504571366 09/28/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
MARK LUCOVSKY			05/19/2006			
DEREK L. COLLISON	05/20/2006					
CARL P. SJOGREEN	07/17/2006					
RECEIVING PARTY	ΟΑΤΑ					
Name:	GOOGL	GOOGLE INC.				
Street Address:	1600 AN	AMPHITHEATRE PARKWAY				
City:	MOUNT	MOUNTAIN VIEW				
State/Country:	CALIFC	RNIA				
Postal Code:	94043					
Property Type		Number 12909719				
Application Number: 12		12909719				
Application Number.						
CORRESPONDENCE						
CORRESPONDENCE Fax Number:	E DATA	(502)561-0442				
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> PATENT REEL: 043730 FRAME: 0860

ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by <u>Mark Lucovsky</u>, <u>Derek L. Collison</u> and <u>Carl P. Sjogreen</u> residing at <u>Montecito</u>, Foster City, and <u>San Francisco</u>, <u>California</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in User Distributed Search Results set forth in an application for Letters Patent of the United States,

- which is a provisional application (1)
 - (a)
- filed herewith; or bearing Application No., and filed on; or (b)
- (2)which is a non-provisional application
 - (a) having an oath or declaration executed on even date herewith prior to filing of application:
 - bearing Application No., and filed on (b)
 - : or
 - S filed herewith; and (c)

WHEREAS, <u>Google Inc.</u>, a corporation of the state of Delaware, having its principal place of business at 1600 Amphitheatre Parkway, Building 41, Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right; title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignce, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications claiming priority to said applications, including divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee. its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

Joint Assignment Attorney's Docket No.:0026-0213CIP2

Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns:

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Mark Lucovsky

Date: 5/19/2006

Witness Name

Witness Signature

Derek L. Collison

Date: ____

Witness Name

Witness Signature

Carl P. Sjogreen

Date: _____

Witness Signature

Witness Name

Attorney's Docket No. 0026-0213CIP2

ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by <u>Mark Lucovsky, Derck L. Collissm</u> and <u>Carl P. Slogreen</u> residing at <u>Montecito, Foster City</u> and <u>San Francisco, California</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in <u>User Distributed</u> <u>Search Results</u> set forth in an upplication for Letters Patent of the United States,

(I)	which	is a pro	visional	application

(a) filed herewith; or

(b) bearing Application No., and filed on; or

(2) 🛛 which is a non-provisional application

- (a) [having an oath or declaration executed on even date herewith prior to filing of application;
- (b) bearing Application No., and filed on
- (c) \bigotimes filed herewith; and

WHEREAS. <u>Google Inc.</u>, a corporation of the state of Delaware, having its principal place of business at 1600 Amphitheatre Barkway, Building 41. Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Fatent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Fatence, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assign the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and hehalf of its successors, legal fully ad entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are the manner herein set forth;

AND for the sume consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assigners will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

> PATENT REEL: 043730 FRAME: 0863

Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Mark Lucovsky		Witness Name	
Datc:		Witness Signature	
Derek L. Collison		<u>Mavga (24 A . Cr</u> Witness ¹ Name	ollison
Date: 5/20/06		Witness Signature	<u>on 5kolar</u>
Carl P. Sjogreen		Witness Name	
Date:		Witness Signature	
	- 2 -		
		REEL: (PATENT 043730 FRAME: 0864

Attorney's Docket No. 0026-0213CIP2

ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by Mark Lucovsky, Derek L. Collison and Carl P. Siogreen residing at Montecito, Foster City, and San Francisco, California (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in User Distributed Search Results set forth in an application for Letters Patent of the United States,

- (1)which is a provisional application
 - (a)
- filed herewith; or bearing Application No., and filed on; or **(b)**
- (2)which is a non-provisional application
 - having an oath or declaration executed on even date herewith prior to filing of (a) application; X bearing Application No. <u>11/420.966</u>, and filed on <u>May 30. 2006</u>
 - (b)
 - (c) filed herewith; and

: or

WHEREAS, <u>Google Inc.</u>, a corporation of the state of Delaware, having its principal place of business at 1600 Amphitheatre Parkway, Building 41, Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications claiming priority to said applications, including divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

Joint Assignment Attorney's Docker No.:0026-0213CIP2

Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Mark Lucovsky

Witness Name

Date:

Witness Signature

Derek L. Collison

Witness Name

Date: _____

Carl P. Sjogreen

Witness Signature

Breen Havan Witness Name

Witness Signature