

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

| 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-Hsin Lin</td><td>03/15/2011</td></tr><tr><td>Hung-Chieh Tsai</td><td>03/15/2011</td></tr><tr><td>Sheng-Jui Huang</td><td>03/23/2011</td></tr></tbody></table> |                                                      | Name          | Execution Date | Yu-Hsin Lin         | 03/15/2011 | Hung-Chieh Tsai | 03/15/2011 | Sheng-Jui Huang | 03/23/2011 |
| Name                                                                                                                                                                                                                                                          | Execution Date                                       |               |                |                     |            |                 |            |                 |            |
| Yu-Hsin Lin                                                                                                                                                                                                                                                   | 03/15/2011                                           |               |                |                     |            |                 |            |                 |            |
| Hung-Chieh Tsai                                                                                                                                                                                                                                               | 03/15/2011                                           |               |                |                     |            |                 |            |                 |            |
| Sheng-Jui Huang                                                                                                                                                                                                                                               | 03/23/2011                                           |               |                |                     |            |                 |            |                 |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                          |                                                      |               |                |                     |            |                 |            |                 |            |
| Name:                                                                                                                                                                                                                                                         | MEDIATEK INC.                                        |               |                |                     |            |                 |            |                 |            |
| Street Address:                                                                                                                                                                                                                                               | No. 1, Dusing Rd. 1st, Science-Based Industrial Park |               |                |                     |            |                 |            |                 |            |
| City:                                                                                                                                                                                                                                                         | Hsin-Chu                                             |               |                |                     |            |                 |            |                 |            |
| State/Country:                                                                                                                                                                                                                                                | TAIWAN                                               |               |                |                     |            |                 |            |                 |            |
| PROPERTY NUMBERS Total: 1                                                                                                                                                                                                                                     |                                                      |               |                |                     |            |                 |            |                 |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13072797</td></tr></tbody></table>                                                                                                  |                                                      | Property Type | Number         | Application Number: | 13072797   |                 |            |                 |            |
| Property Type                                                                                                                                                                                                                                                 | Number                                               |               |                |                     |            |                 |            |                 |            |
| Application Number:                                                                                                                                                                                                                                           | 13072797                                             |               |                |                     |            |                 |            |                 |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                           |                                                      |               |                |                     |            |                 |            |                 |            |
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| Correspondent Name: WINSTON HSU                                                                                                                                                                                                                               |                                                      |               |                |                     |            |                 |            |                 |            |
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| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                       | MTKP1166USA                                          |               |                |                     |            |                 |            |                 |            |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                            | SHELLEY KUO                                          |               |                |                     |            |                 |            |                 |            |
| Total Attachments: 4<br>source=1079066#page1.tif<br>source=1079066#page2.tif<br>source=1079066#page3.tif<br>source=1079066#page4.tif                                                                                                                          |                                                      |               |                |                     |            |                 |            |                 |            |

PATENT

501481070

REEL: 026028 FRAME: 0060

CH \$40.00 13072797

PATENT

Docket No MTKP1166USA

**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: Yu-Hsin Lin Nationality: TWName: Hung-Chieh Tsai Nationality: TWName: Sheng-Jui Huang Nationality: TW

Hereby sells, assigns and transfers to

**ASSIGNEE(S):**Name: MEDIATEK INC.Address: No. 1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 300, Taiwan, R.O.C.

and the successors and assignees of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:

"SIGMA-DELTA MODULATOR WITH SAR ADC AND TRUNCATER HAVING ORDER  
LOWER THAN ORDER OF INTEGRATOR AND RELATED SIGMA-DELTA MODULATION  
METHOD"

Which is found in :

- (a) + U.S. patent application executed on even date  
(b) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_  
(c) \_\_\_\_\_ U.S. application serial no. \_\_\_\_\_  
(d) \_\_\_\_\_ patent no. \_\_\_\_\_ issued \_\_\_\_\_  
(e) \_\_\_\_\_ International application no. \_\_\_\_\_

## PATENT

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 \_\_\_\_\_ (Date of signing). (請發明人務必簽署上列日期。)

(Type name of inventor)

Signature of INVENTOR

Yu-Hsin Lin

Yu-Hsin Lin

2011/3/15

Hung-Chieh Tsai

Hung-Chieh Tsai

2011.3.15

Sheng-Jui Huang

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Docket No MTKP1166USA

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(Type name of inventor)

Signature of INVENTOR

Yu-Hsin Lin

Hung-Chieh Tsai

Sheng-Jui Huang

\_\_\_\_\_  
\_\_\_\_\_  
Sheng Jui Huang