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06-03-2004



102756835

COVER SHEET

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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):

Jon Opsal
Hanyou Chu
Xuelong Cao
Youxian Wen

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 03/08/04, 03/08/04, 03/08/04, & 03/16/04

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

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)

10/784,619

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

(Attach duplicate copy of this page if paying by deposit account)

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

May 26, 2004

Date

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

4

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PATENT

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06/02/2004 ECR/DER 06000121 102756835 40.00 OP
01 FC:0021

ASSIGNMENT

WHEREAS, WE, Jon Opsal, Hanyou Chu, Xuelong Cao and Youxian Wen, 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: GLOBAL SHAPE DEFINITION METHOD FOR SCATTEROMETRY

Application (Declaration/Oath) Execution Date: 03/08/2004, 03/08/2004, 03/08/2004 and 03/16/2004

Filing Date: February 23, 2004

Application No.: 10/784,619

WHEREAS, THERMA-WAVE, INC., a corporation of the State of Delaware, 1250 Reliance Way, 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, 121 Spear Street, Suite 290, San Francisco, California 94105, 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: 3/8/2004

Jon Opsal

State of California

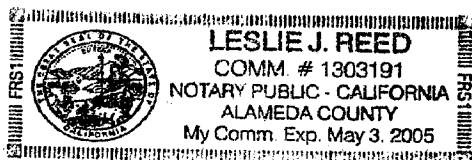
County of Alameda

On 3-8-04 before me, LESLIE J. REED, 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

Leslie J. Reed
Signature of Notary

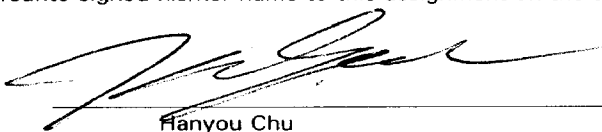
SEAL



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

Date:

Mar 8, 2004



Hanyou Chu

State of

California

County of

Alameda

On

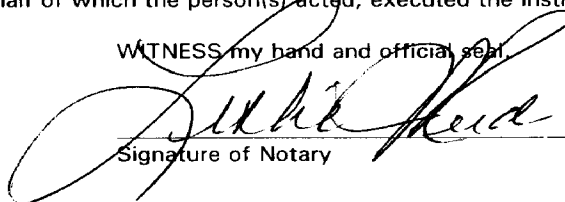
3-8-04

before me,

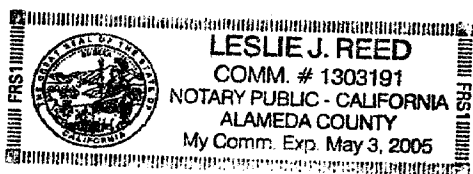
LESLIE J. REED, Notary

personally appeared Hanyou Chu 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:

3/08/04



Xuelong Cao

State of

California

County of

Alameda

On

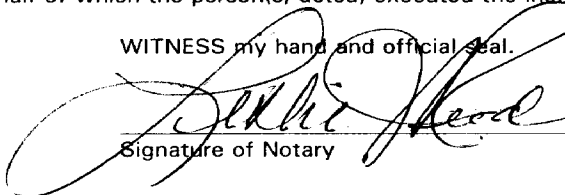
3-8-04

before me,

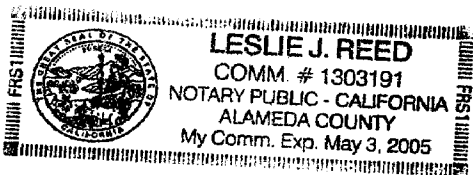
LESLIE J. REED, Notary

personally appeared XUELONG CAO 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: 3/16/04

Youxian Wen
Youxian Wen

State of California
County of Alameda

On 3-16-04 before me, LESLIE J. REED, Notary,
personally appeared YOUXIAN WEN 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.

Leslie J. Reed
Signature of Notary

SEAL

