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Yasuo OEDA, Kiyofumi MURO, and Michio OKUBO
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: 1) THE FURUKAWA ELECTRIC CO., LTD.
2) Mitsui Chemicals, Inc.
Address: 1) 6-1, Marunouchi 2-chome, Chiyoda-ky
Tokyo 100-8322 Japan
2) 1-5-2, Higashi-Shimbashi, Minatoku,
Tokyo 105-7117 Japan

3. Nature of Conveyance:
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 Security Agreement Change of Name
 Other
Execution Date: November 29, December 1, November
23, 2004

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4. Application number(s) or patent number(s):
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B. Patent No.(s)
Additional numbers attached? Yes No

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112948 U.S. PTO
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PATENT
REEL: 016133 FRAME: 0059

Assignment of Application

WHEREAS, I (WE) Yasuo OEDA of
c/o MC-FITEL INC.,
580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 Japan
Kiyofumi MURO of
15-12, Noborito 5-chome, Chuou-ku, Chiba-shi, Chiba 260-0032 Japan
Michio OKUBO of
c/o THE FURUKAWA ELECTRIC CO., LTD.,
6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

_____, respectively, have invented certain new and useful improvements in:

INSERT TITLE OF INVENTION:

SEMICONDUCTOR LASER DEVICE, SEMICONDUCTOR LASER MODULE, AND OPTICAL FIBER AMPLIFIER

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on Nov. 29, 2004 and Dec. 1, 2004

(Application No. _____, filed _____), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan and
Mitsui Chemicals, Inc.

(hereinafter referred to as "ASSIGNEE") having a place of business at:

1-5-2, Higashi-Shimbashi, Minatoku, Tokyo 105-7117 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Nov. 29, 2004

Yasuo Oeda
(Signature of Inventor) Yasuo OEDA

Date: Dec. 1, 2004

Kiyofumi Muro
(Signature of Inventor) Kiyofumi MURO

Date: _____

(Signature of Inventor) Michio OKUBO

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

Assignment of Application

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INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on Nov. 23, 2004
 (Application No. _____, filed _____), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

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(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
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The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _____
(Signature of Inventor) Yasuo OEDA

Date: _____
(Signature of Inventor) Kiyofumi MURO

Nov. 23, 2004

Date: _____
(Signature of Inventor) Michio OKUBO

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

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