

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anant Gilra</td> <td>10/11/2007</td> </tr> <tr> <td>Arun Koormamtharayil</td> <td>10/11/2007</td> </tr> </tbody> </table>		Name	Execution Date	Anant Gilra	10/11/2007	Arun Koormamtharayil	10/11/2007
Name	Execution Date						
Anant Gilra	10/11/2007						
Arun Koormamtharayil	10/11/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Adobe Systems Incorporated						
<b>Street Address:</b>	345 Park Avenue						
<b>City:</b>	San Jose						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	95110-2704						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11973952</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11973952		
Property Type	Number						
Application Number:	11973952						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(336)607-7500						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	336-607-7300						
<b>Email:</b>	deejones@kilpatrickstockton.com						
<b>Correspondent Name:</b>	Kilpatrick Stockton LLP						
<b>Address Line 1:</b>	1001 West Fourth Street						
<b>Address Line 4:</b>	Winston-Salem, NORTH CAROLINA 27101						
<b>NAME OF SUBMITTER:</b>	Carl E. Sanders						
<b>Total Attachments: 4</b> source=AdobeB539Assignment#page1.tif source=AdobeB539Assignment#page2.tif source=AdobeB539Assignment#page3.tif source=AdobeB539Assignment#page4.tif							

OP \$40.00 11973952

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

10-23-2007



103455463

10-11-07

	F	
To the Director of the U.S. Patent and Trademark Office at the address(es) or the new address(es) below.		

<b>1. Name of conveying party(ies)</b> Anant Gilra Arun Koormamtharayil Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Adobe Systems Incorporated</u> Internal Address: _____ Street Address: <u>345 Park Avenue</u> City: <u>San Jose</u> State: <u>CA</u> Country: <u>US</u> Zip: <u>95110-2704</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) October 11, 2007  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Carl E. Sanders  
 Internal Address: Kilpatrick Stockton LLP  
 Street Address: 1001 West Fourth Street  
 City: Winston-Salem  
 State: NC Zip: 27101  
 Phone Number: 336-607-7300  
 Fax Number: 336-734-2629  
 Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 a. Credit Card Last 4 Numbers 2008  
 Expiration Date 08/10  
 b. Deposit Account Number \_\_\_\_\_  
 Authorized User Name \_\_\_\_\_

**9. Signature:** Carl E. Sanders October 11, 2007  
Signature Date

Carl E. Sanders  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN  
PATENT APPLICATION**

Whereas I/we the undersigned inventor(s) have invented certain new and useful innovations as set forth in the patent application entitled

**SYSTEMS AND METHODS FOR THREE-DIMENSIONAL ENHANCEMENT  
OF TWO-DIMENSIONAL IMAGES**

the specification of which is filed at the United States Patent Office herewith and attached hereto.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey, to **Adobe Systems Incorporated**, having a place of business at 345 Park Avenue, San Jose, CA 95110-2704, (hereinafter referred to as "ASSIGNEE"), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, any application based in whole or in part upon the above-referenced patent application, and any application claiming priority to the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application); and (c) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisionals, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.
- 2) Authorize and request the Commissioner of Patents or any other agency, domestic or foreign, to issue any and all Letters or other Patent(s), or other document(s), resulting from patent applications or intellectual property under paragraph 1 (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the ASSIGNEE.
- 3) Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and, entirely at the ASSIGNEE'S expense, perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property under paragraph 1 and/or the enforcement of patents or other rights resulting from such applications or intellectual property.



Assignment of Intellectual Property Rights in Patent  
Application  
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Attorney Docket No: 58083/346612 (B539)

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives, and assigns.

5) Warrant and represent that I/we have not entered, and will not enter into, any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 11<sup>th</sup> Oct 2007  
Typed Name: Anant Gilra
- 2) Signature:  Date: 11<sup>th</sup> OCT 2007  
Typed Name: Arun Koormamtharayil



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 26, 2007

PTAS



\*103455463A\*

CARL E. SANDERS  
KILPATRICK STOCKTON LLP  
1001 WEST FOURTH STREET  
WINSTON-SALEM, NC 27101

UNITED STATES PATENT AND TRADEMARK OFFICE  
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DOCUMENT ID NO.: 103455463

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IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE,  
YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT  
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JEFFREY OLSEN, EXAMINER  
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