

10-04-2006

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To the Director of the United States F.

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sergei V. Govorkov
R. Russel Austin
Joerg Ferber

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

Name: COHERENT, INC.Internal Address: 5100 Patrick Henry Drive

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherStreet Address: 5100 Patrick Henry DriveCity: Santa ClaraState: CAZIP: 94111Execution Date: 09/14/2006, 09/19/2006 and08/15/2006Additional 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)

Filing Date

B. Patent No.(s)

11/487,798

07/17/2006

10/03/2006 DBYRME 00000028 11487798

01 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: STALLMAN & POLLOCK LLPInternal Address: Attn: Michael A. StallmanStreet Address: 353 Sacramento Street, Suite 2200City: 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)

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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

September 14, 2006

Date

Total number of pages including cover sheet, attachments, and document: 4Mail 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 22313-1450

PATENT

REEL: 018349 FRAME: 0112

ASSIGNMENT

WHEREAS, WE, Sergei V. Govorkov, R. Russel Austin and Joerg Ferber, 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: AMORPHOUS SILICON CRYSTALLIZATION USING COMBINED BEAMS FROM OPTICALLY PUMPED SEMICONDUCTOR LASERS

Filing Date: July 17, 2006

Application No.: 11/487,798

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: Sept. 14, 2006

Sergei V. Govorkov
Sergei V. Govorkov

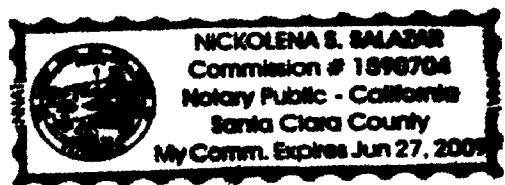
State of CALIFORNIA

County of SANTA CLARA

On SEPTEMBER 14, 2006 before me, NICKOLENA S. SALAZAR, NOTARY PUBLIC, personally appeared SERGEI V. GOVORKOV 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.

Nickolena S. Salazar
Signature of Notary



SEAL

PATENT

REEL: 018349 FRAME: 0113

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

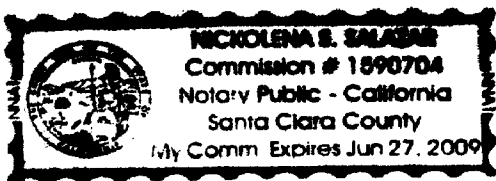
Date: 9/19/2006

R. Russel Austin

State of CALIFORNIA

County of SANTA CLARA

On SEPTEMBER 19, 2006 before me, NICKOLENA S. SALAZAR ^{NOTARY PUBLIC}
 personally appeared R. RUSSEL AUSTIN 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.



SEAL

WITNESS my hand and official seal.

Nickolena S. Salazar
 Signature of Notary

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

Date: _____

Joerg Ferber

State of _____

County of _____

On _____ before me, _____
 personally appeared _____ 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: _____
R. Russel Austin

State of _____

County of _____

On _____ before me, _____,
personally appeared _____ 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: 15.8.2006 _____
Joërg Ferber