

08-26-2008



To the Director of the United States Patent and Trademark Office

103521514

and related documents or the new address(es) below.

1. Name of conveying party(ies):

Christian J. Shackleton
Raul Martin Wong Gutierrez

8.25-08

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

Name: COHERENT, INC.

Internal Address:

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): July 9, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Street Address: 5100 Patrick Henry Drive

City: Santa Clara

State: CA

Country: U.S.A.

ZIP: 95054

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

4. Application or patent numbers(s):

A. Patent Application No.(s)

12/166,640

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address 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

Phone Number: (415) 772-4900

Fax Number: (415) 398-2890

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 50-1703

Authorized User Name Stallman & Pollock LLP

9. Signature:

Signature

August 23, 2008

Date

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

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

WHEREAS, WE, Christian J. Shackleton and Raul Martin Wong Gutierrez, 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: SLAB LASER WITH STAND-OFF FOR CERAMIC SPACERS

Filing Date: July 2, 2008 Application No.: 12/166,640

WHEREAS, COHERENT, INC., a corporation of the State of Delaware, 5100 Patrick Henry Drive, Santa Clara, California 95054 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: 7/9/08 CJ Shackleton
Christian J. Shackleton

State of CONNECTICUT

County of HARTFORD

On JULY 9, 2008 before me, W. HARMON LEETE,
personally appeared CHRISTIAN J. SHACKLETON who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

W. Harmon Leete
Signature of Notary

W. HARMON LEETE
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2013

SEAL

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

Date: 7/9/08

[Signature]
Raul Martin Wong Gutierrez

State of CONNECTICUT

County of HARTFORD

On July 9, 2008 before me, W. HARMON LEETE, personally appeared RAUL MARTIN WONG GUTIERREZ who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

W. Harmon Leete
Signature of Notary

W. HARMON LEETE
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2013

SEAL