

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
|--|---|---------------|----------------|----------------------------|------------|---------------|------------|----------------|------------|---------------|------------|-----------------|------------|---------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>CONVEYING PARTY DATA</b>  |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tsen-Wei Chang</td> <td>04/02/2010</td> </tr> <tr> <td>Wing-Kai Tang</td> <td>04/02/2010</td> </tr> <tr> <td>Ching-Chun Lin</td> <td>04/02/2010</td> </tr> <tr> <td>Ching-Ho Hung</td> <td>04/02/2010</td> </tr> <tr> <td>Hsien-Lung Chen</td> <td>04/07/2010</td> </tr> <tr> <td>Jiun-Jie Tsai</td> <td>04/07/2010</td> </tr> </tbody> </table> |   | Name          | Execution Date | Tsen-Wei Chang             | 04/02/2010 | Wing-Kai Tang | 04/02/2010 | Ching-Chun Lin | 04/02/2010 | Ching-Ho Hung | 04/02/2010 | Hsien-Lung Chen | 04/07/2010 | Jiun-Jie Tsai | 04/07/2010 |
| Name   | Execution Date  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Tsen-Wei Chang   | 04/02/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Wing-Kai Tang  | 04/02/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Ching-Chun Lin   | 04/02/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Ching-Ho Hung  | 04/02/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Hsien-Lung Chen  | 04/07/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| Jiun-Jie Tsai  | 04/07/2010  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>RECEIVING PARTY DATA</b>  |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Name:</b>   | Novatek Microelectronics Corp.                                |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Street Address:</b>   | 2F, No. 13, Innovation Road I, Science-Based Industrial Park, |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>City:</b>   | Hsinchu   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>State/Country:</b>  | TAIWAN  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>13069416</td> </tr> </tbody> </table>   |   | Property Type | Number         | <b>Application Number:</b> | 13069416   |               |            |                |            |               |            |                 |            |               |            |
| Property Type  | Number  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Application Number:</b>   | 13069416  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>CORRESPONDENCE DATA</b>   |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Fax Number:</b>   | (949)660-0809   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Email:</b>  | usa@jcipgroup.com.tw  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Correspondent Name:</b>   | JIANQ CHYUN INTELLECTUAL PROPERTY                             |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
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| <b>Address Line 4:</b>   | TAIPEI, TAIWAN 100  |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 33003-US-PA   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>NAME OF SUBMITTER:</b>  | Belinda Lee   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |
| <b>Total Attachments: 2</b><br>source=33003ASSIGN#page1.tif<br>source=33003ASSIGN#page2.tif  |   |               |                |                            |            |               |            |                |            |               |            |                 |            |               |            |

**CH \$40.00 13069416**

NVT-2009-107  
33003-US-PA

### ASSIGNMENT

WHEREAS,

- |                     |                   |
|---------------------|-------------------|
| 1. Chang, Tsen-Wei  | 2. Tang, Wing-Kai |
| 3. Lin, Ching-Chun  | 4. Hung, Ching-Ho |
| 5. Chen, Hsien-Lung | 6. Tsai, Jiun-Jie |

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: **TOUCH SENSING SYSTEM, ELECTRONIC TOUCH APPARATUS, AND TOUCH SENSING METHOD**

Filed: Serial No.

Executed concurrently with the execution of this instrument

WHEREAS, Novatek Microelectronics Corp.

of 2F, No. 13, Innovation Road I, 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.

NVT-2009-107  
33003-US-PA

### ASSIGNMENT CONTINUED

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

Signature: Chang, Tsen-Wei  
Sole or First Joint Inventor: Chang, Tsen-Wei

Date: 2010.4.2

Signature: Tang, Wing-Kai  
Second Joint Inventor (if any): Tang, Wing-Kai

Date: 2010.4.2

Signature: Lin, Ching-Chun  
Third Joint Inventor (if any): Lin, Ching-Chun

Date: 2010.4.2

Signature: Hung, Ching-Ho  
Fourth Joint Inventor (if any): Hung, Ching-Ho

Date: Apr. 2, 2010

Signature: Chen, Hsien-Lung  
Fifth Joint Inventor (if any): Chen, Hsien-Lung

Date: 2010/4/17

Signature: Tsai, Jiun-Jie  
Sixth Joint Inventor (if any): Tsai, Jiun-Jie

Date: 2010, 04, 07