502646812 01/23/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2693420

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ssu-I Fu	12/13/2011
Wen-Tai Chiang	12/13/2011
Ying-Tsung Chen	12/13/2011
Shih-Hung Tsai	12/13/2011
Chien-Ting Lin	12/13/2011
Chi-Mao Hsu	12/13/2011
Chin-Fu Lin	12/13/2011

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

Property Type	Number
Application Number:	14140546

CORRESPONDENCE DATA

Fax Number: (703)997-4517 **Phone**: 3027291562

Email: Patent.admin.uspto.cr@naipo.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: WINSTON HSU
Address Line 1: P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	NAUP1414USA1
NAME OF SUBMITTER:	KATE YEH PATENT

502646812 REEL: 032024 FRAME: 0510

Signature:	/KATE YEH/
Date:	01/23/2014
Total Attachments: 3 source=1860481#page1.tif source=1860481#page2.tif source=1860481#page3.tif	

PATENT REEL: 032024 FRAME: 0511

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:	Ssu-I Fu	Nationality:	TW
Name:	Wen-Tai Chiang	Nationality:	TW
Name:	Ying-Tsung Chen	Nationality:	TW
Name:	Shih-Hung Tsai	Nationality:	TW
Name:	Chien-Ting Lin	Nationality:	TW
Name:	Chi-Mao Hsu	Nationality:	TW
Name:	Chin-Fu Lin	Nationality:	TW
Hereby sells, assigns and transfers to			
ASSIGNEE(S):		
Name:	Name: UNITED MICROELECTRONICS CORP. Address: No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan, R.O.C.		
Address:			Chu City 300, Taiwan,
and the succes	ssors and assignees of the ASSIGNEE the e	entire right, title, a	and interest in and to

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

"MANUFACTURING METHOD FOR SEMICONDUCTOR DEVICE HAVING METAL GATE"

Assignment, Page 1 of 3

F#NPO-P0002E-US1 DSC0-100U014116

NPO#NAU-P1414-USA:0 CUST#UMCD-2011-0328

PATENT REEL: 032024 FRAME: 0512

Which is found in:			
(a) _	+	U.S. patent application executed or	n even date
(b)_		U.S. patent application executed or	n
(c)_	·····	U.S. application serial no	
(d)_	Santa	patent no.	issued
(e)_		International application no.	

Assignment, Page 2 of }

F#NPO-P0002E-US1 DSC0-100U014116

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 DEC 1 3 2011 (Date of Signing)。(铸於明人務必簽署上列日期。)。

(Type name of inventor)	Signature of INVENTOR
Ssu-1 Fu	
Wen-Tai Chiang	Wester Chi
Ying-Tsung Chen	Ving-Tsung Vchen
Shih-Hung Tsai	Stigh - Hung Tsai
Chien-Ting Lin	Chien-Trap LTh
Chi-Mao Hsu	Chi-Mao Hsu
Chin-Pu Lin	chin-Fa Lan

Assignment, Page

NPO#NAU-P1414-USA:0 CUST#UMCD-2011-0328

RECORDED: 01/23/2014

F#NPO-P0002E-US1 DSC0-100U014116

PATENT

REEL: 032024 FRAME: 0514