

08-27-2003

Docket No. JCLA10858



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| Form 1595 1-31-92 | | 102537574 RECORDATION FORM COVER SHEET | | U.S. Department of Commerce Patent and Trademark Office | |
| <p>8-15-03 PATENTS ONLY</p> <p>To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.</p> | | | | | |
| 1. Name of conveying party(ies): Yih-Min Tu, Yung-Lung Chen, Yuan-Tung Peng, Fan-Chung Lee | | | 2. Name/address of receiving Party(ies): Novatek Microelectronics Corp. No. 1-2, Innovation Road I, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. | | |
| 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 names of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 4. Date(s) of execution: May 22, 2003. | | | | | |
| 5. Application number(s) or patent number(s): If this documents is being filed together with a new application, the execution date of the application is May 22, 2003. | | | | | |
| A. Patent Application No. (s) 10/643790 Additional numbers attached ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | B. Patent No. (s) | | |
| 6. Name and address of party to whom Correspondence concerning document should be mailed: J.C. Patents, Inc. 4 Venture, Suite 250 Irvine, CA 92618 (949) 660-0761 | | | 7. Total No. of applications and patents involved: ONE(1) | | |
| | | | 8. Total fee (37 CFR §3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge to Acct. No. | | |
| | | | 9. Total number of pages, including Cover sheet, attachments and document 3. | | |
| <p>08/26/2003 EDOOPER 00000052 10643790 01 FC:8021 40.00 DP</p> <p>DO NOT USE THIS SPACE</p> | | | | | |
| 10. 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. | | | | | |
| Jiawei Huang Name of Person Signing | | Signature | | 8/15/2003 Date | |

Registration No. 43,330

22151 U.S. PTO
10/643790
08/15/03

ASSIGNMENT

WHEREAS,

- | | |
|-------------------|-------------------|
| 1. Yih-Min Tu | 2. Yung-Lung Chen |
| 3. Yuan-Tung Peng | 4. Fan-Chung Lee |

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: **VOLTAGE CONTROLLED OSCILLATOR (VCO) SUITABLE FOR USE IN FREQUENCY SHIFT KEYING (FSK) SYSTEM**

☐ Filed: Serial No.

☒ Executed concurrently with the execution of this instrument

WHEREAS, Novatek Microelectronics Corp.
of No. 1-2, 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.

ASSIGNMENT CONTINUED

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

Yih-Min Tu
Signature:

2003/5/22
Date:

Sole or First Joint Inventor: Yih-Min Tu

Yung Lung Chen
Signature:

2003/5/22
Date:

Second Joint Inventor(if any): Yung-Lung Chen

Yuan-Tung Peng
Signature:

2003/5/22
Date:

Third Joint Inventor(if any): Yuan-Tung Peng

Fan-Chung Lee
Signature:

2003/5/22
Date:

Fourth Joint Inventor(if any): Fan-Chung Lee