

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Carroll Philip Gossett</td> <td>09/29/2009</td> </tr> <tr> <td>Yuan Yuan</td> <td>09/28/2009</td> </tr> <tr> <td>Kevin C. Yu</td> <td>09/28/2009</td> </tr> <tr> <td>Emmanouil Koukoumidis</td> <td>09/29/2009</td> </tr> <tr> <td>Xiaofang Jiang</td> <td>09/01/2009</td> </tr> <tr> <td>Michial Allen Gunter</td> <td>09/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Carroll Philip Gossett	09/29/2009	Yuan Yuan	09/28/2009	Kevin C. Yu	09/28/2009	Emmanouil Koukoumidis	09/29/2009	Xiaofang Jiang	09/01/2009	Michial Allen Gunter	09/28/2009
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<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Google, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1600 Amphitheatre Parkway</td> </tr> <tr> <td><b>City:</b></td> <td>Mountain View</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>94043</td> </tr> </table>		<b>Name:</b>	Google, Inc.	<b>Street Address:</b>	1600 Amphitheatre Parkway	<b>City:</b>	Mountain View	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94043				
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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<p><b>Fax Number:</b> (877)769-7945</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 612-335-5070</p> <p><b>Email:</b> bogema@fr.com</p> <p><b>Correspondent Name:</b> Fish &amp; Richardson, P.C.</p> <p><b>Address Line 1:</b> 60 South Sixth Street</p> <p><b>Address Line 2:</b> 3200 RBC Plaza</p> <p><b>Address Line 4:</b> Minneapolis, MINNESOTA 55402</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	16113-1553001														

CH \$40.00 12570741

**501000699**

**PATENT**  
**REEL: 023439 FRAME: 0489**

NAME OF SUBMITTER:

John A. Dragseth, Reg. No. 42,497

**Total Attachments: 12**

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ASSIGNMENT

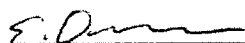
For valuable consideration, we, CARROLL PHILIP GOSSETT of 1169 Burgoyne Drive Mountain View, CA 94043, YUAN YUAN of 1035 Aster Avenue #2174 Sunnyvale, CA 94086, KEVIN C. YU of 661 East Meadow Drive Palo Alto, CA 94306, EMMANOUIL KOUKOUMIDIS of Nikomidias 6c Kryoneri 14568 Athens, Greece, XIAOFANG JIANG of 1736 Saddlebrook Drive Montgomery, AL 36110, MICHIAL ALLEN GUNTER of 2 Bell Waver Way Oakland, CA 94619, hereby assign to: Google Inc., a corporation 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 us, entitled DYNAMIC TDMA SYSTEM FOR TV WHITE SPACE MIMO WIRELESS, filed September 30, 2009, and assigned U.S. Serial Number 12/570,741, and 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 we authorize the Assignee to apply in all countries in 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 we agree for ourselves and 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.

  
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CARROLL PHILIP GOSSETT

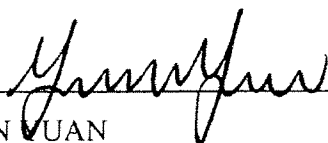
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Signature


Date: 9/29/09

E. Daniel McCloskey  
Typed or Printed Name

2026 Heather Glen Dr  
San Jose, CA 95130  
Witness Address

  
\_\_\_\_\_  
YUAN YUAN

Witnessed by:

  
\_\_\_\_\_  
Signature

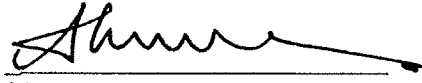
Date: 9/28/2009

GUANGYU ZHAI  
Typed or Printed Name

Apt 2174, 1035 Aster Ave  
Sunnyvale, CA 94086  
Witness Address

  
\_\_\_\_\_  
KEVIN C. YU

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 9/28/09

ABHISHEK KUMAR  
\_\_\_\_\_  
Typed or Printed Name

1271 LAKESIDE DR 2119  
SUNNYVALE, CA 94085  
\_\_\_\_\_  
Witness Address

\_\_\_\_\_  
EMMANOUIL KOUKOUMIDIS

Witnessed by:

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Typed or Printed Name

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Witness Address

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XIAOFANG JIANG

Witnessed by:

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Signature

Date: \_\_\_\_\_

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MICHIAL ALLEN GUNTER

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CARROLL PHILIP GOSSETT

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Signature

Date: \_\_\_\_\_

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Typed or Printed Name

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Witness Address

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YUAN YUAN

Witnessed by:

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Signature

Date: \_\_\_\_\_

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Typed or Printed Name

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Witness Address



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KEVIN C. YU

Witnessed by:

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Date: \_\_\_\_\_

\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address

  
\_\_\_\_\_  
EMMANOUIL KOUKOU MIDIS

Witnessed by:

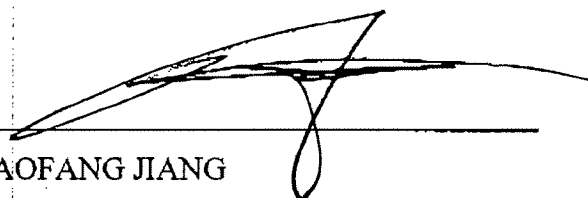
  
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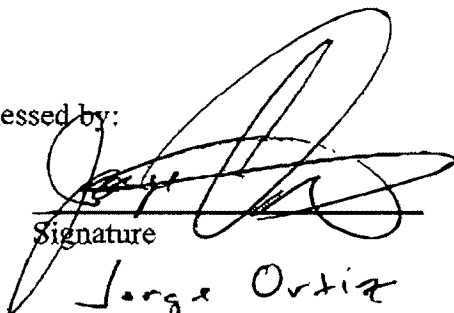
KEVIN KO  
\_\_\_\_\_  
Typed or Printed Name

1258 COMMONWEALTH AVE APT 10  
ALLSTON MA 02134  
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Witness Address

Attorney's Docket No.: 16113-1553001

  
XIAOFANG JIANG

Witnessed by:

  
Signature

Typed or Printed Name

1525 Solano Ave, Apt #113  
Berkeley, CA 94707.  
Witness Address

Date: 9/1/09

\_\_\_\_\_  
MICHAEL ALLEN GUNTER

Witnessed by:

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Signature

\_\_\_\_\_  
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CARROLL PHILIP GOSSETT

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Date: \_\_\_\_\_

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\_\_\_\_\_  
YUAN YUAN

Witnessed by:

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
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Witness Address

\_\_\_\_\_  
KEVIN C. YU

Witnessed by:

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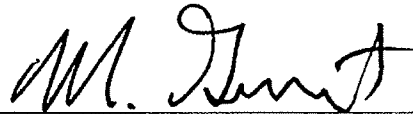
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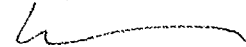
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\_\_\_\_\_  
MICHIAL ALLEN GUNTER

Witnessed by:



\_\_\_\_\_  
Signature

Date: 9/28/09

Charles Ross

\_\_\_\_\_  
Typed or Printed Name

49 Showers Dr. # 5-218

Marina, CA 94040

\_\_\_\_\_  
Witness Address

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