__ 11-30-2004

Attorney Docket No. ADBEB023001

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

1-	31-92	102891110	Patent and Trademark Office				
To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.							
l. Mark A			2. Name and address of receiving party(ies): Name:. Adobe Systems, Incorporated Street Address: 345 Park Avenue				
Addition 3.	Nature of conveying party(ies) attached [X] Assignment [] Merger [] Security Agreement [] Change of		City: State: Zip: San Jose, California 95110- 2704 Additional name(s) & address(es) attached? [] Yes [X] No				
Execution	on Date: November 16, 2004						
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 16, 2004							
	A. Patent Application No.(s): Additional numbers attached? [] Yes	[V] No	B. Patent No.(s):				
5.	Name and address of party to whom corres document should be mailed:		6. Total number of applications and patents involved: [1]				
	Name: A. Richard Park Park, Vaughan & Fleming LLP 508 Second Street, Suite 201		7. Total fee (37 CFR 3.41)				
	Davis, CA 95616 Attorney Docket No.: ADBEB023001	01	8. Deposit account number:				
DO NOT USE THIS SPACE							
9.	Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
m . 1	A. Richard Park Name of Person Signing	Signature	November 18, 2004 Date				
Total number of pages including cover sheet, attachments and document: [3]							

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PATENT REEL: 016013 FRAME: 0813

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Mark A. Ruzon

116 Granada Drive, Mountain View, CA 94043-4557

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

USING DIRECTIONAL WEIGHTING FUNCTIONS WHILE COMPUTING OPTICAL FLOW THROUGH BELIEF PROPAGATION

<u>X</u>	On the 16th day of November	,	20 <u>04</u> ;
	Or		
	Said application having Application Number	and filed on	: and

WHEREAS, Adobe Systems, Incorporated a corporation of the State of Delaware, having a place of business at 345 Park Avenue, San Jose, California 95110-2704, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents

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granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

7. 10.	
Mark A. Ruzon	Kuya

16 November 2004

State of)
)
County of)

On III II ala, before me, Angelica m. Debin personally appeared Mark A. Ruzon,

personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

ANGELICA M. DELFIN
Commission # 1338300
Notary Public - California
Santa Clara County
My Comm. Expires Jan 8, 2006

RECORDED: 11/18/2004

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PATENT REEL: 016013 FRAME: 0815