501788576 01/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-------------------|----------------|--|
| Liu-Yang LIN | 07/01/2008 | |
| Chiang Hsia HUANG | 07/01/2008 | |

RECEIVING PARTY DATA

| Name: | MediaTek Inc. |
|-----------------|--|
| Street Address: | No. 1, Dusing Rd. 1st, Science-Based Industrial Park |
| City: | Hsin-Chu |
| State/Country: | TAIWAN |
| Postal Code: | 300 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13352003 | |

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NAME OF SUBMITTER: Daniel R. McClure

Total Attachments: 2

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PATENT REEL: 027545 FRAME: 0767

ASSIGNMENT

| WHEREAS, | Liu-Yang L | IN and Chiano | ß Hsia HUANG | |
|--|--------------------|---------------------|--------------------------|-------------------------------|
| hereafter referred to as ASS | GNOR, has/have | invented certain ne | w and useful imp | rovements as |
| described and set forth in the | e below identified | application for Uni | ted States Letters | Patent: |
| Title: METHODS FOR INT | LIATING OPERA | TING VOLTAGES | FOR SUBSCRI | BER |
| IDENTITY CARDS AND S | YSTEMS UTILIZ | ZING THE SAME | 08-04-0- | nandannahannannhahannhahanhah |
| Filed: | | Serial No. | | |
| Executed on: July 1, 2008 | | | | |
| | | | | |
| WHEREAS, Medi | aTek Inc. | of No. 1, Dusi | ng Rd. 1 st , | Science- |
| Based Industrial F | ark, Hsin-Cl | nu 300, Taiw | an, R.O.C. | hereinafter |
| referred to as ASSIGNEE, i | s desirous of acqu | iring ASSIGNOR'S | interest in the s | aid 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.

Assigner 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.

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

MTKI-08-029US/0758-A33508US

PATENT REEL: 027545 FRAME: 0768 MTKO1313 2002/07/01 09:25:47

| | LIU-TANG | LIH |
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Liu-Yang LIN

Chiang Hista Huang Chiang Hista HUANG

MTKI-08-029US/0758-A33508US

PATENT REEL: 027545 FRAME: 0769

RECORDED: 01/17/2012