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FORM PTO-1595

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OMB No. 0651-0027 (exp. 6/30/2005)



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2 SHEET

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying part(ies):

(1) John-San YANG  
(2) Yu-Hua LIU

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

2. Name and address of receiving party(ies)

Name: Airoha Technology Corp.

Street Address: 5Fl., No. 5, Li-Hsin Rd. 6  
Hsinchu Science Park  
Hsinchu 300, Taiwan, R.O.C.

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

112913 U.S. PTO  
11/032425



011005

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other:

Execution Date: December 24, 2004

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 24, 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

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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  Jan 10 2005  
Typed Name Signature Date

Total number of pages including cover sheet, attachments, and document: [2]

Docket #: 250138-1040

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PATENT  
REEL: 016178 FRAME: 0593

# ASSIGNMENT

WHEREAS, John-San YANG and Yu-Hua LIU

hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: TEMPERATURE CONTROLLED, LOG-LINEAR GAIN CONTROL CIRCUIT FOR AMPLIFIERS

Filed: \_\_\_\_\_ Serial No.: \_\_\_\_\_


Executed on: December 24, 2004

WHEREAS, Airoha Technology Corp. of No. 5, Li-Hsin Rd., 6, Hsinchu Science Park, Hsinchu 300, Taiwan hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

  
\_\_\_\_\_  
John-San YANG

2004/12/24  
\_\_\_\_\_  
Date

Yu-Hua Liu  
\_\_\_\_\_  
Yu-Hua LIU

2004, Dec. 24  
\_\_\_\_\_  
Date

R04001/0816-A20333-US

RECORDED: 01/10/2005

PATENT  
REEL: 016178 FRAME: 0594