **Chun-Yu LIN, Li-Wei CHU, Ming-Dou KER, Ming Hsien Tsai, Ping-Fang HUNG and Ming-Hsiang SONG**, hereby 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 **ELECTROSTATIC DISCHARGE CIRCUIT FOR RADIO FREQUENCY TRANSMITTERS** described in non-provisional 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.

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

I 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.

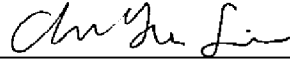
I request that any and all patents for said inventions be issued to Taiwan Semiconductor Manufacturing Co., Ltd. in the United States and in all countries foreign to the United States, or to such nominees as Taiwan Semiconductor Manufacturing Co., Ltd. may designate.

ATTORNEY DOCKET NO.: 2010.0939/1085.734

I agree that, when requested, I 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: Jan. 3, 2011

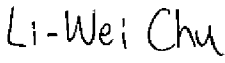

Chun-Yu LIN

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Inventor No. 2

Dated: Jan. 3, 2011

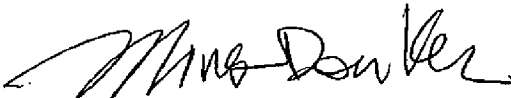

Li-Wei CHU

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Inventor No. 3

Dated: Jan. 3, 2011

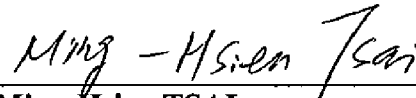

Ming-Dou KER

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Inventor No. 4

Dated: Jan. 3, 2011


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Residence:

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Inventor No. 5

Dated: Jan. 7, 2011

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Ping-Fang HUNG

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Inventor No. 6

Dated: Jan/11/2011

Song, Ming-Hsiang
Ming-Hsiang SONG

Residence:

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