

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hitoshi NAKAMURA	02/27/2008
Shinji ABE	02/27/2008
Harumi NISHIGUCHI	02/27/2008
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:	12029510
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Total Attachments: 1	

CH \$40.00 12029510

**500495262**

**PATENT**  
**REEL: 020695 FRAME: 0198**



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) Hitoshi NAKAMURA  
(3) Harumi NISHIGUCHI

(2) Shinji ABE

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

Mitsubishi Electric Corporation  
7-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo 100-8310  
JAPAN

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

METHOD FOR MANUFACTURING A SEMICONDUCTOR LASER

for which an application for United States Letters Patent was executed on even date herewith,  
(Application No. 12/029,510, filed February 12, 2008 ),

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>Hitoshi Nakamura</u> Name: Hitoshi NAKAMURA	<u>February 27, 2008</u>
2) <u>Shinji Abe</u> Name: Shinji ABE	<u>February 27, 2008</u>
3) <u>Harumi Nishiguchi</u> Name: Harumi NISHIGUCHI	<u>February 27, 2008</u>