

07-28-2005



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113264 U.S. PTO
11/186206

072005

To the Director of the U.S. Patents

103049963

Return the attached documents or the new address(es) below.

7-20-05

1. Name of conveying party(ies)/Execution Date(s):

Gerchih Chou
Chia-Liang Lin

Execution Date(s) July 19 & 20, 2005

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

2. Name and address of receiving party(ies)

Name: Realtek Semiconductor Corporation

Internal Address: _____

Street Address: No. 2 Innovation Road II,

Science-Based Industrial Park, Hsinchu,

City: _____

State: _____

Country: Taiwan (R.O.C)

Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

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

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: OKAMOTO & BENEDICTO LLP

Internal Address: _____

Street Address: P.O. BOX 641330

City: SAN JOSE

State: CA Zip: 95164-1330

Phone Number: (408) 436-2110

Fax Number: (408) 436-2114

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :

Patrick D. Benedicto

July 20, 2005

Signature

Date

Patrick D. Benedicto

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

07/25/2005 EAREGAY1 00000011 11186206

PATENT
REEL: 016802 FRAME: 0659

07/25/2005 EAREGAY1 00000011 11186206 40.00 0P
01 FC:6021

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Realtek Semiconductor Corporation, a Taiwan corporation**, having a place of business at **No. 2 Innovation Road II, Science-Based Industrial Park, Hsinchu, Taiwan (R.O.C.)**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled "**ADAPTIVE EQUALIZATION SYSTEM FOR A SIGNAL RECEIVER**" ("APPLICATION"), the declaration for which was executed on July 19 & 20, 2005;

- is to be filed herewith
 was filed on _____,
 now bearing U.S. serial number _____; and

2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all divisional, provisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted or have been granted on the applications set forth in (a), (b), and (c) above; and (d) all right of priority in and to the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

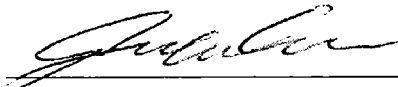
Title of Document: ASSIGNMENT

Re:
Title: ADAPTIVE EQUALIZATION SYSTEM FOR A SIGNAL RECEIVER
Filed: (if applicable)
Atty. Docket No.: 10036.000210

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature _____

Date of
Signature



7/19/2005

Gerchih Chou

Name and Signature _____

Date of
Signature

_____2005

Chia-Liang Lin

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July 19 & 20, 2005;

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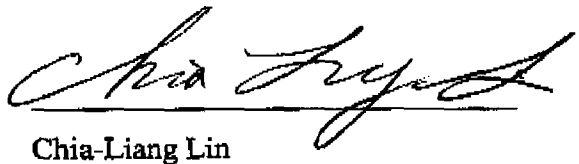
Date of
Signature

Gerchih Chou

_____, 2005

Name and Signature _____

Date of
Signature


Chia-Liang Lin

July 20th, 2005