

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shinji ABE	05/06/2010
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12753136
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NAME OF SUBMITTER:	Jeffrey A. Wyand
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PATENT
Attorney Docket No. 404488

Leydig, Voit & Mayer
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Washington, D.C. 20005-3960

ASSIGNMENT

WHEREAS, I, Shinji ABE, of c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JAPAN, have invented and own a certain invention entitled:

MULTI-WAVELENGTH SEMICONDUCTOR LASER DEVICE

for which invention I have executed an application (provisional or non-provisional) for a United States patent, which was filed on April 2, 2010, under Application No. 12/753,136, and

WHEREAS, Mitsubishi Electric Corporation, of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, and reexaminations) that may be filed in the United States on the invention, and the patents or extensions thereof, that may issue thereon, and I hereby authorize and request the Commissioner for Patent to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

I HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

I HEREBY COVENANT and agree with the Assignee that I will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making

In re Appln. of Shinji ABE
Attorney Docket No. 404488

application for and obtaining original, continuation, continuation-in-part, divisional, reissued, or reexamined patents of the United States on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, I have hereunder set my hand on the date shown below.

Date May 6, 2010

Shinji ABE
Shinji ABE