PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNIL HADAP	01/08/2008
JORGE MORENO LOPEZ	01/07/2008

RECEIVING PARTY DATA

Name:	ame: ADOBE SYSTEMS INCORPORATED	
Street Address:	345 PARK AVENUE	
City: SAN JOSE		
State/Country:	CALIFORNIA	
Postal Code:	95110-2704	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13314231

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 58083/826251

NAME OF SUBMITTER: Angela M. Rossi

Total Attachments: 3

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> PATENT REEL: 027352 FRAME: 0722

OP \$40.00 13314231

Attorney Docket No: 58083/350011 (B611)

ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

Whereas we the undersigned inventors have invented certain new and useful innovations as set forth in the patent application titled

METHODS AND SYSTEMS FOR ESTIMATING ILLUMINATION SOURCE CHARACTERISTICS FROM A SINGLE IMAGE

the specification of which is attached hereto; and

U.S. Provisional Patent Application No. 61/000,463 titled

METHODS AND SYSTEMS FOR ESTIMATING ILLUMINATION SOURCE CHARACTERISTICS FROM A SINGLE IMAGE

the application of which was filed October 26, 2007; and

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors 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 abovereferenced patent applications, implicitly or explicitly; (b) the above-referenced patent applications, any application based in whole or in part upon one or more of the abovereferenced patent applications, and any application claiming priority to one or more of the above-referenced patent applications (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 abovereferenced 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.

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- 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.
- 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 inventors, as well as the inventor's heirs, legal representatives, and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into, any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1)	Signature: 5.5. Mada (Date: 01/08/08	
	Typed Name: Sunil Hadap		
2)	Signature: Typed Name: Jorge Moreno Lopez	Date:	

Assignment of Intellectual Property Rights in Patent Application Page 2 of 2 Attorney Docket No: 58083/350011 (B611)

- 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.
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1)	Signature:	Date:
,	Typed Name: Sunil Hadap	~
2)	Signature: Typed Name: Jorge Moreno Lopez	Date: 07 - Jan - 2008

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RECORDED: 12/08/2011