07-30-1999 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 HEET Patent and Trademark Office 1-31-92 MRD 7.28.99 101105069 To the Commissioner of Patents and Trademarks. Please record the attached original documents Name of conveying party(ies): 2. Name and address of rece Axel Kneip Ruediger von Elm COHERENT, INC. Internal Address: 5100 Patrick Henry Drive Additional name(s) of conveying party(ies) attached? Street Address: 5100 Patrick Henry Drive X No Yes City, State and Zip: Santa Clara, California 95054 Nature of Conveyance: Additional Name(s) & address(es) attached? X No Yes Assignment Merger Security Agreement Change of Name Other Execution Date: 7/19/1999 & 7/19/1999 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: A. Patent Application No.(s) B. Patent No.(s) 09/327, 147 Additional numbers attached? Yes Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Name: Michael A. Stallman 7. Total fee (37 CFR 3.41):.....\$ 40.00 Enclosed Limbach & Limbach L.L.P. Internal Address: Charge any deficiencies in the enclosed fee to 2001 Ferry Building Street Address: Deposit Account No. 12-1420 City, State, ZIP: San Francisco, California 94111 Authorized to be charged to deposit account Telephone: (415) 433-4150 (415) 433-8716 Facsimile: 8. Deposit account number: 12-1420 Attorney Docket No. COHL-3720 DO NOT USE THIS SPACE 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 Total number of pages including cover sheet, attachments and document: 2

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ASSIGNMENT

WHEREAS, WE, Axel Kneip and Ruediger von Elm, 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: PULSED DIODE-PUMPED SOLID-STATE LASER Application (Declaration/Oath) Execution Date: ____July 19, 1999 Application No.: 09/327,147 Filing Date: June 7, 1999 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 inclucing 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. IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below. Date: 19. 7. 99 IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated Ruediger von Elm

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