

3/17/06

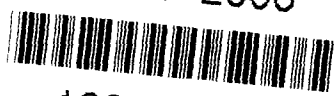
03-20-2006

Docket No.: TWI-29010

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Alex Salnik
Lena Nicolaides
Jon Opsal
Mira Bakshi

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **THERMA-WAVE, INC.**
Internal Address: **1250 Reliance Way**
Street Address: **1250 Reliance Way**
City: **Fremont** State: **CA** ZIP: **94539**

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

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FINANCE SECTION

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

Execution Date: **January 30, 2006**

4. Application number(s) or patent 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)
11/334,962

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **STALLMAN & POLLOCK LLP**
Internal Address: **Attn: Michael A. Stallman**
Street Address: **353 Sacramento Street, Suite 2200**
City: **San Francisco** State: **CA** ZIP: **94111**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
50-1703

03/20/2006 LMUELLER 00000040 11334962
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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.

Michael A. Stallman (Reg. No. 29,444)

Name of Person Signing

Signature
March 17, 2006
Date

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

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22312-1450

PATENT
REEL: 017677 FRAME: 0080

ASSIGNMENT

WHEREAS, WE, Alex Salnik, Lena Nicolaides, Jon Opsal and Mira Bakshi, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD FOR MEASURING PEAK CARRIER CONCENTRATION IN ULTRA-SHALLOW JUNCTIONS

Filing Date: January 19, 2006

Application No.: 11/334,962

WHEREAS, THERMA-WAVE, INC., a corporation of the State of Delaware, 1250 Reliance Drive, Fremont, California 94539 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Stallman & Pollock LLP, 353 Sacramento Street, Suite 2200, San Francisco, California 94111, to insert herein above the application number and filing date of said application when known.

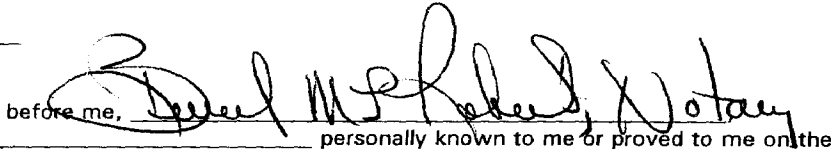
IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 01-30-06

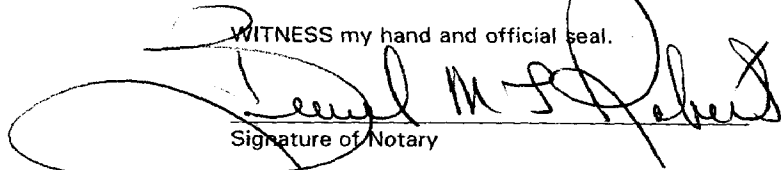

Alex Salnik

State of California
County of Santa Clara

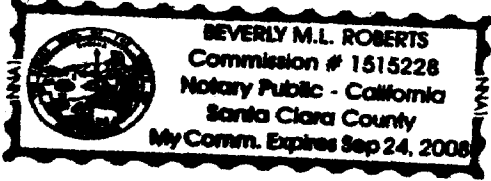
On Tan 30 2006 personally appeared Alex Salnik

before me,  Notary
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

SEAL



IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 1-30-06

[Signature]
Lena Nicolaides

State of California

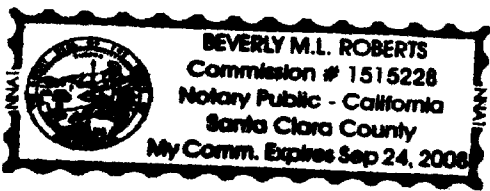
County of Santa Clara

On Jan 30 2006 before me, [Signature] Notary,
personally appeared Lena Nicolaides 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]
Signature of Notary

SEAL



IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 1-30-06

[Signature]
Jon Opsal

State of California

County of Santa Clara

On Jan 30, 2006 before me, [Signature] Notary,
personally appeared Jon Opsal 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]
Signature of Notary

SEAL



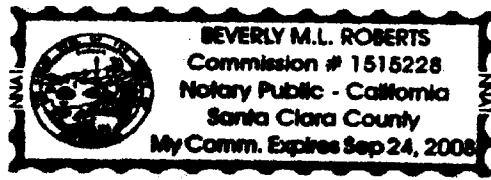
IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: Jan 30 '06 Mira Bakshi
Mira Bakshi

State of California
County of Santa Clara

On Jan 30th 2006 before me, Beverly M. Roberts Notary
personally appeared Mira Bakshi 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.
Beverly M. Roberts
Signature of Notary



SEAL