

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>Chih-Kai Kang</td><td>12/27/2011</td></tr> <tr><td>Sheng-Yuan Hsueh</td><td>12/27/2011</td></tr> <tr><td>Shu-Hsuan Chih</td><td>12/27/2011</td></tr> <tr><td>Po-Kuang Hsieh</td><td>12/27/2011</td></tr> <tr><td>Chia-Chen Sun</td><td>12/27/2011</td></tr> <tr><td>Po-Cheng Huang</td><td>12/27/2011</td></tr> <tr><td>Shih-Chieh Hsu</td><td>12/27/2011</td></tr> <tr><td>Chi-Hom Pai</td><td>12/27/2011</td></tr> <tr><td>Yao-Chang Wang</td><td>12/27/2011</td></tr> <tr><td>Jie-Ning Yang</td><td>12/27/2011</td></tr> <tr><td>Chi-Sheng Tseng</td><td>12/27/2011</td></tr> <tr><td>Po-Jui Liao</td><td>12/27/2011</td></tr> <tr><td>Kuang-Hung Huang</td><td>12/27/2011</td></tr> <tr><td>Shih-Chang Chang</td><td>12/27/2011</td></tr> </tbody> </table>		Name	Execution Date	Chih-Kai Kang	12/27/2011	Sheng-Yuan Hsueh	12/27/2011	Shu-Hsuan Chih	12/27/2011	Po-Kuang Hsieh	12/27/2011	Chia-Chen Sun	12/27/2011	Po-Cheng Huang	12/27/2011	Shih-Chieh Hsu	12/27/2011	Chi-Hom Pai	12/27/2011	Yao-Chang Wang	12/27/2011	Jie-Ning Yang	12/27/2011	Chi-Sheng Tseng	12/27/2011	Po-Jui Liao	12/27/2011	Kuang-Hung Huang	12/27/2011	Shih-Chang Chang	12/27/2011
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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>13342995</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13342995																										
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Application Number:	13342995																														
CORRESPONDENCE DATA																															
Fax Number:	(703)997-4517																														
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NAME OF SUBMITTER:	JANINE CHANG
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Total Attachments: 3 source=1279738#page1.tif source=1279738#page2.tif source=1279738#page3.tif

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: Chih-Kai Kang Nationality: TW

Name: Sheng-Yuan Hsueh Nationality: TW

Name: Shu-Hsuan Chih Nationality: TW

Name: Po-Kuang Hsieh Nationality: TW

Name: Chia-Chen Sun Nationality: TW

Name: Po-Cheng Huang Nationality: TW

Name: Shih-Chieh Hsu Nationality: TW

Name: Chi-Horn Pai Nationality: TW

Name: Yao-Chang Wang Nationality: TW

Name: Jie-Ning Yang Nationality: TW

Name: Chi-Sheng Tseng Nationality: TWName: Po-Jui Liao Nationality: TWName: Kuang-Hung Huang Nationality: TWName: Shih-Chang Chang 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.

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:

"RESISTOR AND FABRICATION METHOD THEREOF"

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 DEC 27 2011 (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Chih-Kai Kang

Chih-kai kang

Sheng-Yuan Hsueh

Sheng-Yuan Hsueh

Shu-Hsuan Chih

Shu-Hsuan Chih

Po-Kuang Hsieh

Po-kuang Hsieh

Chia-Chen Sun

chia-chen Sun

Po-Cheng Huang

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