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22390 U.S. PTO
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1. Name of conveying party(ies): **6-9-04**

(1) Der-Zheng LIU (3) Tai-Cheng LIU
(2) Song-Nien TANG (4) Kuang-Yu YEN

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Realtek Semiconductor Corp.

Street Address: No. 2, Industry E. Rd. IX
Science-Based Industrial Park
Hsinchu 300, Taiwan, R.O.C.

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: May 21, 2004

4. Application number(s) or patent number(s): **10864193**

If this document is being filed together with a new application, the execution date of the application is:
May 21, 2004

A. Patent application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

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

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

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

Enclosed
 Authorization to charge credit card (attached)


8. Deposit Account Number:
20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

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9. Statement and signature.
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.

Daniel R. McClure  **June 9, 2004**

Typed Name Signature Date

Docket #: 251806-1110 Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:
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Alexandria, Virginia 22313-1450

PATENT
REEL: 015456 FRAME: 0578

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 1 of 2

WHEREAS Der-Zheng Liu , Song-Nien Tang , Tai-Cheng Liu and Kuang-Yu Yen

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to AUTOMATIC GAIN CONTROL AND ANTENNA SELECTION METHOD FOR A RADIO COMMUNICATION SYSTEM

the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on _____,

authorization being hereby given to my attorney, THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P. of 100 GALLERIA PARKWAY, N.W. SUITE 1500 ATLANTA, GEORGIA 30339-5948, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS REALTEK SEMICONDUCTOR CORP. of No.2, Industry E. Rd. IX, Science-Based Industrial Park, Hsinchu 300, Taiwan, R.O.C., hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

瑞昱編號 91A-047US || 三達編號 US1554PA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

ASSIGNOR:

Signature: Der-Zheng Liu

Printed Name: Der-Zheng Liu

Date: May 21, 2004

ASSIGNOR:

Signature: Song-Nien Tang

Printed Name: Song-Nien Tang

Date: May 21, 2004

ASSIGNOR:

Signature: Tai-Cheng Liu

Printed Name: Tai-Cheng Liu

Date: May 21, 2004

ASSIGNOR:

Signature: Kuang-Yu Yen

Printed Name: Kuang-Yu Yen

Date: May 21, 2004

WITNESS:

Signature: _____

Printed Name: _____

Date: _____