That That the state of the stat			Attorney's Docket No. 002
To the Honorable Commissioner thereof.	103106	519	attached original document(s) or co
Name of conveying party(ies):     Sanjay GHEMAWAT; John PISCITONG and Matt CUTSS		2. Name and Name: Go	address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?  Yes No		Address: 1600 Amphitheatre Parkway Building 41 Mountain View, California 94043  Additional name(s) & address(es) attached?  Yes No	
3. Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other:  Execution Date: September 15 and 19, 2005; and October 5, 2005			
4. Application number(s) or patent num	nber(s):		
If this document is being filed togeth	ner with a new applica	ation, the exec	ution date of the application is:
A. Patent Application No.(s) 11/208,005		B. Patent No.(s)	
	ditional numbers attac		
5. Name and address of party to whom correspondence should be mailed:		6. Total number of applications and patents involved:	
		7. Total fee (37 CFR 3.41): \$40.00	
Name: Paul A. Harrity			
Address: HARRITY & SNYDER, L.L.P. 11240 Waples Mill Road Suite 300		Autho necess	rization to be charged to deposit account sary.
Fairfax, Virginia 22030	-	8 Denosit ac	count number:
CUSTOMER NUMBER: 44989		50-1070	
	DO NOT USE	E THIS SDAC	F
9. Statement and signature.	DO NOT USE	- 1116 51 AC	
	the foregoing inform	ation is true a	nd correct and any attached copy is a tri
Paul A. Harrity Name of Person Signing Reg. No. 39	9,574 Signature		October 20, 20 Date
Total number of pages including cover:	sheet, attachments, an	nd document:	<u>5</u>

PATENT REEL: 017112 FRAME: 0264

Attorney's Docket No. 0026-0169

## ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by Sanjay GHEMAWAT: John PISCITELLO: Simon TONG and Matt CUTTS residing at 111 North Rengstorff Avenue, #164, Mountain View, California 94043: 480 Valley Street, San Francisco, California 94131: 541 Del Medio Avenue, Apt. 319, Mountain View, California 94040 and 116 Hilary Avenue, Mountain View, California 94040 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

DOCUMENT		EAS, the Assignors have invented certain new and useful improvements in <u>REMOVING</u> th in an application for Letters Patent of the United States,
	(1)	which is a provisional 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) pearing Application No. 11/208.005, and filed on August 22, 2005; or  (c) filed herewith; and

WHEREAS, Google Inc., 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

PATENT REEL: 017112 FRAME: 0265

Date: 9/19/2005

Joint Assignment U.S. Serial No. 11/208,005 Attorney's Docket No. 0026-0169

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.

BENEDICT GOWES

Sanjay GREMAWAT

Date: 9/15/2005

Witness Name

Witness Signature

Witness Signature

Witness Signature

Date: 15/2005

Witness Signature

Witness Signature

Witness Signature

David Stantamine

Witness Signature

Date: 9/15/2005

Witness Signature

Witness Signature

Witness Signature

## ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by Sanjay GHEMAWAT; John PISCITELLO; Simon TONG and Matt CUTTS residing at 111 North Rengstorff Avenue, #164, Mountain View, California 94043; 480 Valley Street, San Francisco, California 94131; 541 Del Medio Avenue, Apt. 319, Mountain View, California 94040 and 116 Hilary Avenue, Mountain View, California 94040 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHER DOCUMENTS set fo	EAS, the Assignors have invented certain new and useful improvements in <u>REMOVING</u> orth in an application for Letters Patent of the United States,
. (1)	which is a provisional 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. 11/208,005, and filed on August 22, 2005; or filed herewith; and

WHEREAS, Google Inc., 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

PATENT REEL: 017112 FRAME: 0267

Joint Assignment U.S. Serial No. 11/208,005 Attorney's Docket No. 0026-0169

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.

Sanjay GHEMAWAT	Witness Name
Date:	Witness Signature
John PISCITECLO	Matt Cutte Witness Name
Date: 16/5/05	Witness Signature
Simon TONG	Witness Name
Date:	Witness Signature
Matt CUTTS	Witness Name
Date:	Witness Signature

**RECORDED: 10/20/2005**