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

1. Name of conveying party(ies):
Toshiki KOSHIMAE
Toshiaki WATANABE

2. Name and address of receiving party(ies):
MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

04-12-2002



102054221

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

3. Nature of conveyance:

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

Execution Date: November 5, 2001

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: November 5, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents 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.

Darryl Mexic
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Reg. No. 23,063

January 28, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

Assignment

Whereas, I/We, Toshiki KOSHIMAE and Toshiaki WATANABE of
Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
SOLID-STATE LASER DEVICE

and executed an application for Letters Patent of the United States of America therefor on
November 5, 2001 ~~19~~ ; and

Whereas, MITSUBISHI DENKI KABUSHIKI KAISHA of
2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 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: November 5, 2001 s/ Toshiki Koshimae
Toshiki KOSHIMAE

Date: November 5, 2001 s/ Toshiaki Watanabe
Toshiaki WATANABE

Date: s/ _____

Date: s/ _____

Date: s/ _____

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