PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5640340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIH-HSIUNG HUANG	07/24/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16524401

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NAME OF SUBMITTER:	TIM TINGKANG XIA
SIGNATURE:	/Tim Tingkang Xia/
DATE SIGNED:	07/29/2019

Total Attachments: 2

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PATENT 505593539 REEL: 049885 FRAME: 0716

ASSIGNMENT

This assignment agreei	nent is ap	opticable to an inve	ention entitled (Invention Title)	:
ANALOG-TO-DIGITA	AL CONV	VERTER DEVICE	3	
The PATENT RIGHTS	s referred	to in this agreeme	ent are:	
(check one) ⊠a paten	t applicati	ion for this inventi	on, executed by the ASSIGNO	R(S)
concurr	ently with	this assignment.		
U.S. par	ent applic	cation Serial No	,filed	
∭a U.S. ρ	atent app	lication based on I	PCT International Application	
No	***************************************	filed on (date)_	(U.S. patent ap	plication
Serial No	>	, if known).	
□U.S. pat	ent No	, issued		
The PATENT RIGHTS	s also incl	lude all divisions,	reissues, continuations and exte	ensions of
the patents and patent a	pplicatio	ns identified above	è.	
The PATENT RIGHTS	sassigned	l under this agreen	nent are:	
⊠U.S. pate	ant rights	only.		
The ASSIGNOR(S) ret	erred to i	n this agreement is	s (or are) the inventor(s) whose	signatures
appear on page 2 of thi	s Assignn	nent and any Supp	lemental Sheet(s).	
The ASSIGNEE refere	ed to in th	ús agreement is:		
(Name of Assignee) <u>Re</u>	altek Sem	iiconductor Corpo	ration	
(Address) <u>No. 2, Innov</u>	ation Roa	d II, Hsinchu Scie	nce Park, Hsinchu 300, Taiwan	<u>. R.O.C.</u>
The ASSIGNEE is:				
(check one)[[An indiv	dual.			
A Partner				
	ation of	TAIWAN, R.(<u>O.C.</u> (specify state or country)	i ·
(other)				
			id by the ASSIGNEE, and other	· ·
			ledged, hereby assign(s) the fol	lowing
rights to the ASSIGNE				
the full and exclusive r				
the entire right, title and				
the right to sue and reco				
	×.	75	SC 120, or any other applicable	¢
provisions, based on an	v earlier r	aatent annlications	for this invention	

PATENT REEL: 049885 FRAME: 0717 THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: Realtek Semiconductor Corporation INVENTION TITLE: ANALOG-TO-DIGITAL CONVERTER DEVICE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Shih-Hsiung HUANG	Shik-Hsiung Huang	2019/7/24
Name of sole or first inventor	Signature	Date

RECORDED: 07/29/2019

PATENT REEL: 049885 FRAME: 0718