

## PATENT ASSIGNMENT

Electronic Version v1.1

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>Wen-Han Hung</td><td>07/08/2009</td></tr><tr><td>Tsai-Fu Chen</td><td>07/08/2009</td></tr><tr><td>Shyh-Fann Ting</td><td>07/08/2009</td></tr><tr><td>Cheng-Tung Huang</td><td>07/08/2009</td></tr><tr><td>Kun-Hsien Lee</td><td>07/08/2009</td></tr><tr><td>Ta-Kang Lo</td><td>07/08/2009</td></tr><tr><td>Tzyy-Ming Cheng</td><td>07/08/2009</td></tr></tbody></table>	Name	Execution Date	Wen-Han Hung	07/08/2009	Tsai-Fu Chen	07/08/2009	Shyh-Fann Ting	07/08/2009	Cheng-Tung Huang	07/08/2009	Kun-Hsien Lee	07/08/2009	Ta-Kang Lo	07/08/2009	Tzyy-Ming Cheng	07/08/2009	
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RECEIVING PARTY DATA																	
Name:	UNITED MICROELECTRONICS CORP.																
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park																
City:	Hsin-Chu City																
State/Country:	TAIWAN																
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>12502239</td></tr></tbody></table>	Property Type	Number	Application Number:	12502239													
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Application Number:	12502239																
CORRESPONDENCE DATA																	
Fax Number: (703)997-4517																	
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NAME OF SUBMITTER:	WINSTON HSU																

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PATENT  
REEL: 022948 FRAME: 0835

Total Attachments: 8

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**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

**ASSIGNOR(S) (Inventors):**

Name: Wen-Han Hung Nationality: TWN

Name: Tsai-Fu Chen Nationality: TWN

Name: Shyh-Fann Ting Nationality: TWN

Name: Cheng-Tung Huang Nationality: TWN

Name: Kun-Hsien Lee Nationality: TWN

Name: Ta-Kang Lo Nationality: TWN

Name: Tzyy-Ming Cheng Nationality: TWN

Hereby sells, assigns and transfers to

**ASSIGNEE(S):**

Name: UNITED MICROELECTRONICS CORP.

Address: No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan, R.O.C.

and the successors and assignees of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:

**"METHOD OF FABRICATING TRANSISTORS AND A TRANSISTOR STRUCTURE FOR IMPROVING SHORT CHANNEL EFFECT AND DRAIN INDUCED BARRIER LOWERING"**

Which is found in :

- (a) + U.S. patent application executed on even date
- (b) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_
- (c) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_
- (d) \_\_\_\_\_ patent no. \_\_\_\_\_ issued \_\_\_\_\_

PATENT

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 2008 Jul. 08 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Wen-Han Hung

Wen-Han Hung

Tsai-Fu Chen

Tsai-Fu Chen

Shyh-Fann Ting

Cheng-Tung Huang

Cheng Tung Huang

Kun-Hsien Lee

Kun Hsien Lee

Ta-Kang Lo

Ta-Kang - Lo

Tzyy-Ming Cheng

T.M. Cheng

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NPO#NAU-P1080-USA:0  
CUST#UMCD-2008-0368

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F#NPO-P0002E-US1  
DSB0-098U017266

**PATENT**  
**REEL: 022948 FRAME: 0840**

**ASSIGNMENT OF INVENTION**

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**ASSIGNOR(S) (Inventors):**

Name: Wen-Han Hung Nationality: TWN

Name: Tsai-Fu Chen Nationality: TWN

Name: Shyh-Fann Ting Nationality: TWN

Name: Cheng-Tung Huang Nationality: TWN

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PATENT

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IN WITNESS WHEREOF, We have hereunto set hand and seal this 27. Jul. 08 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Wen-Han Hung

Tsai-Fu Chen

Shyh-Fann Ting

Cheng-Tung Huang

Kun-Hsien Lee

Ta-Kang Lo

Tzyy-Ming Cheng

*Shyh - Fann Ting*

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**RECORDED: 07/14/2009**

**REEL: 022948 FRAME: 0844**