

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Wilkins	05/20/2011
Yaowu Xu	05/19/2011
James Bankoski	05/25/2011
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:	13115638
CORRESPONDENCE DATA	
Fax Number:	(248)649-3338
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	kramer@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-145-A
NAME OF SUBMITTER:	Andrew R. Basile, Jr.
Total Attachments: 4 source=GOGL145A_ExecutedAssign#page1.tif source=GOGL145A_ExecutedAssign#page2.tif source=GOGL145A_ExecutedAssign#page3.tif source=GOGL145A_ExecutedAssign#page4.tif	

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**PATENT**  
**REEL: 026351 FRAME: 0678**

ASSIGNMENT AND AGREEMENT

WHEREAS, Paul Wilkins of Milton, Cambridge UK; Yaowu Xu of San Diego, CA; and James Bankoski of Wynantskill, NY; (hereinafter referred to as "ASSIGNORS") have invented a certain invention entitled **METHOD AND APPARATUS FOR USING SEGMENTATION-BASED CODING OF PREDICTION INFORMATION** as set forth in this United States Patent Application,

☐ executed concurrently herewith  
☐ executed on  
■ Serial No. 13/115,638 Filed May 25, 2011

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, ASSIGNORS have 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 above-identified 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 ASSIGNORS had this Assignment not been made.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST 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.

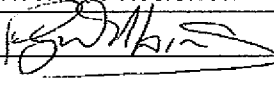
ASSIGNORS HEREBY AGREE (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNORS respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, 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.

ASSIGNORS HEREBY REPRESENT AND WARRANT that ASSIGNORS have the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNORS have not executed and will not execute any document or instrument in conflict herewith.

ASSIGNORS HEREBY GRANT 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.

ASSIGNORS UNDERSTAND AND AGREE that the attorneys and agents of the law firm of Young Basile Hanlon & MacFarlane, P.C. do not personally represent ASSIGNORS or ASSIGNORS' legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNORS with respect to this Assignment, ASSIGNORS acknowledge their rights to seek their own independent legal counsel.

NAMES AND SIGNATURE OF ASSIGNOR		
Name: Paul Wilkins	Signature: 	Date: 20/5/2011
Name: Yaowu Xu	Signature:	Date:
Name: James Bankoski	Signature:	Date:
NAME AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

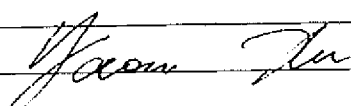
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NAMES AND SIGNATURE OF ASSIGNOR		
Name: Paul Wilkins	Signature:	Date:
Name: Yaowu Xu	Signature: 	Date: 5/19/11
Name: James Bankoski	Signature:	Date:
NAME AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

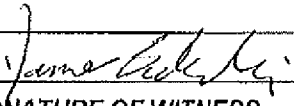
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NAMES AND SIGNATURE OF ASSIGNOR		
Name: Paul Wilkins	Signature:	Date:
Name: Yaowu Xu	Signature:	Date:
Name: James Bankoski	Signature: 	Date: 5/23/2011
NAME AND SIGNATURE OF WITNESS		
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

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