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Atty Ref/Docket No.: 2240.021US1

Patent and Trademark Office

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1. Name of conveying party(ies):

Liang-Wei Huang, Chih-Yung Shih and Shieh-Hsing Kuo

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: December 10, 2008, December 10, 2008, December 10, 2008

2. Name and address of receiving party(ies):

Name: Realtek Semiconductor Corp.

Street Address: No. 2, Innovation Road II, Science-Based Industrial Park

Hsinchu 300 Taiwan R.O.C.

Additional name(s) & address(es) attached? [] Yes [X] No

808121

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 10, 2008, December 10, 2008, December 10, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy B. Clise

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[XX] Authorized to be charged to deposit account 19-0743

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy B. Clise/Reg. No. 40,957

December 19, 2008

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

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ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)
RECEIVER AND GAIN CONTROL METHOD THEREOF

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 _____

a U.S. patent application based on PCT International Application
No. _____, filed 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:

(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. or foreign
patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose
signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) Realtek Semiconductor Corp.

(Address) No. 2, Innovation Rd. II, Hsinchu Science Park, Hsinchu 30076, Taiwan

The ASSIGNEE is:

(check one) An Individual.

A Partnership.

A Corporation of Taiwan (specify state or country)

(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.

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 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 facts known to the ASSIGNOR(S) respecting 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 any and all Letters 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) any attorney and agent who has a 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.

<u>Liang-wei Huang</u>	<u>Liang-wei Huang</u>	<u>Dec. 10, 2008</u>
Name of sole or first inventor	Signature	Date
<u>Chih-Yung Shih</u>	<u>Chih-Yung Shih</u>	<u>Dec. 10, 2008</u>
Name of second inventor, if any	Signature	Date
<u>Shieh-Hsing Kuo</u>	<u>Shieh-Hsing Kuo</u>	<u>Dec. 10, 2008</u>
Name of third inventor, if any	Signature	Date
<u> </u>	<u> </u>	<u> </u>
Name of fourth inventor, if any	Signature	Date
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Name of sole or first inventor	Signature	Date