

## 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>Kuang-Hung Huang</td><td>10/17/2011</td></tr><tr><td>Po-Jui Liao</td><td>10/17/2011</td></tr><tr><td>Yao-Chang Wang</td><td>10/17/2011</td></tr><tr><td>Chi-Sheng Tseng</td><td>10/17/2011</td></tr><tr><td>Jie-Ning Yang</td><td>10/17/2011</td></tr></tbody></table>	Name	Execution Date	Kuang-Hung Huang	10/17/2011	Po-Jui Liao	10/17/2011	Yao-Chang Wang	10/17/2011	Chi-Sheng Tseng	10/17/2011	Jie-Ning Yang	10/17/2011	
Name	Execution Date												
Kuang-Hung Huang	10/17/2011												
Po-Jui Liao	10/17/2011												
Yao-Chang Wang	10/17/2011												
Chi-Sheng Tseng	10/17/2011												
Jie-Ning Yang	10/17/2011												
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>13279355</td></tr></tbody></table>	Property Type	Number	Application Number:	13279355									
Property Type	Number												
Application Number:	13279355												
CORRESPONDENCE DATA													
Fax Number:	(703)997-4517												
Phone:	3027291562												
Email:	Patent.admin.uspto.cr@naipo.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	WINSTON HSU												
Address Line 1:	P.O.BOX 506												
Address Line 4:	Merrifield, VIRGINIA 22116												
ATTORNEY DOCKET NUMBER:	NAUP1396USA												
NAME OF SUBMITTER:	JANINE CHANG												
Total Attachments: 3 source=1229183#page1.tif source=1229183#page2.tif source=1229183#page3.tif													

CH \$40.00 13279355

501699491

PATENT  
REEL: 027104 FRAME: 0001

**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: Kuang-Hung Huang Nationality: TW

Name: Po-Jui Liao Nationality: TW

Name: Yao-Chang Wang Nationality: TW

Name: Chi-Sheng Tseng Nationality: TW

Name: Jie-Ning Yang Nationality: TW

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.

PATENT

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:

"METAL GATE PROCESS"

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 \_\_\_\_\_
- (e) \_\_\_\_\_ International application no. \_\_\_\_\_

## 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 OCT 17 2011 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Kuang-Hung Huang

Kuang-Hung Huang

Po-Jui Liao

Po-Jui Liao

Yao-Chang Wang

Yao-Chang Wang

Chi-Sheng Tseng

Chi-Sheng Tseng

Jie-Ning Yang

Jie-Ning Yang