

09-07-2004

RECOR



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty. Docket No. 2900-020

FORM PTO-1095
(Rev. 6-93)
QMB No. 0651-0011 (exp. 4/94)

102830532

To the Commissioner for Patents: Please record the attached copy thereof.

1. Name of conveying party(ies):
Steven Deane Hall
9.1.04

2. Name and address of receiving party(ies):
Name: Silicon Wave, Inc.
Internal Address:

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Street Address: 6256 Greenwich Dr., Suite 400

City: San Diego State: CA Zip: 92122

Country: USA

Execution Date:

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
10/673,110

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Benjamin S. Withrow
WITHROW & TERRANOVA, P.L.L.C.
P.O. Box 1287
Cary, NC 27512

6. Total number of applications and patents involved:1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
50-1732
(Attach duplicate of this page if paying by deposit account)

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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.

Benjamin S. Withrow

Name of Person Signing

Signature

August 25, 2004

Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

**Director of the United States Patent and Trademark Office
PO Box 1450, Alexandria, Virginia 22313-1450**

**PATENT
REEL: 015746 FRAME: 0082**

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

1. Name of conveying party(ies):
Steven Deane Hall
2.2.04
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Silicon Wave, Inc.
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: _____

Street Address: 6256 Greenwich Dr., Suite 400

City: San Diego State: CA Zip: 92122
Additional name(s) & address(es) attached? Yes No

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) 10/673,110

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Martin J. Jaquez
Internal Address: _____

Street Address: 750 B Street, Suite 2640

City: San Diego State: CA Zip: 92101

6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Additional fees or credit Authorized to be charged to deposit account

8. Deposit account number:
50-0490
OPR/FINANCE
FEB - 2 AM 10:45

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9. Signature.
Martin J. Jaquez, Reg. No. 38,060
Name of Person Signing *[Signature]* Signature 01/06/04 Date

Total number of pages including cover sheet, attachments, and documents: 4

02/03/2004 LMUELLER 00000195 10673110
01 FC:0021 40.00 DP

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

ASSIGNMENT

WHEREAS, I, **Steven Deane Hall**, of **946 Marisa Lane, Encinitas, California 92024, U.S.A.**, hereinafter referred to as the Assignor, is the inventor of certain new and useful improvements in a "**METHOD AND APPARATUS DETERMINING THE PRESENCE OF INTERFERENCE IN A WIRELESS COMMUNICATION CHANNEL**"

[X] for which an application for a United States Patent was filed on **September 25, 2003**, and assigned U.S. Application No. **10/673,110**; and

WHEREAS, **Silicon Wave, Inc.** hereinafter referred to as the Assignee, of **6256 Greenwich Drive, Suite 400, San Diego, California 92122**, a corporation of the State of **Delaware**, is desirous of acquiring the entire right, title and interest in and to said new and useful improvements and in and to said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said Assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said Assignee, the entire right, title and interest in and to said new and useful improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said Assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said new and useful improvements, said application and said Letters Patent to said Assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said Assignee or to its nominee all known facts respecting said new and useful improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said new and useful improvements in any and all countries.

DOCKET NO.: SW-038-PAP
Appl. No. 10/673,110
Filed September 25, 2003

PATENT

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said new and useful improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Dec 18, 2003
Date

Steven Deane Hall
Steven Deane Hall

State of California) SS:
County of San Diego)

On this 18 day of December, 2003, before me personally came the above named Steven Deane Hall to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

Seal

Ivette Lipp
Notary Public

