

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Anwis Das</td><td>10/15/2010</td></tr><tr><td>Abhinandan S. Das</td><td>10/15/2010</td></tr></tbody></table>	Name	Execution Date	Anwis Das	10/15/2010	Abhinandan S. Das	10/15/2010	
Name	Execution Date						
Anwis Das	10/15/2010						
Abhinandan S. Das	10/15/2010						
RECEIVING PARTY DATA							
Name:	Google Inc.						
Street Address:	1600 Amphitheatre Parkway						
City:	Mountain View						
State/Country:	CALIFORNIA						
Postal Code:	94043						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12847510</td></tr></tbody></table>	Property Type	Number	Application Number:	12847510			
Property Type	Number						
Application Number:	12847510						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	16113-2471001						
NAME OF SUBMITTER:	Wanda Kellar						
Total Attachments: 2 source=16113-2471001-assign#page1.tif source=16113-2471001-assign#page2.tif							

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PATENT
REEL: 025151 FRAME: 0366

ASSIGNMENT

For valuable consideration, I/we ,
ANWIS DAS of 970 Corte Madera Dr #713, Sunnyvale, CA 94085,
ABHINANDAN S. DAS of 555 E. Washington Avenue, Apt. 1707, Sunnyvale, CA 94086,
hereby assign to:

Google Inc., a corporation of the State of Delaware having a place of business at:
1600 Amphitheatre Parkway
Mountain View, California 94043; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me,/us, entitled GENERATING QUERY REFINEMENTS USING QUERY COMPONENTS, filed 7/30/2010, and assigned U.S. Serial Number 12/847,510, and I/we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I/we authorize the Assignee to apply in all countries in my/our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I/we agree for me/ourselves and my/our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

ANWIS DAS
ANWIS DAS

Witnessed by:

Adam Westall
Signature

Date: 10/15/2010

Adam Westall
Typed or Printed Name

1600 Amphitheater Parkway
Mountain View, CA 94043
Witness Address

ABHINANDAN S. DAS
ABHINANDAN S. DAS

Witnessed by:

Kelly Li Poon
Signature

Date: 10/15/2010

Kelly Poon
Typed or Printed Name

2002 W Middlefield Rd
Mountain View, CA
Witness Address

11100687