

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>Nathan A. Carr</td><td>06/18/2008</td></tr><tr><td>Aravind Krishnaswamy</td><td>06/18/2008</td></tr><tr><td>Jared M. Johnson</td><td>06/18/2008</td></tr></tbody></table>		Name	Execution Date	Nathan A. Carr	06/18/2008	Aravind Krishnaswamy	06/18/2008	Jared M. Johnson	06/18/2008
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Nathan A. Carr	06/18/2008								
Aravind Krishnaswamy	06/18/2008								
Jared M. Johnson	06/18/2008								
RECEIVING PARTY DATA									
Name:	Adobe Systems Incorporated								
Street Address:	345 Park Avenue								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95110								
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>12142246</td></tr></tbody></table>		Property Type	Number	Application Number:	12142246				
Property Type	Number								
Application Number:	12142246								
CORRESPONDENCE DATA									
Fax Number: (512)853-8801 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 5128538800									
Email: dpoudrier@intprop.com									
Correspondent Name: Robert C. Kowert									
Address Line 1: P.O. Box 398									
Address Line 4: Austin, TEXAS 78767-0398									
ATTORNEY DOCKET NUMBER:	6067-13002/RCK								
NAME OF SUBMITTER:	Robert C. Kowert								
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif									

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REEL: 021121 FRAME: 0236

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Adobe Systems Incorporated (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 345 Park Avenue, San Jose, CA 95110, their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, METHOD AND APPARATUS FOR COMPUTING INDIRECT LIGHTING FOR GLOBAL ILLUMINATION RENDERING IN 3-D COMPUTER GRAPHICS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

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COVENANT AND AGREE that the above is and will be binding on the heirs,
assigns, representatives and successors of the undersigned and extends to the successors,
assigns and nominees of the Assignee.

(Signature) Nathan A. Carr
Name: Nathan A. Carr

Date: 6/18/08

(Signature) Aravind M.
Name: Aravind Krishnaswamy

Date: 6/18/08

(Signature) Jared M. Johnson
Name: Jared M. Johnson

Date: 6/18/08

Robert C. Kowert
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398