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

MAD 11-25-98

1. Name of conveying party(ies):
Tetsuro OKUDA

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) & address(es) attached?
 yes no

JCS51 U.S. PTO
09/199789
11/25/98

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other _____

Execution Date: November 19, 1998

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: November 19, 1998
A. Patent Application No.(s)
09/199789
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
J. Frank Osha, Esq.
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. 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.
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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.

Howard L. Bernstein Reg. No. 25,665
November 25, 1998 Date

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12/08/1998 JWATKINS 00000051 09199789

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PATENT
REEL: 9615 FRAME: 0943

will 8917
911, 3263

For Non-U.S. Clients

Assignment

Whereas, ~~I/We~~, TETSURO OKUDA of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
DISTRIBUTED FEEDBACK LASER DEVICE HIGH IN COUPLING EFFICIENCY
WITH OPTICAL FIBER
and executed an application for Letters Patent of the United States of America therefor on
November 19, 1998 ; 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 whereof 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.C. §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.

~~I/We~~ hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: Nov. 19, 1998 s/ Tetsuro Okuda  TETSURO OKUDA

Date: s/ _____

Witness:

Masayumi Terauchi

Shiro Murata

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)