

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lincan Zou</td> <td>06/06/2013</td> </tr> <tr> <td>Liu Ren</td> <td>06/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lincan Zou	06/06/2013	Liu Ren	06/04/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Robert Bosch GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Postfach 30 02 20</td> </tr> <tr> <td>City:</td> <td>Stuttgart</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>D-70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	D-70442
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13828772</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13828772						
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CORRESPONDENCE DATA											
<p>Fax Number: 3176382139</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 317-638-2922</p> <p>Email: docketing@maginot.com</p> <p>Correspondent Name: Maginot, Moore &amp; Beck LLP</p> <p>Address Line 1: One Indiana Square, Suite 2200</p> <p>Address Line 4: Indianapolis, INDIANA 46204</p>											
ATTORNEY DOCKET NUMBER:	1576-1191										
NAME OF SUBMITTER:	Charles M. Fox										
Signature:	/Charles M. Fox, Reg. No. 61,202/										
Date:	07/19/2013										
<p>Total Attachments: 3</p> <p>source=R347606-RTC1_1576-1191_Assignment#page1.tif</p> <p>source=R347606-RTC1_1576-1191_Assignment#page2.tif</p> <p>source=R347606-RTC1_1576-1191_Assignment#page3.tif</p>											

CH \$40.00 13828772

ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having a mailing address at:

Postfach 30 02 20  
D-70442 Stuttgart  
GERMANY

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

Lincan Zou  
910 W. Remington Drive, 12B  
Sunnyvale, CA 94087

Liu Ren  
21751 Lomita Avenue  
Cupertino, CA 95014

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

(1) in and to an invention entitled "System and Method for Generation of Shadow Effects in Three-Dimensional Graphics" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 13/828,772 filed on March 14, 2013;

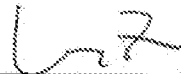
(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

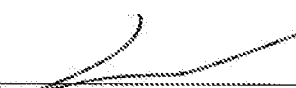
We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date: \_\_\_\_\_

06/06/2013

  
\_\_\_\_\_  
Lincan Zou

Date: 06/04/2013

  
\_\_\_\_\_  
Liu Ren