

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David R. Welland	11/18/2003
RECEIVING PARTY DATA	
Name:	Silicon Laboratories, Inc.
Street Address:	4635 Boston Lane
City:	Austin
State/Country:	TEXAS
Postal Code:	78735
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	7084710
Patent Number:	7262725
CORRESPONDENCE DATA	
Fax Number:	5128538801
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	6657-75400
NAME OF SUBMITTER:	Dean M. Munyon
Total Attachments: 3 source=7084710 - 7262725 Inventor -1 - Assignment#page1.tif source=7084710 - 7262725 Inventor -1 - Assignment#page2.tif source=7084710 - 7262725 Inventor -1 - Assignment#page3.tif	

CH \$80.00 7084710

## ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Yunteng Huang    of    Irvine, CA  
Bruno W. Garlepp    of    San Jose, CA  
David R. Welland    of    Austin, Texas

hereby sell, assign and transfer to

ASSIGNEE:        Silicon Laboratories, Inc.

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on \_\_\_\_\_, or
- U.S. Provisional Application
- U.S. Application No.: 10/188,576, filed on July 2, 2002
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED:        **DIGITAL EXPANDER APPARATUS AND METHOD FOR  
GENERATING MULTIPLE ANALOG CONTROL SIGNALS  
PARTICULARLY USEFUL FOR CONTROLLING A SUB-  
VARACTOR ARRAY OF A VOLTAGE CONTROLLED  
OSCILLATOR**, and naming as

INVENTOR(S):    Yunteng Huang, Bruno W. Garlepp, David R. Welland

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (\_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

ASSIGNMENT OF INVENTION

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Yunteng Huang

----- Notary Use Below -----

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, Yunteng Huang, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Bruno W. Garlepp

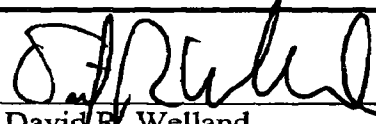
----- Notary Use Below -----

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, Bruno W. Garlepp, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary

Executed on November 18, 2003 by   
David R. Welland

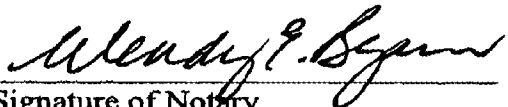
----- Notary Use Below -----

State of TEXAS  
County of TRAVIS

On NOVEMBER 18, 2003, David R. Welland, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.



WITNESS my hand and official seal.

  
Signature of Notary