

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YANG-TING CHOU	05/14/2020
TSUNG-HSUAN LI	05/14/2020
SHIH-TSE CHEN	05/14/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REALTEK SEMICONDUCTOR CORP.
<b>Street Address:</b>	NO.2, INNOVATION ROAD II, HSINCHU SCIENCE PARK,
<b>City:</b>	HSINCHU
<b>State/Country:</b>	TAIWAN
<b>Postal Code:</b>	300
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15931914
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)574-5876
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<b>ATTORNEY DOCKET NUMBER:</b>	107P000984US
<b>NAME OF SUBMITTER:</b>	ZHUO XU
<b>SIGNATURE:</b>	/ZHUO XU/
<b>DATE SIGNED:</b>	05/14/2020
<b>Total Attachments: 2</b>	
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**ASSIGNMENT DEED**

Attorney docket No. 107P000984US

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

**CIRCUITRY FOR IMAGE DEMOSAICING AND ENHANCEMENT AND IMAGE-PROCESSING METHOD**

The 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 \_\_\_\_\_  
☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

The PATENT RIGHTS assigned under this agreement are:

(Check One)

- ☒ U.S. Patent rights only  
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

I/WE believe that I/WE am/are the original inventor(s) of a claimed invention in the application.

The above-identified Application was made or authorized by me/us.

I/WE hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first assignor) YANG-TING CHOU (FAMILY NAME: CHOU)

(Address) NO.21, LN. 189, ZIYOU RD., SHANHUA DIST., TAINAN CITY 741, TAIWAN, R.O.C.

(Full name of second joint assignor) TSUNG-HSUAN LI (FAMILY NAME: LI)

(Address) NO.2, INNOVATION ROAD II, HSINCHU SCIENCE PARK, HSINCHU 300, TAIWAN, R.O.C.

(Full name of third joint assignor) SHIH-TSE CHEN (FAMILY NAME: CHEN)

(Address) NO.2, INNOVATION ROAD II, HSINCHU SCIENCE PARK, HSINCHU 300, TAIWAN, R.O.C.

☐ Additional assignors are being named on separately numbered sheets attached hereto.

The sole or first ASSIGNEE(S) referred to in this agreement is (or are):

(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)

The second ASSIGNEE is: (Check One)

☐ an individual

☐ a partnership

☐ a Corporation of \_\_\_\_\_ (State or Country)

☐ 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, and all continuation, continuation-in-part, divisional, re-issue, and re-examination patents and patent applications relating to the PATENT RIGHTS; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Director 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.

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 enforce proper protection for said invention.

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

YANG-TING CHOU (FAMILY NAME: CHOU)

**YANG-TING CHOU**  
(Signature of sole or first assignor)

**2020-05-14**  
(Date)

TSUNG-HSUAN LI (FAMILY NAME: LI)

**TSUNG-HSUAN LI**  
(Signature of second assignor, if any)

**2020-05-14**  
(Date)

SHIH-TSE CHEN (FAMILY NAME: CHEN)

**SHIH-TSE CHEN**  
(Signature of third assignor, if any)

**2020-05-14**  
(Date)