### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Masayuki HATA	07/19/2011
Hideki YOSHIKAWA	07/13/2011

#### **RECEIVING PARTY DATA**

Name:	Sanyo Electric Co., Ltd.
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City:	Moriguchi-shi, Osaka
State/Country:	JAPAN
Postal Code:	570-8677

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13189637

# **CORRESPONDENCE DATA**

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Total Attachments: 2

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PATENT

REEL: 026640 FRAME: 0938

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#### **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Name and address of	assignee:
Sanyo Electric Co., L	td., 5-5, Keihan Hondori 2-chome,
Moriguchi-shi, Osaka	570-8677 Japan
(hereinafter ASSIGN and possessions in an	EE) all right, title and interest for the United States, its territories d to this invention relating to
Title of invention:	
Semiconductor Laser	Apparatus and Optical Apparatus
as set forth in this Uni	ited States Patent Application
check one	☑ executed concurrently herewith
	□ executed on
	☑ Serial No. 13/189,637 Filed July 25, 2011

in and to said United States Patent Application including any and all divisions or continuations there of and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a signs or to assist said ASSIGNEE, its successors, legal representatives or a signs in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the attorneys and the agents of Mots Law, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

NAME	S AND SIGNATURES OF INVENTOR	rs
Name:	Signature:	Date:
Masayuki Hata	Masayun Ctolin	July 19, 2011
Name:	Signature:	Date:
Hideki Yoshikawa	Signature:  Masayuhi letetu  Signature:  Hideki Yoshikawa	July 13 2011
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES ANI	O SIGNATURES OF WITNESSES (O	ptional)
Name:	Signature:	Date:
Name:	Signature:	Date:
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Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.