PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5450093

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHONG-YI QIU	03/01/2019
WEN-TSUNG HUANG	03/01/2019
KAI LIU	03/01/2019

RECEIVING PARTY DATA

Name:	REALTEK SEMICONDUCTOR CORP.
Street Address:	NO.2, INNOVATION ROAD II, HSINCHU SCIENCE PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	300

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16371176

CORRESPONDENCE DATA

Fax Number: (703)574-5876

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

Phone: 703-268-5992

Email: zhuoxu83@gmail.com

LI&CAI INTELLECTUAL PROPERTY(USA) OFFICE **Correspondent Name:**

Address Line 1: 3057 NUTLEY STREET

Address Line 2: **SUITE 818**

Address Line 4: FAIRFAX, VIRGINIA 22031

ATTORNEY DOCKET NUMBER:	106P002043US
NAME OF SUBMITTER:	ZHUO XU
SIGNATURE:	/ZHUO XU/
DATE SIGNED:	04/01/2019

Total Attachments: 3

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> **PATENT** REEL: 048749 FRAME: 0607 505403299

ASSIGNMENT DEED

${\sf Attorney\ docket\ No.} \underline{106P002043} US$

This Assignment agreement is applicable to an invention entitled (invention Title):

METHOD AND ELECTRONIC APPARATUS FOR EXTRACTING FOREGROUND IMAGE

Th	e PATENT RIGHTS referred to in this agreement are:
(Check one)	
	a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment U.S. Patent Application Serial No, filed
The	e PATENT RIGHTS assigned under this agreement are:
(Check One)	
	U.S. Patent rights only
of any U.S. P	worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date atent Application identified above.
I/W	E believe that I/WE am/are the original inventor(s) of a claimed invention in the application.
The	e above-identified Application was made or authorized by me/us.
	E hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC or imprisonment of not more than five (5) years, or both.
The	e ASSIGNOR(S) referred to in this agreement is (or are):
(Fu	Il name of sole or first assignor) ZHONG-YI QIU (FAMILY NAME; QIU)
(Address)111	F2, NO.276, JINHUA RD., EAST DIST., TAICHUNG CITY 401, TAIWAN, R.O.C.
. (Fu	Il name of second joint assignor, if any) WEN-TSUNG HUANG (FAMILY NAME: HUANG)
(Address) NC	D.239, LN. 17, FANG-AN RD., EAST DIST., CHIAYI CITY 600, TAIWAN, R.O.C.
	ull name of third joint assignor, if any) KALLIU (FAMILY NAME: LIU)
	., NO.9, LN. 159, SEC. 1, XINGUANG RD., WENSHAN DIST., TAIPEI CITY 116,
	IWAN, R.O.C.
	Il name of fourth joint assignor, if any)
	Il name of fifth joint assignor, if any)
(Address)	
(Fu	Il name of sixth joint assignor, if any)
	Additional assignors are being named on separately numbered sheets attached hereto.

106P002043US

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(Name of Assignee) REALTEK SEMICONDUCTOR CORP. (Address of Assignee) NO.2, INNOVATION ROAD II, HSINCHU SCIENCE PARK, HSINCHU 300. TAIWAN, R.O.C. The sole or first ASSIGNEE is: (Check One) an individual a partnership a Corporation of TAIWAN, R.O.C. (State or Country) The second ASSIGNEE(S) (if any) referred to in this agreement is (or are): (Name of Assignee) (Address of Assignee) a corporation of (State or Country) The third ASSIGNEE is: (Check One) The third ASSIGNEE is: (Check One) The third ASSIGNEE is: (Check One) Address of Assignee) The third ASSIGNEE is: (Check One) Address of Assignee) The third ASSIGNEE is: (Check One) Address of Assignee) The third ASSIGNEE is: (Check One) Additional assignees are being named on separately numbered sheets attached hereto. The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns: the full and exclusive right to the invention; an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patients and the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.	The sole or first ASSIGNEE(S) referred to in this agreement is (or are):					
TAIWAN, R.O.C. The sole or first ASSIGNEE is: (Check One) an individual a partnership a Corporation of	(Name of Assignee) <u>REA</u>	(Name of Assignee) REALTEK SEMICONDUCTOR CORP.				
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The second ASSIGNEE(S) (if any) referred to in this agreement is (or are): (Name of Assignee)		a partnership				
The second ASSIGNEE(S) (if any) referred to in this agreement is (or are): (Name of Assignee)		a Corporation of	TAIWAN, R.O.C.	(State or Country)		
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the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.	invention, all continuations, c					
	-					
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 Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.	request(s) the Commissioner ASSIGNEE(S) of an equal in	of Patents and Trademarks terest in the entire right, title	to issue all Letters Patent to the	ASSIGNEE(S) as the		

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

I hereby give our Attorney authorization to insert the Serial Number and filing date of the above-referenced Patent Application when known.

ZHONG-YI QIU (FAMILY NAME: QIU)

ZHONG-YT QTU (Signature of sole or first assignor)

March 1, 2019

WEN-TSUNG HUANG (FAMILY NAME: HUANG)

Wer Tary Huary
(Signature of shoond assignor) if any)

KAI LIU (FA

KAI LIU (FA

(Signature of third assignor, if any)

March 1, 2019

(Date)

KAI LIU (FAMILY NAME: LIU)

March 1, 2019

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RECORDED: 04/01/2019

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PATENT REEL: 048749 FRAME: 0610