503487373 09/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3533998

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chih-Yu Hsu	06/30/2015
Wen-Tsung Huang	06/30/2015
Shih-Tse Chen	06/30/2015

RECEIVING PARTY DATA

Name:	Realtek Semiconductor Corp.
Street Address:	2 Innovation Rd. II, Science Park
City:	HsinChu
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14859373

CORRESPONDENCE DATA

Fax Number: (703)997-4517

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: WINSTON HSU **Address Line 1:** P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	REAP0850USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	09/21/2015

Total Attachments: 6

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PATENT REEL: 036606 FRAME: 0651

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PATENT REEL: 036606 FRAME: 0652

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:

IMAGE SIGNAL PROCESSING METHOD AND IMAGE SIGNAL PROCESSOR

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed on		, or
☐ PCT international application	number	filed	on	
The above-identified application was	made or authorized to be m	ade by me.		
I believe that I am the original inventapplication.	or or an original joint invento	r of a claimed	invention in t	he
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	l false statement made in this isonment of not more than fiv	s declaration i /e (5) years, o	s punishable r both.	
In consideration of the payment by	Realtek Semiconducto	r Corp.	having a pos	tal address of
2 Innovation Rd. II, Science P	ark, HsinChu 30076, Ta	iwan, R.O.C	; .	
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (ad valuable consideration.	\$ 1.00), the re	ceipt of whic	h is hereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improvemer tion and, in and to, all Letters r any continuations, continua	nts which are on Patent to be tion-in-part, di	disclosed in t obtained for visions, rene	he said wals,
I hereby covenant that no assignment entered into which would conflict with		nbrance has b	een or will be	e made or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will to related thereto and will promptly exe	ntion and said Letters Patent estify as to the same in any in	and legal equiterference, lit	ivalents as m	nay be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said invention and secessary or desirable to carry	said Letters Pa out the propo	atent and said oses thereof.	d (Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this				

Page 1 of 6

F#NPO-P0002E-US1201 DSC0-103<u>U006468</u> **PATENT**

Docket No REAP0850USA

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Chih-Yu Hsu	Date:	JUN 3 O 2015	
Signature:	Chih-Yu Hsu			

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:

IMAGE SIGNAL PROCESSING METHOD AND IMAGE SIGNAL PROCESSOR

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ The attached application, or			
☐ United States application number		filed on ,	or
☐ PCT international application number		filed on	
The above-identified application was	made or authorized to be made	by me.	
I believe that I am the original invent application.	or or an original joint inventor of	a claimed invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impri	I false statement made in this de isonment of not more than five (eclaration is punishable 5) years, or both.	
In consideration of the payment by	Realtek Semiconductor C	orp. having a postal addre	ess of
2 Innovation Rd. II, Science Page 1	ark, HsinChu 30076, Taiwa	ın, R.O.C.	
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	ol of the sum of One Dollar (\$ 1. d valuable consideration.	00), the receipt of which is here	eby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applica- invention by the above application or substitutes, or extensions thereof, an	nd to any and all improvements watton and, in and to, all Letters Pa any continuations, continuation	which are disclosed in the atent to be obtained for said	Ε
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbra n this assignment;	nce has been or will be made o	r
I further covenant that ASSIGNEE wi and documents relating to said inven known and accessible to I and will te related thereto and will promptly exec	tion and said Letters Patent and stify as to the same in any interf	l legal equivalents as may be erence. litigation proceeding	3
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention and said cessary or desirable to carry out	Letters Patent and said	signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including s form. Use this form for <u>each ac</u>	naming the entire	

Page 3 of 6

F#NPO-P0002E-US1201 DSC0-103U006468 PATENT

REEL: 036606 FRAME: 0655

Docket No REAP0850USA

LEGAL NAME OF INVENTOR(ASSIGNOR) Inventor: **Wen-Tsung Huang** Date: JUN 3 0 2015

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:

IMAGE SIGNAL PROCESSING METHOD AND IMAGE SIGNAL PROCESSOR

As the below named inventor, I here This declaration is directed to:	by declare that:		
☑ The attached application, or			
☐ United States application nu	mber	filed on	, or
☐ PCT international application	n number	filed on	
The above-identified application was	made or authorized to be mad	e by me.	***************************************
I believe that I am the original invent application.	or or an original joint inventor of	f a claimed invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this disconment of not more than five (eclaration is punishable (5) years, or both.	
In consideration of the payment by	Realtek Semiconductor (Corp. having a postal a	address of
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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ 1 ad valuable consideration.	.00), the receipt of which is	hereby
I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar	nd to any and all improvements tion and, in and to, all Letters Pa any continuations, continuation	which are disclosed in the atent to be obtained for said n-in-part, divisions, renewals	t s
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbra n this assignment;	ance has been or will be ma	ade or
I further covenant that ASSIGNEE wand documents relating to said invented the land will te related thereto and will promptly exemple.	ition and said Letters Patent and stify as to the same in any inter	d legal equivalents as may liference, litigation proceeding	he
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WINTNESS WHEREOF, I have he	lication, said invention and said cessary or desirable to carry ou	Letters Patent and said at the proposes thereof.	te of signing)
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including s form. Use this form for <u>each a</u>	g naming the entire dditional inventor.	

Page 5 of 6

F#NPO-P0002E-US1201 DSC0-103U006468 PATENT

REEL: 036606 FRAME: 0657

Docket No REAP0850USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Shih-Tse Chen Date: JUN 3 0 2015

Signature: Shih-Tse Chen

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NPO#REA-P0850-USA:0 CUST#103A-036US

RECORDED: 09/21/2015

F#NPO-P0002E-US1201

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REEL: 036606 FRAME: 0658