Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yaowu Xu	11/09/2010
Paul Wilkins	11/15/2010
James Bankoski	11/11/2010

RECEIVING PARTY DATA

Name:	Google Inc.	
Street Address:	1600 Amphitheatre Parkway	
City:	Mountain View	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12946578

CORRESPONDENCE DATA

Fax Number: (248)649-3338

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: nthurman@youngbasile.com

Correspondent Name: Young Basile Hanlon & MacFarlane, P.C.

Address Line 1: 3001 West Big Beaver Road

Address Line 2: Suite 624

Address Line 4: Troy, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	GOGL-128-A
NAME OF SUBMITTER:	Nadine N. Mustafa

Total Attachments: 6

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PATENT REEL: 025456 FRAME: 0098 12946578

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PATENT REEL: 025456 FRAME: 0099

ASSIGNMENT AND AGREEMENT

WHEREAS, Yaowu Xu of San Diego, CA; Paul Wilkins of Cambridge, UK and James Bankoski of Wynantskill, NY; (hereinafter referred to as "ASSIGNOR") have invented a certain invention entitled System and Method for Coding Using Improved Motion Estimation as set forth in this United States Patent Application,

executed con	currently herew	/ith	
executed on			
Serial No.	12/946.578	Filed November 15	. 2010

WHEREAS, Google Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, ("ASSIGNEE"), desires to acquire the entire right, title, and interest in and to said invention;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the aboveidentified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings,

whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Young Basile Hanlon & MacFarlane, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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NAMES AND SIGNATURE OF ASSIGNOR			
Name: Yaowu Xu	Signature: Yaoun	24	
Name: Paul Wilkins	Signature:	Date:	
Name: James Bankoski	Signature:	Date:	
	NAME AND SIGNATURE OF WITN	IESS	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
Name:	Signature:	Date:	

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NAMES AND SIGNATURE OF ASSIGNOR			
Name: Yaowu Xu	Signature:	Date:	
Name: Paul Wilkins	Signature: RSVb, S	Date: 15 NOV 2010	
Name: James Bankoski	Signature:	Date:	
	NAME AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:	
Name:	Signature:	Date:	
Name:	Signature:	Date:	

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NAMES AND SIGNATURE OF ASSIGNOR				
Name: Yaowu	Xu	Signature:		Date:
Name: Paul Wi	lkins	Signature:		Date:
Name: James I	Bankoski	Signature:	Jonnes Contabing	Date: 1//1/2000
	NA	ME AND SIGNA	TURE OF WITNESS	
Name:		Signature:		Date;
Name:		Signature:		Date:
Name:		Signature:		Date:

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