

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4693498

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAME XIAOFANG JIANG SHOULD BE XIAOFAN JIANG previously recorded on Reel 023439 Frame 0489. Assignor(s) hereby confirms the ASSIGNMENT TO GOOGLE INC.
CONVEYING PARTY DATA	
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
XIAOFAN JIANG	11/16/2017
Michial Allen Gunter	09/29/2009
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:	12570741
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(202) 626-6367
Email:	apsi@fr.com
Correspondent Name:	NICHOLAS JEPSEN
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	16113-1553001
NAME OF SUBMITTER:	LORI L. STEWART
SIGNATURE:	/Lori L. Stewart/

PATENT

DATE SIGNED:	11/16/2017
Total Attachments: 8 source=Corrected Assignment Confirmaton#page1.tif source=Corrected Assignment Confirmaton#page2.tif source=Corrected Assignment Confirmaton#page3.tif source=Corrected Assignment Confirmaton#page4.tif source=Corrected Assignment Confirmaton#page5.tif source=Corrected Assignment Confirmaton#page6.tif source=Corrected Assignment Confirmaton#page7.tif source=Corrected Assignment Confirmaton#page8.tif	

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

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 Xiofan Jiang	09/01/2009
Michial Allen Gunter	09/28/2009

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:	12570741

CORRESPONDENCE DATA

Fax Number: (877)769-7945
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 612-335-5070
Email: bogema@fr.com
Correspondent Name: Fish & Richardson, P.C.
Address Line 1: 60 South Sixth Street
Address Line 2: 3200 RBC Plaza
Address Line 4: Minneapolis, MINNESOTA 55402

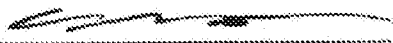
ATTORNEY DOCKET NUMBER:	16113-1553001
NAME OF SUBMITTER:	John A. Dragseth, Reg. No. 42,497
Signature:	/John A. Dragseth, Reg. No. 42,497/
Date:	10/28/2009
Total Attachments: 12 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif source=assignment#page6.tif source=assignment#page7.tif source=assignment#page8.tif source=assignment#page9.tif source=assignment#page10.tif source=assignment#page11.tif source=assignment#page12.tif	
RECEIPT INFORMATION EPAS ID: PAT1020757 Receipt Date: 10/28/2009 Fee Amount: \$40	

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, XIAOPANG 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 X.J. initials 11/16/2017 date 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.


CARROLL PHILIP GOSSETT

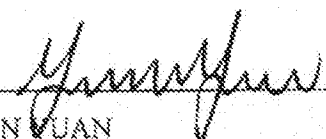
Witnessed by:


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:

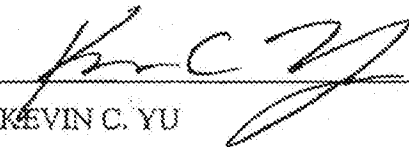

Signature

Date: 9/28/2009

GUANGYU ZHAI
Typed or Printed Name

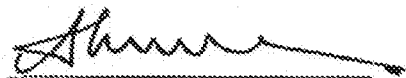
Apt 2174, 1035 Aster Ave
Sunnyvale, CA 94086
Witness Address

Attorney's Docket No.: 16113-1553001



KEVIN C. YU

Witnessed by:



Signature

Date: 9/28/09

ABHISHEK KUMAR

Typed or Printed Name

1271 LAKE SIDE DR 2119
SUNNYVALE, CA 94085

Witness Address

EMMANOUIL KOUKOUMIDIS

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address

KEVIN C. YU

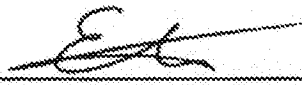
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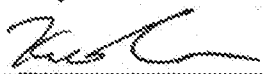
Typed or Printed Name

Witness Address



EMMANOUIL KOUKOU MIDIS

Witnessed by:



Signature

Date: 09/09/09

KEVIN KO

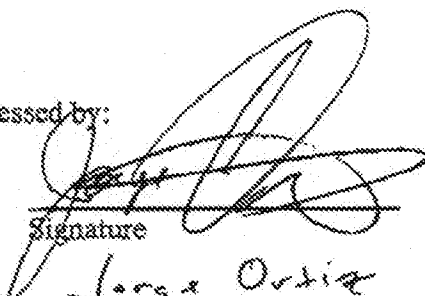
Typed or Printed Name

1258 COMMONWEALTH AVE APT 10
ALLSTON MA 02134

Witness Address

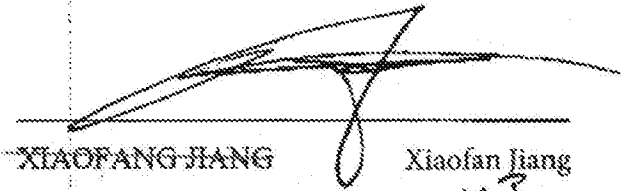
Attorney's Docket No.: 16113-1553001

Witnessed by:


Signature

Jorge Ortiz
Typed or Printed Name

1525 Soledad Ave, Apt #1B
Berkeley, CA 94707
Witness Address


XIAOFANG JIANG

Xiaofan Jiang

X.F. initials

11/16/2017
date

Date: 9/1/07

MICHIAL ALLEN GUNTER

Witnessed by:

Signature

Typed or Printed Name

Witness Address

Date: _____

60592636.doc

XIAOFANG JIANG

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address



MICHIAL ALLEN GUNTER

Witnessed by:



Signature

Date: 9/28/09

Charles Ross
Typed or Printed Name

49 Shores Dr. # 5-218
Mt. View, CA 94040
Witness Address

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