

09-26-2003

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PAT



Docket No. 81002/5102

102559156

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

1. Name of conveying party(ies):

William M. Fries
John S. Thompson
Benjamin H. Holko
Kenton J. Salisbury

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

Pure Pulse Technologies, Inc.
8888 Balboa Avenue
San Diego, CA 92131

22141 U.S. PTO
10/664249

09/16/03

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

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

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

Execution Date: August 25, 2003; August 28, 2003;
September 11, 2003; August 15, 2003

4. Application number(s) or patent number(s): 10/664249

If this document is being filed together with a new application, the execution date of the application is: August 25, 2003; August 15, 2003; September 11, 2003; August 15, 2003

A. Patent Application No.(s)

Additional numbers attached? Yes No

B. Patent No.(s)

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

Thomas F. Lebens
FITCH, EVEN, TABIN & FLANNERY
Suite 1600-120 S. La Salle Street
Chicago, IL 60603

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 should the fee not be enclosed.

8. Deposit account number: 06-1135

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.

Signature

Martin R. Bader
Registration No. 54,736

September 16, 2003
Date

10. Total number of pages including cover sheet, attachments and document: 10

09/25/2003 ECUOPER 00000220 061135 10664249

01 FC:0021

40.00 BA

ASSIGNMENT

WHEREAS, I, William M. Fries, of San Diego, California, U.S.A., John S. Thompson of San Clemente, California, U.S.A., Benjamin H. Holko of San Diego, California, U.S.A. and Kenton J. Salisbury of San Diego, California, U.S.A. for good and valuable consideration, have assigned and do hereby assign to Pure Pulse Technologies, Inc., a Delaware corporation, having a principal place of business at 8888 Balboa Avenue, San Diego, California ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:

METHOD AND APPARATUS FOR CONTROLLING FLOW PROFILE TO MATCH LAMP FLUENCE PROFILE

which is being filed herewith, and in and to said application and any and all divisionals, continuations, substitutes, renewals, reissues and foreign counterparts thereof, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisions, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

Date: 3/25, 2003 William M. Fries
William M. Fries

Benjamin H. Holko
Witness 1

William M. Fries
Witness 2

Date: _____, 2003 _____
John S. Thompson

Witness 1

Witness 2

Date: _____, 2003 _____
Benjamin H. Holko

Witness 1

Witness 2

Date: _____, 2003 _____
Kenton J. Salisbury

Witness 1

Witness 2

ASSIGNMENT

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Date: _____, 2003 _____
William M. Fries

Witness 1

Witness 2

Date: Aug 25, 2003 _____
John S. Thompson

Morgan Pepler
Witness 1

[Signature]
Witness 2

Date: _____, 2003 _____

Benjamin H. Holko

Witness 1

Witness 2

Date: _____, 2003 _____

Kenton J. Salisbury

Witness 1

Witness 2

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Orange

On August 29, 2003 before me, Mary J. Miller
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared John Scott Johnson
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.

Mary J. Miller
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 of Patent

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

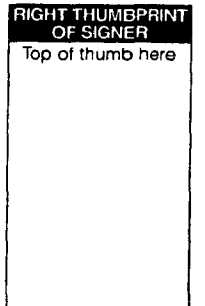
- Individual
- Corporate Officer
Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

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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Date: _____, 2003 _____
William M. Fries

Witness 1

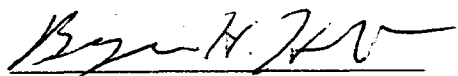
Witness 2

Date: _____, 2003 _____
John S. Thompson

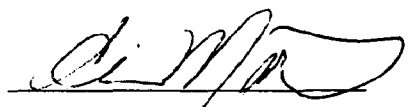
Witness 1

Witness 2

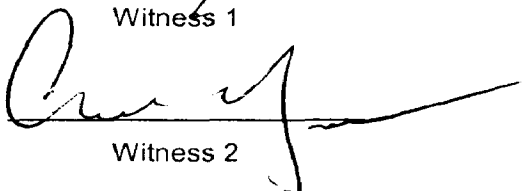
Date: September 11, 2003



Benjamin H. Holko



Witness 1



Witness 2

Date: _____, 2003

Kenton J. Salisbury

Witness 1

Witness 2

ASSIGNMENT

WHEREAS, I, William M. Fries, of San Diego, California, U.S.A., John S. Thompson of San Clemente, California, U.S.A., Benjamin H. Holko of San Diego, California, U.S.A. and Kenton J. Salisbury of San Diego, California, U.S.A. for good and valuable consideration, have assigned and do hereby assign to Pure Pulse Technologies, Inc., a Delaware corporation, having a principal place of business at 8888 Balboa Avenue, San Diego, California ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:

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Date: _____, 2003 _____
William M. Fries

Witness 1

Witness 2

Date: _____, 2003 _____
John S. Thompson

Witness 1

Witness 2

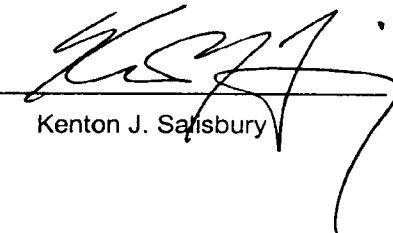
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Benjamin H. Holko

Witness 1

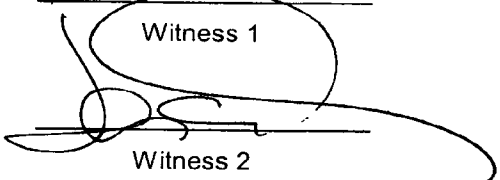
Witness 2

Date: 15-Aug, 2003 _____


Kenton J. Salisbury



Witness 1



Witness 2