

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HITACHI, LTD.	12/21/2015
RECEIVING PARTY DATA	
Name:	TOKYO INSTITUTE OF TECHNOLOGY
Street Address:	12-1, O-OKAYAMA 2-CHOME, MEGURO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	152-8550
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8344382
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	XA-11764
NAME OF SUBMITTER:	DEBORAH TSEPAL
SIGNATURE:	/Deborah Tsepal/
DATE SIGNED:	01/08/2016
Total Attachments: 2	
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U.S. Patent No.8,344,382

Assignment of Co-Owner's Interest

WHEREAS, Hitachi, Ltd. ("ASSIGNOR"), whose postal address is 6-6, Marunouchi 1-Chome, Chiyoda-Ku, Tokyo, Japan, is a record co-owner of United States Letters Patent No. 8,344,382, entitled SEMICONDUCTOR DEVICE, MANUFACTURING METHOD THEREOF, AND DISPLAY APPARATUS USING THE SEMICONDUCTOR DEVICE, issued on January 1, 2013, (the "Patent") and the invention disclosed and claimed in the Patent and Application Serial No. 13/001,428, filed on December 26, 2010, from which the Patent issued; and

WHEREAS, TOKYO INSTITUTE OF TECHNOLOGY ("ASSIGNEE"), whose postal address is 12-1, O-Okayama 2-Chome, Meguro-Ku, Tokyo, Japan, 152-8550, desires to acquire from ASSIGNOR and ASSIGNOR desires to assign to ASSIGNEE all of ASSIGNOR's right, title, and interest in and to the Patent and the inventions disclosed and/or claimed in the Patent (the "Inventions") in the United States;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency 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, its successors, legal representatives, and assigns, all of ASSIGNOR's right, title, and interest in and to the Patent, including reissues and extensions, the right to claim priority in all member countries, the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, legal representatives, and assigns, as fully and entirely as they would have been held and enjoyed by ASSIGNOR had this Assignment 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, legal representatives, and assigns.

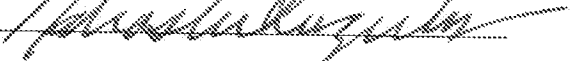
AND ASSIGNOR covenants and agrees that ASSIGNOR has the full right to convey the entire right, title, and interest herein assigned and that ASSIGNOR has not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND ASSIGNOR further covenants and agrees that, upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, except for reasonable out of pocket expenses, ASSIGNOR will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection in the United States for the Inventions, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns, any facts known to ASSIGNOR relating to the Inventions, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the aforesaid inventions in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

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

HITACHI, LTD.

Date: December 21, 2015

By: 

Name: Takashi SUZUKI

Title: Corporate Officer
General Manager
Intellectual Property Division
(Authorized Signing Officer)