



07-06-2005



103034589

:ET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark OfficePTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jeffrey E. Ungar
Robert M. Lammert

2. Name and address of receiving party(ies)

Name: Quintessence Photonics Corporation

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: 15632 Roxford Street

City: Sylmar State: CA Zip: 91342

Execution Date: 02/18/2004

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 02/18/2004

A. Patent Application No.(s) 10/783,269

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☐ No

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

Name: Ben J. Yorks

Internal Address: _____

Street Address: 840 Newport Center Drive, Suite 400

City: Newport Beach State: CA Zip: 92660

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

09-0946

DO NOT USE THIS SPACE

9. Signature.

Ben J. Yorks

Name of Person Signing

Signature

June 15, 2004

Date

Total number of pages including cover sheet, attachments, and documents: ☐Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

05/22/2004 EHAILE1 00000034 10783269

02 FC:8021

40.00 DP

PATENT
REEL: 016738 FRAME: 0001

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Robert M. Lammert

hereby sell, assign, and transfer to:

Quintessence Photonics Corporation

a Delaware Corporation, having a principal place of business at 15632 Roxford Street, Sylmar, California 91342 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

MID-INFRARED LASER DIODE WITH PHASE MATCHING GRATING

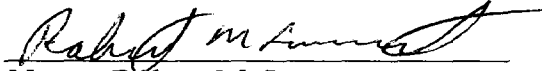
and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Each inventor: Please also
list the date that you signed
the accompanying DECLARATION
& POWER OF ATTORNEY

2/18/04
Date


Name: Robert M. Lammert

2/18/04
Date

Date

Name:

Date

Date

Name:

Date

Date

Name:

Date

Date

Name:

Date

Date

Name:

Date

Date

Name:

Date

Assignment Document Return Address:
Irell & Manella LLP
840 Newport Center Drive, Suite 400
Newport Beach, CA 92660
Telephone: 949-760-0991

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned:

Jeffrey E. Ungar

hereby sell, assign, and transfer to:

Quintessence Photonics Corporation

a Delaware Corporation, having a principal place of business at 15632 Roxford Street, Sylmar, California 91342 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

MID-INFRARED LASER DIODE WITH PHASE MATCHING GRATING

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Each inventor: Please also
list the date that you signed
the accompanying DECLARATION
& POWER OF ATTORNEY

Date 2/18/04 Name: Jeffrey E. Ungar

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date 2/18/07

Date _____

Date _____

Date _____

Date _____

Date _____

Date _____

Assignment Document Return Address:
Irell & Manella LLP
840 Newport Center Drive, Suite 400
Newport Beach, CA 92660
Telephone: 949-760-0991