PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Manabu MATSUDA | 03/24/2010 |

RECEIVING PARTY DATA

| Name: | FUJITSU LIMITED | |
|-----------------|---|--|
| Street Address: | 1-1, Kamikodanaka 4-chome, Nakahara-ku, | |
| City: | Kawasaki-shi, Kanagawa | |
| State/Country: | JAPAN | |
| Postal Code: | 211-8588 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12753987 |

CORRESPONDENCE DATA

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| NAME OF SUBMITTER: | William F. Westerman |

Total Attachments: 1

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PATENT REEL: 024206 FRAME: 0400

U.S. ASSIGNMENT

| inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUITSU LIMITED |), allo of other good and var | uable consideration paid to the undersigned |
|--|---|---|
| 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, K | anagawa 211-8588 Japan | |
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| | | · · · · · · · · · · · · · · · · · · · |
| (hereinafter, "ASSIGNEE"), the receipt of which is hereby acks ASSIGNEE the entire and exclusive right, title and interest to the (Title of Invention) | nowledged, the undersigned At the invention entitled | SSIGNOR hereby sells, assigns and transfers to |
| | | |
| SEMICONDUCTOR LASER | | |
| | | |
| executed on even date herewith or, if not so executed, was: (a) executed on; (b) filed on, Serial No; | Assignee's attorney is i | application, if not concurrent) nereby authorized to insert in (b) the specified |
| ; | data, when known. | |
| and to said application and all Letters Patent(s) of the United St substitute, reissue or reexamination application based thereon, for including any extensions thereof (collectively, hereinafter, "said | or the full term or terms for whi | ch the said Letters Patent(s) may be granted and |
| The ASSIGNOR agree(s), when requested by said ASSIGNI which the ASSIGNEE may deem necessary, desirable or expedincluding in the preparation and prosecution of said application reexamination, or public use proceeding, and in any litigation or acts to include but not be limited to executing all papers, including sworm testimony, and obtaining and producing evidence. | ient, for securing, maintaining (s) and the issuance of said Let other legal proceeding which n | and enforcing protection for said invention, ters Patent(s), in any interference, reissue, lay arise or be declared in relation to same, such |
| IN WITNESS WHEREOF, the undersigned inventor(s) has (| have) affixed his/her/their sign | eature(s). |
| n) Fa 国 堂 | Manabu MATSUDA | March 24, 2010 |
| (Signature) | (Type Name) | (Date) |

RECORDED: 04/08/2010

PATENT

REEL: 024206 FRAME: 0401