

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2686173

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOSHIAKI SUGIZAKI	12/26/2013
AKIHIRO KOJIMA	12/27/2013
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13154999
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
Phone:	703-413-3000
Email:	iavila@oblon.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTA
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	381985US20
NAME OF SUBMITTER:	ISIAH AVILA
Signature:	/Isiah Avila/
Date:	01/16/2014
Total Attachments: 2 source=381985USASSIGNMENT#page1.tif source=381985USASSIGNMENT#page2.tif	

381985US20

## Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS

WHEREAS, I (WE) 1) Hiroshi KOIZUMI of Kanagawa-ken, Japan

2) Yasuhide OKADA of Kanagawa-ken, Japan

3) Susumu OBATA of Kanagawa-ken, Japan

4) Tomomichi NAKA of Kanagawa-ken, Japan

5) Kazuhito HIGUCHI of Kanagawa-ken, Japan

6) Kazuo SHIMOKAWA of Kanagawa-ken, Japan

7) Yoshiaki SUGIZAKI of Kanagawa-ken, Japan

8) Akihiro KOJIMA of Ishikawa-ken, Japan ;

\_\_\_\_\_, respectively,

INSERT TITLE OF  
INVENTION

have invented certain new and useful improvements in: OPTICAL SEMICONDUCTOR DEVICE AND METHOD  
FOR MANUFACTURING SAME

(Application No. 13/154,999 , filed June 7, 2011 ), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _____	(Signature of Inventor) _____	Hiroshi KOIZUMI
Date: _____	(Signature of Inventor) _____	Yasuhide OKADA
Date: _____	(Signature of Inventor) _____	Susumu OBATA
Date: _____	(Signature of Inventor) _____	Tomomichi NAKA
Date: _____	(Signature of Inventor) _____	Kazuhito HIGUCHI
Date: _____	(Signature of Inventor) _____	Kazuo SHIMOKAWA
Date: <u>Dec. 26, 2013</u>	(Signature of Inventor) <u>Yoshiaki Sugizaki</u>	Yoshiaki SUGIZAKI
Date: <u>Dec. 27, 2013</u>	(Signature of Inventor) <u>Akihiro Kojima</u>	Akihiro KOJIMA

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
 ATTORNEYS AT LAW  
 1940 DUKE STREET  
 ALEXANDRIA, VIRGINIA 22314