502441799 07/31/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Huajiang Zhang | 07/29/2013 |

RECEIVING PARTY DATA

| Name: | MediaTek Singapore Pte. Ltd. | |
|---|------------------------------|--|
| Street Address: No. 1 Fusionopolis Walk, #03-01 Solaris | | |
| City: | Singapore | |
| State/Country: | SINGAPORE | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13798122 |

CORRESPONDENCE DATA

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| NAME OF SUBMITTER: | SHELLEY KUO |
| Signature: | /SHELLEY KUO/ |
| Date: | 07/31/2013 |

Total Attachments: 2 source=1710293#page1.tif source=1710293#page2.tif

PATENT

REEL: 030918 FRAME: 0423

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

| ASSIGNOR(S) (Inventors): | | | | |
|--------------------------|--|--|--|--|
| Name: | Huajiang Zhang Nationality: CN | | | |
| Hereby sells, a | assigns and transfers to | | | |
| ASSIGNEE(S | b): | | | |
| Name: | MediaTek Singapore Pte. Ltd. | | | |
| Address | No. 1 Fusionopolis Walk, #03-01 Solaris, Singapore 138628, Singapore | | | |
| any and all im | ssors and assignees of the ASSIGNEE the entire right, title, and interest in and to aprovements which are disclosed in the invention entitled: AGE-TO-CURRENT CONVERTER AND VOLTAGE CONTROLLED OSCILLATOR G VOLTAGE-TO-CURRENT CONVERTER" | | | |
| Which is found in: | | | | |
| (a) | U.S. patent application executed on even date | | | |
| (b) | U.S. patent application executed on | | | |
| (c) <u>+</u> | U.S. application serial no. 13/798,122 | | | |
| (d) | patent no issued | | | |
| (e) | International application no. | | | |
| | | | | |

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this JUL 2 9 2013(Date of signing). (精發明人精必發著上列日期。)

(Type name of inventor)

Signature of INVENTOR

Huajiang Zhang

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Assignment, Page 2 of 2

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NPO#MTK-P1549-USA:0 CUST#MSLI-12-003US

RECORDED: 07/31/2013