

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Chang-Tien Tsai		05/16/2007
Cheng-Chung Shih		05/16/2007
Shih-Pin Hsu		05/16/2007
RECEIVING PARTY DATA		
Name:	Novatek Microelectronics Corp.	
Street Address:	2F, No. 13, Innovation Road I, Science-Based Industrial Park,	
City:	Hsinchu	
State/Country:	TAIWAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11752304	
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ATTORNEY DOCKET NUMBER:	21028-US-PA	
NAME OF SUBMITTER:	Belinda Lee	
Total Attachments: 2		
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PATENT  
REEL: 019371 FRAME: 0938

NVT-2006-047  
21028-LIS-PA

## ASSIGNMENT

### WHEREAS

1. Chang-Tien Tsai
2. Cheng-Chung Shih
3. Shih-Pin Hsu

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: **SIGNAL GENERATING AND SWITCHING APPARATUS AND METHOD THEREOF**

☐ 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.

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21028-US-PA

## ASSIGNMENT CONTINUED

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

Signature: Chang-Tien Tsai Date: May 16, 2007  
Sole or First Joint Inventor: Chang-Tien Tsai

Signature: Cheng-Chung Shih Date: May 16, 2007  
Second Joint Inventor (if any): Cheng-Chung Shih

Signature: Shih-Pin Hsu Date: May 16, 2007  
Third Joint Inventor (if any): Shih-Pin Hsu