

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	Confirmatory Assignment										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bingfeng ZHOU</td><td>11/23/2011</td></tr><tr><td>Jie FENG</td><td>11/23/2011</td></tr></tbody></table>		Name	Execution Date	Bingfeng ZHOU	11/23/2011	Jie FENG	11/23/2011				
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Jie FENG	11/23/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Peking University</td></tr><tr><td>Street Address:</td><td>No. 5 Yiheyuan Road,</td></tr><tr><td>City:</td><td>Beijing</td></tr><tr><td>State/Country:</td><td>CHINA</td></tr><tr><td>Postal Code:</td><td>100871</td></tr></table>		Name:	Peking University	Street Address:	No. 5 Yiheyuan Road,	City:	Beijing	State/Country:	CHINA	Postal Code:	100871
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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>12545420</td></tr></tbody></table>		Property Type	Number	Application Number:	12545420						
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Application Number:	12545420										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	David S. Lee										
Total Attachments: 4 source=confirmatory assignment#page1.tif source=confirmatory assignment#page2.tif source=confirmatory assignment#page3.tif source=confirmatory assignment#page4.tif											

OP \$40.00 12545420

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PATENT  
REEL: 027290 FRAME: 0219

### CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Bingfeng ZHOU, having an address of Suite 701, Building #4, \$1 Weigongcun Road, Haidian District, Beijing, 100090, China, and

Jie FENG, having an address of Suite 3-301, Building #26, Zhanchunyuan, Wudaokou, Haidian District, Beijing P.R. China 100083 [(Collectively] **"Assignor"**),

effective as of Nov. 23, 2011, to ensure that the assignment between Assignor and Assignee (as identified below) having an effective date of February 27th 2009 and recorded with the United States Patent and Trademark Office on August 28th, 2009 at Reel/Frame 023159/0910 (the **"Original Assignment"**), is completed, hereby sells, assigns, transfers, and conveys unto Peking University, No. 5 Yiheyuan Road, Beijing, P.R. China 100871 (**"Assignee"**),

all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the **"Rights"**):

1. the inventions disclosed in the solution report/invention disclosure titled An image-based method for realistic lighting simulation and all inventions claimed and/or described in the Application (collectively, the **"Invention"**);
2. the patent applications listed in the table below (the **"Application"**);

<u>Patent Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title</u>
12/545,420	US	August 21, 2009	IMAGE-BASED LIGHTING SIMULATION FOR OBJECTS

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application (**"Potential Patents"**);

4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;

5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (**"Foreign Rights"**), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

6. all rights to claim priority rights deriving from the Application;

7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

This Confirmatory Assignment of Patent Rights (the "Assignment") is made fully effective on the effective date of the Original Assignment, thereby confirming the Assingor(s)'s intent to transfer all of the Rights as of that date.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By:

Bingfeng Zhou

Print name:

Bingfeng ZHOU

**ATTESTATION**

The undersigned witnessed the signature of Bingfeng ZHOU to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Bingfeng ZHOU is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Nov. 23, 2011, to execute this document.
3. Bingfeng ZHOU subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By:

肖旺裕 Xiao Wangyu

Print name:

肖旺裕 Xiao Wangyu

By:

Haoli fan

Print name:

Haoli FAN

By:

Jie Feng

Print name: Jie FENG

**ATTESTATION**

The undersigned witnessed the signature of Jie FENG to this document and makes the following statements:

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