506424660 12/29/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6471426

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNG-HUI YU	12/28/2020
CHIH-WEA WANG	12/28/2020

RECEIVING PARTY DATA

Name:	REALTEK SEMICONDUCTOR CORPORATION	
Street Address:	NO. 2, INNOVATION RD. II, HSINCHU SCIENCE PARK	
City:	HSINCHU	
State/Country:	TAIWAN	
Postal Code:	30076	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17136236

CORRESPONDENCE DATA

Fax Number:

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: 6172390100

Email: patent@lockelord.com
Correspondent Name: LOCKE LORD LLP
Address Line 1: P.O. BOX 55874

Address Line 4: BOSTON, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	0114973.346US2
NAME OF SUBMITTER:	TIM TINGKANG XIA
SIGNATURE:	/Tim Tingkang Xia/
DATE SIGNED:	12/29/2020

Total Attachments: 2

source=0114973346US2Assignment#page1.tif source=0114973346US2Assignment#page2.tif

PATENT 506424660 REEL: 054762 FRAME: 0819

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)
MEMORY DEVICE AND OPERATION METHOD OF THE SAME
The PATENT RIGHTS referred to in this agreement are:
(check one) \(\sum \) a patent application for this invention, executed by the ASSIGNOR(S)
concurrently with this assignment.
U.S. patent application Serial No, filed
☐a U.S. patent application based on PCT International Application
Nofiled on (date)(U.S. patent application
Serial No, if known).
U.S. patent No, issued
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of
the patents and patent applications identified above.
The PATENT RIGHTS assigned under this agreement are:
☑U.S. patent rights only.
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures
appear on page 2 of this Assignment and any Supplemental Sheet(s).
The ASSIGNEE referred to in this agreement is:
(Name of Assignee) Realtek Semiconductor Corporation
(Address) No. 2, Innovation Rd. II. Hsinchu Science Park, Hsinchu 30076, Taiwan, R.O.C.
The ASSIGNEE is:
(check one) ☐ An individual.
A Partnership.
(other)
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following
rights to the ASSIGNEE, its successors and assigns:
the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable
provisions, based on any earlier patent applications for this invention.

PATENT REEL: 054762 FRAME: 0820 THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: Realtek Semiconductor Corporation

INVENTION TITLE:

MEMORY DEVICE AND OPERATION METHOD OF THE SAME

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.

 Yung-Hui YU
 Yung-Hui Yu
 12/28/2020

 Name of sole or first inventor
 Signature
 Date

 Chih-Wea WANG
 On Was Wang
 12/28/2020

 Name of second inventor, if any
 Signature
 Date

PATENT REEL: 054762 FRAME: 0821

RECORDED: 12/29/2020