



To the Commissioner of Patents and Trademarks:

nts or copy thereof.

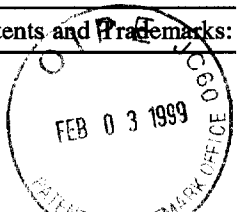
1. Name of conveying party:

- (1) Jun NITTA
- (2) Natuhiko MIZUTANI

Additional name(s) of conveying party(ies) attached?

Yes No

MLD 2-3-99



100961141

g party:

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome
Ohta-ku, Tokyo, Japan

Domestic Address: _____

City: _____ State _____ ZIP _____

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

3. Nature of conveyance:

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

Execution Date: (1) January 25, 1999; (2) January 20, 1999

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: _____

A. Patent Application Number: 09/203,602

Filing Date: December 2, 1998

B. Title of Invention:

DISTRIBUTED FEEDBACK SEMICONDUCTOR
LASER IN WHICH LIGHT INTENSITY
DISTRIBUTIONS DIFFER IN DIFFERENT
POLARIZATION MODES, AND DRIVING
METHOD THEREFOR

Additional numbers attached? Yes No

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

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

02/04/1999 DHSUYEN 00000239 09203602

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Anne M. Maher - Reg. No. 38,231
Name of Person Signing

Anne M. Maher
Signature

February 3, 1999
Date

Date

Total number of pages including cover sheet, attachments, and documents: 2

JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Jun Nitta and Natsuhiko Mizutani,

citizens of Japan,

residing, respectively, at 1-2-8-304, Sendagi, Bunkyo-ku, Tokyo, Japan,

hereby sell, assign, transfer and convey unto Canon Kabushiki Kaisha

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

DISTRIBUTED FEEDBACK SEMICONDUCTOR LASER IN WHICH LIGHT INTENSITY DISTRIBUTIONS DIFFER IN DIFFERENT POLARIZATION MODES, AND DRIVING METHOD THEREFOR

and described in an application for Letters Patent of the United States of the United States filed by us on December 2, 1998 and which has been accorded Application No. 09/203602

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, to make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Jun Nitta
Jun Nitta

Date: January 25, 1999

By: Natsuhiko Mizutani
Natsuhiko Mizutani

Date: January 20, 1999

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____