

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Yasuyuki NAKAGAWA	01/13/2009
Harumi NISHIGUCHI	01/13/2009
Kyosuke KURAMOTO	01/13/2009
Masatsugu KUSUNOKI	01/13/2009
Takeo SHIRAHAMA	01/13/2009
Yosuke SUZUKI	01/19/2009
Hiromasu MATSUOKA	01/13/2009

**RECEIVING PARTY DATA**

Name:	Mitsubishi Electric Corporation
Street Address:	7-3, Marunouchi 2-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8310

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12348061

**CORRESPONDENCE DATA**

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CH \$40.00 12348061

ATTORNEY DOCKET NUMBER:

404310

NAME OF SUBMITTER:

Jeffrey A. Wyand

Total Attachments: 2

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Yasuyuki NAKAGAWA(2) Harumi NISHIGUCHI(3) Kyosuke KURAMOTO(4) Masatsugu KUSUNOKI(5) Takeo SHIRAHAMA(6) Yosuke SUZUKI(7) Hiromasu MATSUOKA

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Electric Corporation7-3, Marunouchi 2-chomeChiyoda-ku, Tokyo 100-8310JAPAN

its successors and assigns ( hereinafter designated "ASSIGNEE" ) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SEMICONDUCTOR LASER

for which an application for United States Letters Patent was executed on even date herewith, (Application No. 12/348,061, filed January 2, 2009),

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Yasuyuki Nakagawa</u> Name: Yasuyuki NAKAGAWA	<u>January 13, 2009</u>
2) <u>Harumi Nishiguchi</u> Name: Harumi NISHIGUCHI	<u>January 13, 2009</u>
3) <u>Kyosuke Kuramoto</u> Name: Kyosuke KURAMOTO	<u>January 13, 2009</u>

4) Masatsugu KUSUNOKI  
Name: Masatsugu KUSUNOKI

January 13, 2009

5) Takeo Shirahama  
Name: Takeo SHIRAHAMA

January 13, 2009

6) Yosuke Suzuki  
Name: Yosuke SUZUKI

January 19, 2009

7) Hiromasu Matsuoka  
Name: Hiromasu MATSUOKA

January 13, 2009