

12-27-2001

ATTORNEY DOCKET NO.: 026-0013



3ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patent

101925865

and original documents or copy thereof.

1. Name of conveying party(ies):

Philip David Steiner
Michael H. Perrott
Vadim Gutnik

MRP
12/11/01

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Silicon Laboratories, Inc.

Internal Address: 4635 Boston Lane

Street Address: 4635 Boston Lane

City: Austin State: TX ZIP: 78735

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

jc879 U.S. PTO
10/015030
12/11/01

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 9/12/01, 12/7/01 and 9/18/01, respectively

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: 9/12/01, 12/7/01 and 9/17/01, respectively

A. Patent Application No.:

10015030

B. Patent No.:

Additional numbers attached? Yes No

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

Name Mark Zagorin
Internal Address: Zagorin, O'Brien & Graham, L.L.P.
Street Address: 401 West 15th Street, Suite 870
City AUSTIN State TX ZIP 78701

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
- A check is enclosed for the Total Fee shown above
 - Please charge the Total Fee shown above to Deposit Account 50-0631
 - Authorized to charge additional fees to Deposit Account 50-0631

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40.00 0P

8. 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.

Mark Zagorin, Reg. No. 36,067

Name of Person Signing

Mark Zagorin
Signature

12/11/2001
Date

Total number of pages including cover sheet: 7

Express Mail Label No.: EL684226245US

PATENT

REEL: 012385 FRAME: 0450

ASSIGNMENT OF INVENTION

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

Philip David Steiner of Montreal, Quebec

hereby sell, assign and transfer to

ASSIGNEE: Silicon Laboratories, Inc., a Delaware corporation, having a place
of business at 4635 Boston Lane, Austin, Texas, 78735

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.: _____, filed on _____
- International Application No.: PCT/_____, filed on _____

ENTITLED: **METHOD AND APPARATUS FOR DETERMINING A LOSS
OF SIGNAL CONDITION**

INVENTOR(S): Philip David Steiner

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. This Assignment shall
be governed by the laws of Texas.

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.

ASSIGNMENT OF INVENTION

Executed on Sept. 12, 2001 by ,
Philip David Steiner

ASSIGNMENT OF INVENTION

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

Michael H. Perrott of Cambridge, MA
Vadim Gutnik of Austin, TX

hereby sell, assign and transfer to

ASSIGNEE: Silicon Laboratories, Inc., a Delaware corporation, having a place
of business at 4635 Boston Lane, Austin, Texas, 78735,

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- U.S. Patent Application executed on _____, or
- U.S. Provisional Application
- U.S. Application No.: _____, filed on _____
- International Application No.: PCT/_____, filed on _____

ENTITLED: **METHOD AND APPARATUS FOR DETERMINING A LOSS
OF SIGNAL CONDITION**, and naming as

INVENTOR(S): Michael H. Perrott and Vadim Gutnik

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
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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 DECEMBER 7, 2001 by Michael H. Perrott
Michael H. Perrott

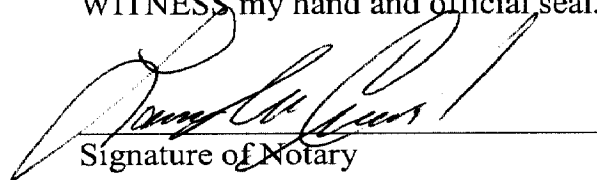
----- Notary Use Below -----

State of Massachusetts
County of Middlesex

On December 7, 2001, Michael H. Perrott, 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.

LAWRENCE M. CRASNICK
Massachusetts Notary
Expires August 15, 2008


Signature of Notary

Executed on _____, 200__ by _____
Vadim Gutnik

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

State of _____
County of _____

On _____, Vadim Gutnik, 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

ASSIGNMENT OF INVENTION

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

Michael H. Perrott of Cambridge, MA
Vadim Gutnik of Austin, TX

hereby sell, assign and transfer to

ASSIGNEE: Silicon Laboratories, Inc., a Delaware corporation, having a place
of business at 4635 Boston Lane, Austin, Texas, 78735,

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.: _____, filed on _____
- International Application No.: PCT/_____, filed on _____

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OF SIGNAL CONDITION**, and naming as

INVENTOR(S): Michael H. Perrott and Vadim Gutnik

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
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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.

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 _____

Michael H. Perrott

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

State of _____
County of _____

On _____, Michael H. Perrott, 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 September 18, 2001 by Vadim Gutnik

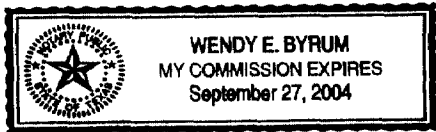
Vadim Gutnik

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

State of TEXAS
County of TRAVIS

On SEPTEMBER 18, 2001, Vadim Gutnik, 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.



Wendy E. Byrum
Signature of Notary