

11/20/08

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To the Director of the U.S. Patents and

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documents or the new address(es) below.

**1. Name of conveying party(ies):**

Ligang Zhang

Additional name of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**Execution Date(s) 11/11/08

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Silicon Laboratories Inc.

Internal Address: \_\_\_\_\_

Street Address: 400 W. Cesar ChavezCity: AustinState: TXCountry: USA Zip: 78701Additional Name(s) & address(es) attached? ☐ Yes ☒ No**4. Application number(s) or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/286,314

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: O'Keefe, Egan, Peterman & Enders, LLP

Internal Address: \_\_\_\_\_

Street Address: 1101 S. Capital of Texas HighwayBuilding C, Suite 200City: AustinState: TX Zip: 78746Phone Number : (512) 347-1611Fax Number: (512) 347-1615Email Address: bpeterman@oepelaw.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ 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 10-1205Authorized User Name SILA353**9. Signature :**

Signature

Brian W. Peterman

Name of Person Signing

11/20/2008 DEYRNE 00000075 12286314

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Date

40.00 UP

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

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450PATENT  
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## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES, INC., (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of business 400 W. Cesar Chavez, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the United States provisional patent application, Serial No. 61/123,094, which has been filed on April 4, 2008, and is entitled "AUTO-DETECTION OF BROADCAST CHANNEL SPACING;" (2) any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 12/286,314, which has been filed on September 30, 2008, and is entitled "FREQUENCY PLANNING FOR SWITCHING DEVICES FOR MULTI-BAND BROADCAST RADIOS;" (3) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (4) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

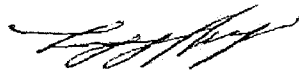
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature):



Ligang Zhang

Date:

Nov. 11, 2008.