

05-15-2002



102090864

U.S. DEPARTMENT OF COMMERCE

JET

Patent and Trademark Office
Docket No. 488992000700

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): John C. WU; Paul L. RODGERS; Jeff T. MOHR; and David E. KELLY <i>5.8.02</i> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Peregrine Semiconductor Corporation Internal Address: 6175 Nancy Ridge Drive Street Address: Same City: San Diego State: California ZIP: 92121 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: March 11, 2002; March 13, 2002; March 26, 2002; and April 10, 2002		
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: A. Patent Application No.(s) <u>10/001,250 (filed October 30, 2001)</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Stephen C. Durant Morrison & Foerster LLP 425 Market Street San Francisco, California 94105-2482		6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, referencing Attorney Docket 488992000700 8. Deposit account number: <u>03-1952</u>

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

DO NOT USE THIS SPACE

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.

Name: Stephen C. Durant
Registration No: 31,506

Signature

April 26, 2002

Date

Total number of pages comprising cover sheet, attachments and document: 11

05/14/2002 TBIAZ1 00000050 031952 10001250

01 FC:581 40.00 CH

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

sf-1292351

PATENT
REEL: 012882 FRAME: 0947

ASSIGNMENT JOINT

THIS ASSIGNMENT, by JOHN C. WU, PAUL L. RODGERS, JEFF T. MOHR and DAVID E. KELLY, residing at 12745 Prairie Dog Avenue, San Diego, CA 92129, 1034 Magnolia Ave., #16, Gardena, CA 90247, 2723 S. Centre City Parkway, Escondido, CA 92025 and 4481 Longshore Way, San Diego, CA 92130, respectively (hereinafter referred to as "assignors"), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in ON-CHIP INTEGRATED MIXER WITH BALUN CIRCUIT AND METHOD OF MAKING THE SAME, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/001,250 and filed on 30 October 2001; and

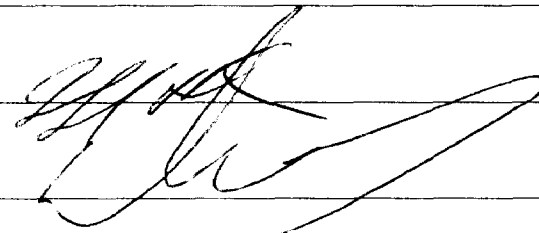

WHEREAS, PEREGRINE SEMICONDUCTOR CORPORATION, a corporation duly organized under and pursuant to the laws of the State of Delaware and having its principal place of business at 6175 Nancy Ridge Drive, San Diego, California 92121 ("PEREGRINE") (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said Assignee, its successors, legal representatives and assigns.

Date	John C. Wu
Date	Paul L. Rodgers
3/13/02	
Date	Jeff T. Mohr
3/14/02	
Date	David E. Kelly

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Diego

SS.

On March 11, 2002, before me,

Date

Georgina Peavey Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

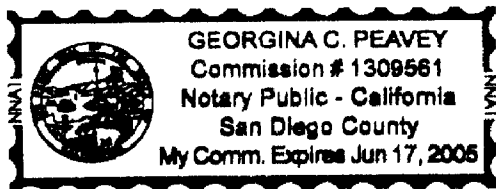
personally appeared

Daniel E. Kelly

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

Georgina C. Peavey
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

Number of Pages:

TWO

Signer(s) Other Than Named Above:

John C. Wu, Paul L. Rodgers, Jeff T. Kachur

Capacity(ies) Claimed by Signer

Signer's Name:

Individual

Corporate Officer — Title(s):

Partner — ☐ Limited ☐ General

Attorney in Fact

Trustee

Guardian or Conservator

Other:

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Signer Is Representing:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Diego

SS.

On March 13, 2002 before me,

Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

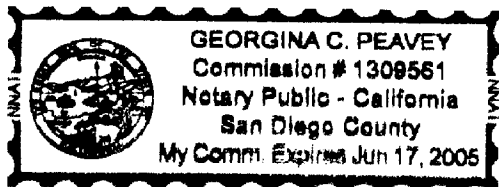
Georgina Peavey, Notary Public

personally appeared

Jeff T. Mohr

Name(s) of Signer(s)

- ☒ personally known to me
☐ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Georgina Peavey

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

Number of Pages:

Two

Signer(s) Other Than Named Above:

David E. Kelly, Paul L. Rodger, John C. Brown

Capacity(ies) Claimed by Signer

Signer's Name:

- ☐ Individual
☐ Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other:

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

ASSIGNMENT JOINT

THIS ASSIGNMENT, by JOHN C. WU, PAUL L. RODGERS, JEFF T. MOHR and DAVID E. KELLY, residing at 12745 Prairie Dog Avenue, San Diego, CA 92129, 1034 Magnolia Ave., #16, Gardena, CA 90247, 2723 S. Centre City Parkway, Escondido, CA 92025 and 4481 Longshore Way, San Diego, CA 92130, respectively (hereinafter referred to as "assignors"), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in ON-CHIP INTEGRATED MIXER WITH BALUN CIRCUIT AND METHOD OF MAKING THE SAME, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/001,250 and filed on 30 October 2001; and

WHEREAS, PEREGRINE SEMICONDUCTOR CORPORATION, a corporation duly organized under and pursuant to the laws of the State of Delaware and having its principal place of business at 6175 Nancy Ridge Drive, San Diego, California 92121 ("PEREGRINE") (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said Assignee, its successors, legal representatives and assigns.

Date

4/10/02

Date

3/13/02

Date

3/11/02

Date

John C. Wu

Paul Rodgers

Paul L. Rodgers

Jeff T. Mohr

Jeff T. Mohr

David E. Kelly

David E. Kelly

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of CALIFORNIA

County of SAN DIEGO

On April 10, 2002 before me, MONA D. STONE, NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Paul L. Rodgers
Name(s) of Signer(s)

☐ personally known to me – OR ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Mona D. Stone
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment joint

Document Date: 4-10-02 Number of Pages: 2

Signer(s) Other Than Named Above: John C. Wu, Jeff T. Mohr, David E. Kelly

Capacity(ies) Claimed by Signer(s)

Signer's Name: Paul L. Rodgers

- ☒ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Self

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

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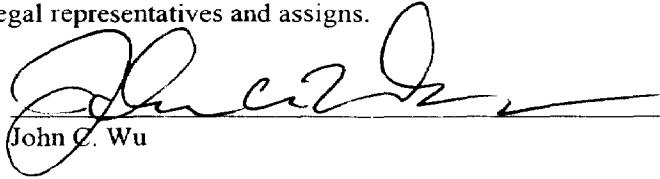
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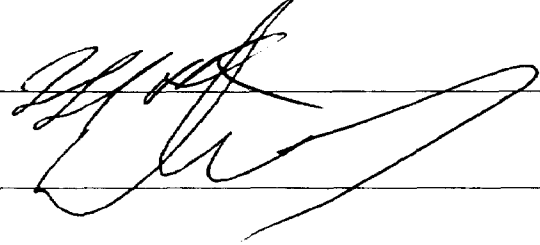
3/26/02
Date


John C. Wu

3/13/02
Date

Paul L. Rodgers

Jeff T. Mohr

3/11/02
Date


David E. Kelly

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

SAN DIEGO

} ss.

On MARCH 26, 2002 before me,

Date

Z. S. KRIKORIAN, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

JOHNWU

Name(s) of Signer(s)

☐ personally known to me☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

OPTIONAL

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Description of Attached Document

Title or Type of Document:

ASSIGNMENTJOINT

Document Date:

MAR 26th, 2002

Number of Pages:

TWO

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer

Signer's Name:

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

**RIGHT THUMBPRINT
OF SIGNER**

Top of thumb here