

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3666929

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SUWA OPTRONICS	08/06/2015
RECEIVING PARTY DATA		
Name:	MITSUBISHI ELECTRIC CORPORATION	
Street Address:	2-7-3, MARUNOUCHI, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8310	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Patent Number:	7104655	
Patent Number:	7111946	
Patent Number:	7111947	
Patent Number:	7114815	
Patent Number:	7163298	
CORRESPONDENCE DATA		
Fax Number:	(703)739-2815	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	iprecordals@cpaglobal.com, pkarmakar@cpaglobal.com	
Correspondent Name:	CPA GLOBAL LTD	
Address Line 1:	LIBERATION HOUSE	
Address Line 2:	CASTLE STREET	
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NAME OF SUBMITTER:	HEIDI WHITTINGHAM	
SIGNATURE:	H/WHIT/IPR/PK/NGBMitElecCoCP2015166/AG5P	
DATE SIGNED:	12/21/2015	
Total Attachments: 2		
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CP2015-166 ①

UNITED STATES OF AMERICA

ASSIGNMENT

WHEREAS, SUWA OPTRONICS CO.,LTD (ASSIGNOR"), a Limited Company, organized under the laws of Japan, with a place of business at 5239-1, Toyohira, Chino-shi, Nagano, Japan, co-owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, Mitsubishi Electric Corporation ("ASSIGNEE"), a Corporation organized under the laws of Japan, with a place of business at 2-7-3, Marunouchi, Chiyoda-ku, Tokyo 100-8310, Japan, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: 6 August 2015

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

SUWA OPTRONICS CO.,LTD (Assignor)

By: Atsushi Shiba

Name: Atsushi SHIBA

Title: President and Chief Executive Officer

Date: 24. Nov. 2015

Schedule

Country	IP Grant Number
USA	7104655
USA	7111946
USA	7111947
USA	7114815
USA	7163298