502147417 12/03/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

Property Type	Number
Application Number:	13691860

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MTKP1166USA3
NAME OF SUBMITTER:	SIBYL YU

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PATENT REEL: 029389 FRAME: 0726

502147417

ASSIGNOR(S) (Inventors):

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.

	Name:	Yu-Hsin Lin	_Nationality: <u>TW</u> _	
	Name:	Hung-Chieh Tsai	_Nationality: TW	TO THE PARTY OF TH
	Name:	Sheng-Jui Huang	Nationality: TW	A STANDARD AND AND AND AND AND AND AND AND AND AN
	by sells, a	ssigns and transfers to		
	Name:	MEDIATEK INC.		
		No. 1, Dusing Rd. 1st, Science-Based Industria	ıl Park, Hsin-Chu 300,	Taiwan, R.O.C.
and any	and all imp "SIGMA LOWER	sors and assignees of the ASSIGNEE the entire provements which are disclosed in the invention —DELTA MODULATOR WITH SAR ADC AND TRUNCATION ORDER OF INTEGRATOR AND RELATED SIGMA-DELTA	entitled: CATER <u>HAVINGORDER</u> I <mark>GMA-DELTA MODULAT</mark>	- ION-
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(a)	+	U.S. patent application executed on even date U.S. patent application executed on U.S. application serial no.		
(b)		U.S. patent application executed on		Scott Margo
(c)		U.S. application serial no.		Reg. No. 56,277
(d)		patent no issued		12/3/2012
(e)		International application no.	•	
	D#MTK-P1166 ST#MTKJ-10-	o-uan;u		IPO-P0002E-US1 C0-099U011701

PATENT REEL: 029389 FRAME: 0727

and, in and to, all Letters Patent to be obtained for said in continuations, continuation-in-part, divisions, renewals, s o Letters Patent any reissue or re-examination thereof	PATENT evention by the above application or any substitutes, or extensions thereof, and as
ASSIGNOR hereby covenants that no assignment has been or will be made or entered into which would	nent, sale, agreement or encumbrance conflict with this assignment;
ASSIGNOR further covenants that ASSIGNE promptly with all pertinent facts and documents related Patent and legal equivalents as may be known and account as to the same in any interference, litigation or proceed execute and deliver to ASSIGNEE or its legal represent affidavits required to apply for, obtain, maintain, is invention and said Letters Patent and said equivalent	ting to said invention and said Letters ressible to ASSIGNOR and will testify reding related thereto and will promptly relatives any and all papers, instruments ressue and enforce said application, said

IN WITNESS WHEREOF, We have hereunto set hand and seal this ______ (Date of signing). (体作明人特些世界上列目期。)

desirable to carry out the proposes thereof.

(Type name of inventor)

Signature of INVENTOR

Yu-Hsm Lm Z011/3/15

Hung-Chieh Tsai

Sheng-Jui Huang

Assignment, Page 2 of 2

MTRD5709 2011/00/10 19:40:44

ASSIGNOR(S) (Inventors):

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.

	Name:	Yu-Hsin Lin	_Nationality: _TW	
	Name:	Hung-Chieh Tsai	_Nationality: <u>TW</u>	
	Name:	Sheng-Jui Huang	Nationality: TW	
Here	by sells, a	ssigns and transfers to		
ASS	IGNEE(S) :		
	Name:	MEDIATEK INC.		
	Address:	No. 1, Dusing Rd. 1st, Science-Based Industria	l Park, Hsin-Chu 300), Taiwan, R.O.C.
and any	and all imp "SIGMA" "LOWER"	sors and assignees of the ASSIGNEE the entire provements which are disclosed in the invention —DELTA MODULATOR WITH SAR ADC AND TRUNC THAN ORDER OF INTEGRATOR AND RELATED SI AND RELATED SIGMA-DELTA	entitled: ATER -HAVING-ORDEI GMA-DELTA MODULAT	}
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(c)		U.S. application serial no.		Reg. No. 56,277
(d)]	patent no issued		12/3/2017
(e)	1	International application no.		
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PATENT REEL: 029389 FRAME: 0729

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 MAR 2 3 2011 (Date of signing). (排發明本語及其上列目的)

(Type name of inventor)	Signature of INVENTOR	
Yu-Hsin Lin		
Hung-Chieh Tsai		
Sheng-Jui Huang	Shara To	Janara .

Assignment, Page 2 of 2

NPO#MTK-P1166-USA:0 CUST#MTKI-10-194US F#NPO-P0002E-US1 DSC0-099U011701

PATENT REEL: 029389 FRAME: 0730

RECORDED: 12/03/2012