

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3313658

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QUN-FENG LIAO	04/14/2015
CHENG-YING KO	04/13/2015
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<b>Postal Code:</b>	138628
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14687832
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	TONG J. LEE
<b>SIGNATURE:</b>	/Tong J. Lee/
<b>DATE SIGNED:</b>	04/16/2015
<b>Total Attachments: 2</b>	
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*Attorney Docket No.: MUSI-14-020US*

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

**Qun-Feng Liao; Cheng-Ying Ko**

hereby sell, assign, and transfer to:

**MediaTek Singapore Pte. Ltd.**

a private limited company of Singapore, having a principal place of business at No. 1 Fusionopolis Walk #03-01 Solaris, Singapore 138628 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

### **OPTIMIZING SHADING PROCESS FOR MIXED ORDER-SENSITIVE AND ORDER- INSENSITIVE SHADER OPERATIONS**

said patent application also identified as follows:

**(I hereby authorize and request my attorney, associated with Customer Number 31484, to insert on the designated lines below, the filing date and application number of said application when known.)**

United States Patent Application Number 14687832 filed on April 15, 2015

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

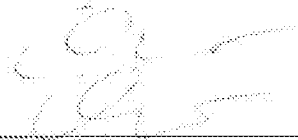
and in and to said United States patent application and all related applications (e.g. provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said United States patent application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and

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improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

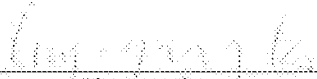
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



\_\_\_\_\_  
Qun-Feng Liao

4/14/2015

\_\_\_\_\_  
(Today's Date)



\_\_\_\_\_  
Cheng-Ying Ko

4/14/2015

\_\_\_\_\_  
(Today's Date)