



RECORDATION FORM C PATENTS OF

12-26-2002



102321806

COMMERCE
Trademark Office

J.: 89160.0019

Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

12/9/02

William Veitschegger
Scott Sauer

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

POWERWAVE TECHNOLOGIES, INC.
1801 East St. Andrew Place
Santa Ana, CA 92706

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

3. Nature of conveyance:

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

Execution Date: September & November, 2002

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) 10/217,726

B. Patent No.(s) [PATENT #(s)]

Additional numbers attached? Yes No

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

Paul B. Heynssens, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

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:

50-1314

(Attach duplicate copy 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 is true and correct and any attached copy is a true copy of the original document.

Paul B. Heynssens, Reg. No. 47,648

Date: December 2, 2002

OMB No. 0651-0011 (exp. 4/94)

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

**Assistant Commissioner for Patents
Box Assignments
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12/24/2002 LNUELLER 00000094 501314 10217726

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **we**, the undersigned, **co-inventors**:

Full Name of First Inventor:	Scott Sauer
Residence Address:	5880 Devon Drive Rocklin, CA 95765
Citizenship:	U.S.A.
Full Name of Second Inventor:	William Veitschegger
Residence Address:	103 Moreland Court Folsom, CA 95630
Citizenship:	U.S.A.

Who have created a certain invention for which an application for United States Letters Patent entitled **EDGE-PLATED WELL FOR CIRCUIT BOARD COMPONENTS**, has been executed and

is filed herewith.

Do hereby sell, assign and transfer to **Powerwave Technologies, Inc.**, a corporation, having a place of business at **1801 East St. Andrew Place, Santa Ana, California 92705**, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Powerwave Technologies, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives;

The terms "Application" and "Application for Letters Patent" as used herein include both provisional and non-provisional applications;

Inventor(s) hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

William Veitschegger

William Veitschegger

Date: 9-23-2002

STATE OF CALIFORNIA

COUNTY OF EL DORADO

On Sept 23, 2002 before me, Christina M. Vogel Notary Public,

personally appeared William Veitschegger
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.



Christina M. Vogel
SIGNATURE OF NOTARY

-----OPTIONAL SECTION-----
CAPACITY CLAIMED BY
SIGNER

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

- INDIVIDUAL
- CORPORATE OFFICER(S)

TITLE(S)
- PARTNER(S) LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER _____

SIGNER IS REPRESENTING:
Name of Person(s) or Entity(ies)

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **we**, the undersigned, **co-inventors**:

Full Name of First Inventor: Scott Sauer
Residence Address: 5880 Devon Drive
Rocklin, CA 95765
Citizenship: U.S.A.

Full Name of Second Inventor: William Veitschegger
Residence Address: 103 Moreland Court
Folsom, CA 95630
Citizenship: U.S.A.

Who have created a certain invention for which an application for United States Letters Patent entitled **EDGE PLATED TRANSISTOR WELL FOR CIRCUIT BOARD COMPONENTS**; attorney docket number 89160.0019 filed August 13, 2002 and assigned application number 10/217,726.

Do hereby sell, assign and transfer to **Powerwave Technologies, Inc.**, a corporation, having a place of business at **1801 East St. Andrew Place, Santa Ana, California 92705**, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Powerwave Technologies, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives;

The terms "Application" and "Application for Letters Patent" as used herein include both provisional and non-provisional applications;

Inventor(s) hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

Scott Sauer

Scott B. Sauer

Date: 11/26/02

STATE OF CALIFORNIA

COUNTY OF _____

On _____ before me, _____, Notary Public,

personally appeared _____
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.

SIGNATURE OF NOTARY

-----OPTIONAL SECTION-----
CAPACITY CLAIMED BY SIGNER

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