PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
ASAMI UCHIYAMA	03/10/2014	
KOICHI AKIYAMA	03/07/2014	
YUSUKE AZUMA	03/10/2014	
YOSHIMICHI MORITA	03/18/2014	
TAKESHI YAMATOYA	03/10/2014	

RECEIVING PARTY DATA

Name:	MITSUBISHI ELECTRIC CORPORATION
Street Address:	7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8310

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14266872

CORRESPONDENCE DATA

Fax Number: (312)616-5700

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 2027376770

Email: assignments@leydig.com
Correspondent Name: JEFFREY A. WYAND

Address Line 1: 700 THIRTEENTH STREET, N.W.

Address Line 2: SUITE 300

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	716706/VES
NAME OF SUBMITTER:	JEFFREY A. WYAND
SIGNATURE:	/Jeffrey A. Wyand/
DATE SIGNED:	05/01/2014

Total Attachments: 2

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Assignce ref. Agent ref. Leydig, Voit & Mayer

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SEMICONDUCTOR OPTICAL ELEMENT, OPTICAL MODULE AND METHOD OF MANUFACTURING SEMICONDUCTOR OPTICAL, ELEMENT

DECLARATION

As an inventor named below, I hereby declare for:
the attached patent application, or United States patent application or PCT international patent application number
that:
(i) the patent application identified above was made or authorized to be made by me;
(ii) I believe that I am the original inventor or an original joint inventor of an invention claimed in the patent application identified above; and
(iii) I hereby acknowledge that any willful false statement made in this declaration is punishab under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both fine and
imprisonment.

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which are acknowledged:

I sell, assign, and transfer to

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

its successors, assigns, and legal representatives (hereinafter collectively designated "ASSIGNEE") my entire right, title and interest for the United States of America, as defined in 35 U.S.C. 100, in the invention(s) disclosed in the patent application identified above;

I authorize and request the United States Director of Patents and Trademarks to issue any and all United States Letters Patent which may be granted for the invention(s) disclosed in the patent application identified above, and any and all extensions, divisions, reissues, reexaminations, continuations, or continuations-in-part patent applications of the patent application identified above, and the right to all benefits under the Patent Corporation Treaty, and the international Convention for the Protection of Industrial Property to the ASSIGNEE, for its interest as ASSIGNEE; and

I agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, continuation, divisional, continuation-in-part, reissued, or reexamined Letters Patent of the United States, upon request of the ASSIGNEE, and without further remuneration, in and to any improvements, and applications for patent based on the patent application identified above, growing out of or related to the invention(s) disclosed in the patent application identified above, and to execute any papers of the ASSIGNEE, deemed essential to ASSIGNEE'S full protection and title in and to the invention(s) transferred by this Assignment.

Asami L	1chiyama	Date	March	10, .	2014
Printed Legal Name	of First Inventor: Asami UCHI)	AMA			
e e à s				(m) m	2
Koichi A	<u>< : Va sna -</u> of Second Inventor: Koichi AKI	Date	March	1, 20	4
Printed Legal Name	of Second Inventor: Koichi AKI	YAMA			
Yusuke 1	Azuma	24 0.	March	10, 20	14
	of Third Inventor; Yusuke AZU	Date MA			3565
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To shame of	i Morita	Date	Marc	h /1, 1	014
Printed Legal Name	of Fourth Inventor: Yoshimichi	MORITA	***************************************		
Jahrahi	My amaturga	Date	Marc	h 10, 2	0/5/
Printed Legal Name	of Fifth Inventor: Takeshi YAM	ATOYA			

2