

## 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>Yu-Shu Liu</td> <td>06/01/2012</td> </tr> <tr> <td>Chun-Wei Chen</td> <td>06/01/2012</td> </tr> <tr> <td>Jiande Jiang</td> <td>06/01/2012</td> </tr> <tr> <td>Tsui-Chin Chen</td> <td>06/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yu-Shu Liu	06/01/2012	Chun-Wei Chen	06/01/2012	Jiande Jiang	06/01/2012	Tsui-Chin Chen	06/01/2012
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<table border="1"> <tr> <td>Name:</td> <td>Novatek Microelectronics Corp.</td> </tr> <tr> <td>Street Address:</td> <td>2F, No. 13, Innovation Road I, Science-Based Industrial Park,</td> </tr> <tr> <td>City:</td> <td>Hsinchu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	Novatek Microelectronics Corp.	Street Address:	2F, No. 13, Innovation Road I, Science-Based Industrial Park,	City:	Hsinchu	State/Country:	TAIWAN		
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CORRESPONDENCE DATA											
<p>Fax Number: (510)580-7280</p> <p>Email: usa@jcipgroup.com.tw</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Jianq Chyun Intellectual Property Office</p> <p>Address Line 1: 7F.-1, NO. 100, ROOSEVELT RD., SEC. 2,</p> <p>Address Line 4: Taipei, TAIWAN 100</p>											
ATTORNEY DOCKET NUMBER:	38038-US-PA										
NAME OF SUBMITTER:	Belinda Lee										
<p>Total Attachments: 2</p> <p>source=38038_assgn#page1.tif</p> <p>source=38038_assgn#page2.tif</p>											

CH \$40.00 13490476

## ASSIGNMENT

WHEREAS,

- |                  |                   |
|------------------|-------------------|
| 1. Yu-Shu Liu    | 2. Chun-Wei Chen  |
| 3. Jian-De Jiang | 4. Tsui-Chin Chen |

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: **METHOD AND CIRCUIT FOR DETECTING EDGE OF FIXED PATTERN**

☐ 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-2011-035  
38038-US-PA

## ASSIGNMENT CONTINUED

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

Signature: Yu-Shu Liu Date: JUN. 1, 2012  
Sole or First Joint Inventor: Yu-Shu Liu

Signature: Chun Wei Chen Date: JUN. 1, 2012  
Second Joint Inventor (if any): Chun-Wei Chen

Signature: [Signature] Date: JUN. 1, 2012  
Third Joint Inventor (if any): Jlande Jiang

Signature: Tsui-Chin Chen Date: JUN. 1, 2012  
Fourth Joint Inventor (if any): Tsui-Chin Chen