

12-11-2000

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## PATENTS ONLY

To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoshiharu MUROYA

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

☐ yes☒ no

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

NEC CORPORATION

7-1, Shiba 5-chome

Minato-ku, Tokyo, Japan



Additional name(s) &amp; address(es) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Execution Date: July 17, 2000

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: July 17, 2000

A. Patent Application No.(s)

09/621,690

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32136. Total number of applications and registration involved:  
1

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

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.☐ Authorized to be charged to 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.

J. Frank Osha

Reg. No. 24,625

November 17, 2000

Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

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Assistant Commissioner of Patents

Box Assignments

Washington, D.C. 20231

PATENT  
REEL: 011310 FRAME: 0601

# Assignment

Whereas, I/We, YOSHIHARU MUROYA  
Tokyo, Japan

of

hereinafter called assignor(s), have invented certain improvements in

DISTRIBUTED FEEDBACK TYPE SEMICONDUCTOR LASER DEVICE  
HAVING GRADUALLY-CHANGED COUPLING COEFFICIENT

and executed an application for Letters Patent of the United States of America therefor on  
July 17, 2000 ; and

Whereas, NEC Corporation  
7-1, Shiba 5-chome, Minato-ku,  
Tokyo, Japan

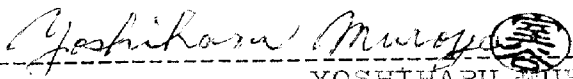
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and  
to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt where of is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee,  
its successors and assigns, the entire right, title and interest in the application and the invention  
disclosed therein for the United States of America, including the right to claim priority under  
35 U.S. Code 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted  
upon the invention set forth in the application to the assignee, its successors and assigns; and I/we  
will execute without further consideration all papers deemed necessary by the assignee in connection  
with the United States application when called upon to do so by the assignee.

Signed at Tokyo, Japan

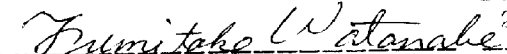
on July 17, 2000

  
YOSHIHARU MUROYA

Witness

Date

July 17  
2000

  
Sumitake Watanabe

July 17  
2000

  
Hiroshi Muroya