

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YING-TAI CHEN	06/25/2014
CHENG-HSIEN LI	06/25/2014
HUNG-CHEN CHU	06/25/2014
JIAN-RU LIN	06/25/2014

RECEIVING PARTY DATA

Name:	REALTEK SEMICONDUCTOR CORPORATION
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:	14316539

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DATE SIGNED:	06/26/2014

Total Attachments: 2

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ASSIGNMENT

WHEREAS, I(we), YUNG-TAI CHEN, CHENG-HSIEN LI, HUNG-CHEN CHU and JIAN-RU LIN, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

SIGNAL TRANSMITTING AND RECEIVING CIRCUIT OF DIGITAL SUBSCRIBER LINE

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent is executed on even date herewith unless at least one of the following is checked:

- United States Design Patent was
- executed on:
- filed on: Serial No.:
- established by PCT International Patent Application No.: filed: designating the United States of America
- issued on _____ as U.S. Patent No.: _____

WHEREAS, **REALTEK SEMICONDUCTOR CORPORATION** whose post office address is No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan (R.O.C.) hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.



Assignor Name YUNG-TAI CHEN	Address 7F.-1, No.99, Jiangong 1st Rd., East Dist., Hsinchu City 300, Taiwan (R.O.C.)
Signature of Assignor <i>Yung-Tai Chen</i>	Date of Signature 6/25/2014
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHENG-HSIEN LI	Address No.10-1, Xinyi St., Xinying Dist., Tainan City 730, Taiwan (R.O.C.)
Signature of Assignor <i>Cheng Hsien Li</i>	Date of Signature 6/25/2014
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name HUNG-CHEN CHU	Address No.10, Fudingjin, Zhuqi Township, Chiayi County 604, Taiwan (R.O.C.)
Signature of Assignor <i>Hung-Chen Chu</i>	Date of Signature 6/25/2014
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name JIAN-RU LIN	Address No.3-2, Taiping Ln., Mingjian Township, Nantou County 551, Taiwan (R.O.C.)
Signature of Assignor <i>Jian-Ru Lin</i>	Date of Signature 6/25/2014
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

