

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OSAKA UNIVERSITY	04/18/2012
RECEIVING PARTY DATA	
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
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City:	Toyota-shi, Aichi-ken
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13499652
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ATTORNEY DOCKET NUMBER:	12394/44
NAME OF SUBMITTER:	Matthew G. Kuspa
Total Attachments: 1 source=12394-44_Assignment3#page1.tif	

OP \$40.00 13499652

ASSIGNMENT FOR US PATENT APPLICATIONS AND US PATENTS

WHEREAS, the undersigned corporation, OSAKA UNIVERSITY, a corporation duly organized under the laws of Japan, and having a principal place of business at 1-1, Yamadaoka, Suita-shi, Osaka-fu, 565-0871 Japan (hereinafter referred to as "the Assignor"), is the joint owner of the entire right, title and interest in and to certain new and useful improvements in "SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE, for which PCT patent application was filed on September 2, 2010 to which serial number PCT/JP2010/065013 has been assigned; and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a corporation duly organized under the laws of Japan, and having a principal place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan, (hereinafter referred to as "the Assignee") is the joint owner of the entire right, title and interest in and to said certain new and useful improvements in "SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE", has filed the above PCT patent application jointly with the Assignor, and is desirous of acquiring the entire right, title and interest of the Assignor, in and to US patent applications based on said PCT patent application designating United States of America, and in and to any US Patents to be obtained from said US Patent applications.

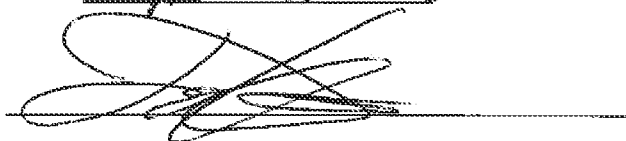
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, does hereby sell, assign, transfer, and set over, unto the Assignee, its successors, and legal representatives, the entire right, title and interest of the Assignor, in and to said US patent applications and in and to said US Patents.

AND the Assignor hereby authorizes the Assignee, its successors, and legal representatives, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

US Patent Application Serial No. 13/499,652 Filing Date March 30, 2012 ;

AND the Assignor hereby requests US patent office to issue any and all said US Patents that may be granted upon any of the above-mentioned applications, in the name of the Assignee, for the sole use and behalf of the Assignee, its successors, and legal representatives.

Date: April 10, 2012



OSAKA UNIVERSITY

Toshio HIRANO, President