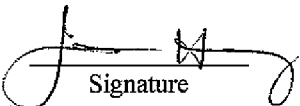


Docket No.: JCLA32128

Form 1595 (Rev. 09/04)		RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office																							
<u>PATENTS ONLY</u>																											
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.																											
1. Name of conveying party(ies): <table border="0"> <tr> <td>Names(s)</td> <td>Date of Execution</td> </tr> <tr> <td>Su, Tzung-I,</td> <td>December 24, 2009</td> </tr> <tr> <td>Wang, Ming-I,</td> <td>December 24, 2009</td> </tr> <tr> <td>Lan, Bang-Chiang,</td> <td>December 24, 2009</td> </tr> <tr> <td>Liao, Te-Kan,</td> <td>December 24, 2009</td> </tr> <tr> <td>Su, Chao-An,</td> <td>December 24, 2009</td> </tr> <tr> <td>Huang, Chien-Hsin,</td> <td>December 24, 2009</td> </tr> <tr> <td>Wu, Hui-Min,</td> <td>December 24, 2009</td> </tr> <tr> <td>Tan, Tzung-Han,</td> <td>December 24, 2009</td> </tr> <tr> <td>Chen, Min,</td> <td>December 24, 2009</td> </tr> <tr> <td>Lin, Meng-Jia,</td> <td>December 24, 2009</td> </tr> </table>			Names(s)	Date of Execution	Su, Tzung-I,	December 24, 2009	Wang, Ming-I,	December 24, 2009	Lan, Bang-Chiang,	December 24, 2009	Liao, Te-Kan,	December 24, 2009	Su, Chao-An,	December 24, 2009	Huang, Chien-Hsin,	December 24, 2009	Wu, Hui-Min,	December 24, 2009	Tan, Tzung-Han,	December 24, 2009	Chen, Min,	December 24, 2009	Lin, Meng-Jia,	December 24, 2009	2. Name/address of receiving Party(ies): United Microelectronics Corp. No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.		
Names(s)	Date of Execution																										
Su, Tzung-I,	December 24, 2009																										
Wang, Ming-I,	December 24, 2009																										
Lan, Bang-Chiang,	December 24, 2009																										
Liao, Te-Kan,	December 24, 2009																										
Su, Chao-An,	December 24, 2009																										
Huang, Chien-Hsin,	December 24, 2009																										
Wu, Hui-Min,	December 24, 2009																										
Tan, Tzung-Han,	December 24, 2009																										
Chen, Min,	December 24, 2009																										
Lin, Meng-Jia,	December 24, 2009																										
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment			Add'l name(s)/address(es) of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																								
4. Application number(s) or patent number(s):																											
A. Patent Application No. (s) <div style="text-align: center;">12/648,861</div> Additional numbers attached?			B. Patent No. (s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																								
5. Name and address of party to whom Correspondence concerning document should be mailed: J. C. Patents 4, Venture Suite 250 Irvine, CA. 92618 Tel: (949) 660-0761 Fax: (949) 660-0809 E-mail: jcpi@msn.com			6. Total No. of applications and patents involved: <div style="text-align: center;">ONE(1)</div>																								
			7. Total fee (37 CFR §3.41): \$40.00 <input type="checkbox"/> Authorized to be charge by credit card <input checked="" type="checkbox"/> Authorized to be charge to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)																								
			8. Payment Information a. Credit Card Last Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-0710</u> Authorized User Name <u>Jiawei Huang</u>																								
Atty Docket No.: JCLA32128																											
9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.																											
<u>Jiawei Huang</u> Name of Person Signing Registration No. 43,330		 Signature		<u>12-29-2009</u> Date																							
				Total number of pages including cover sheet, attachments, and documents: 4																							

CH \$40.00 500710 12648861

UMCD-2009-0163
32128-US-PA

ASSIGNMENT

WHEREAS,

- | | |
|--------------------|---------------------|
| 1. Tzung-I Su | 2. Ming-I Wang |
| 3. Bang-Chiang Lan | 4. Te-Kan Liao |
| 5. Chao-An Su | 6. Chien-Hsin Huang |
| 7. Hui-Min Wu | 8. Tzung-Han Tan |
| 9. Min Chen | 10. Meng-Jia Lin |

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **OPTOELECTRONIC DEVICE AND METHOD OF FORMING THE SAME**

[] Filed: Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, United Microelectronics Corp.
of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

UMCD-2009-0163
32128-US-PA

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Tzung-I Su

Date: DEC 24 2009

Sole or First Joint Inventor: Tzung-I Su

Signature: Wang, Ming-I

Date: DEC 24 2009

Second Joint Inventor (if any): Ming-I Wang

Signature: Bang-Chiang Lan

Date: DEC 24 2009

Third Joint Inventor (if any): Bang-Chiang Lan

Signature: Te-Kan Liao

Date: DEC 24 2009

Fourth Joint Inventor (if any): Te-Kan Liao

Signature: Chao An Su

Date: DEC 24 2009

Fifth Joint Inventor (if any): Chao-An Su

Signature: Chien-Hsin Huang

Date: DEC 24 2009

Sixth Joint Inventor (if any): Chien-Hsin Huang

Signature: Hui-Min Wu

Date: DEC 24 2009

Seventh Joint Inventor (if any): Hui-Min Wu

UMCD-2009-0163
32128-US-PA

ASSIGNMENT

WHEREAS,

- | | |
|--------------------|---------------------|
| 1. Tzung-I Su | 2. Ming-I Wang |
| 3. Bang-Chiang Lan | 4. Te-Kan Liao |
| 5. Chao-An Su | 6. Chien-Hsin Huang |
| 7. Hui-Min Wu | 8. Tzung-Han Tan |
| 9. Min Chen | 10. Meng-Jia Lin |

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **OPTOELECTRONIC DEVICE AND METHOD OF FORMING THE SAME**

☐ Filed: Serial No.

☒ Executed concurrently with the execution of this instrument

WHEREAS, United Microelectronics Corp.
of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

UMCD-2009-0163
32128-US-PA

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Tzung-Han Tan Date: DEC 24 2009
Eighth Joint Inventor (if any): Tzung-Han Tan

Signature: Min Chen Date: DEC 24 2009
Ninth Joint Inventor (if any): Min Chen

Signature: Meng-Jia Lin Date: DEC 24 2009
Tenth Joint Inventor (if any): Meng-Jia Lin