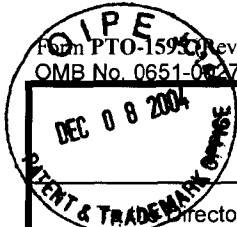


12-14-2004



102900774

RE

Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

Handwritten: 102900774

1. Name of conveying party(ies)/Execution Date(s):

(1) Scott A. MERRITT and (2) Peter J.S. HEIM

Execution Date(s) (1) 11/15/04 and (2) 11/01/04

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

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: Covega, Inc.

Internal Address: _____

Street Address: 10335 Guilford Road

City: Jessup

State: Maryland

Country: USA

Zip: 20794

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/919,112

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Steven M. duBois

Internal Address: _____

Street Address: P.O. Box 270

City: Fredericksburg

State: Virginia

Zip: 22404

Phone Number: (540) 361-1863

Fax Number: (919) 361-0734

Email Address: steve@ppglaw.com

6. Total number of applications and patents involved:

one

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 9918

Expiration Date 06/30/06

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Handwritten signature of Steven M. duBois

Signature

December 6, 2004

Date

Steven M. duBois, Reg. No. 35,023

Name of Person Signing

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

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

12/09/2004 KBETEMA1 00000002 10919112
01 FC:8021 40.00 OP

PATENT
REEL: 016058 FRAME: 0261

The undersigned agree that, when requested, the undersigned shall, without charge to Assignee but at its expense, sign all papers, and do all acts which may be necessary or desirable in connection with said applications, patents, or other forms of protection.

Scott Merritt
Scott A. Merritt

Date: November 15, 2004

Peter J. S. Heim

Date: _____

ASSIGNMENT

For value received, each of the undersigned hereby sells, assigns and transfers to **Covega, Inc.**, a corporation of the State of Delaware, having an office at 10335 Guilford Road, Jessup, Maryland 20794, and its successors, assignees and legal representatives (hereafter "Assignee"), the entire right, title and interest, for the United States of America, in and to certain inventions related to:

SUPERLUMINESCENT DIODES HAVING HIGH OUTPUT POWER AND REDUCED INTERNAL REFLECTIONS

described in a utility application for Letters Patent for the United States of America filed on **August 16, 2004** and assigned serial number **10/919,112**. Each of the undersigned further sells, assigns and transfers to Assignee all the rights to and privileges in said application and related applications, including but not limited to utility applications, continuation applications, continuation-in-part applications, divisional applications, and reissue applications, and under any and all Letters Patent that may be granted in the United States for said inventions. Each of the undersigned further sells, assigns and transfers the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the above-identified application, and all rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

Attorney Docket No. 0300-009

ASSIGNMENT

For value received, each of the undersigned hereby sells, assigns and transfers to **Covega, Inc.**, a corporation of the State of Delaware, having an office at 10335 Guilford Road, Jessup, Maryland 20794, and its successors, assignees and legal representatives (hereafter "Assignee"), the entire right, title and interest, for the United States of America, in and to certain inventions related to:

SUPERLUMINESCENT DIODES HAVING HIGH OUTPUT POWER AND REDUCED INTERNAL REFLECTIONS

described in a utility application for Letters Patent for the United States of America filed on **August 16, 2004** and assigned serial number **10/919,112**. Each of the undersigned further sells, assigns and transfers to Assignee all the rights to and privileges in said application and related applications, including but not limited to utility applications, continuation applications, continuation-in-part applications, divisional applications, and reissue applications, and under any and all Letters Patent that may be granted in the United States for said inventions. Each of the undersigned further sells, assigns and transfers the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the above-identified application, and all rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

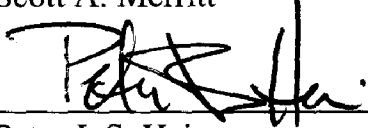
The undersigned authorize Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

The undersigned agree that, when requested, the undersigned shall, without charge to Assignee but at its expense, sign all papers, and do all acts which may be necessary or desirable in connection with said applications, patents, or other forms of protection.

Scott A. Merritt



Peter J. S. Heim

Date: _____

Date: 11/1/2004