

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3447636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yuan Yuan	02/14/2011
Shuyi Chen	01/28/2011
C. Philip Gossett	02/14/2011
Jeremy Thorpe	02/14/2011
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:	14728090
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:	(612) 337-2522
Email:	apsi@fr.com
Correspondent Name:	ANDREW DOMMER
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	16113-2666004
NAME OF SUBMITTER:	ABBY REMER
SIGNATURE:	/Abby Remer/
DATE SIGNED:	07/21/2015
Total Attachments: 4	
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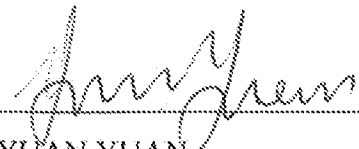
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ASSIGNMENT

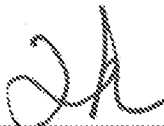
For valuable consideration, we, YUAN YUAN of 1035 Aster Avenue #2174 Sunnyvale, CA, 94086, SHUYI CHEN of 1009 W. Main Sreet, #31 Urbana, IL 61801, C. PHILIP GOSSETT of 1169 Burgoyne Street Mountain View, CA 94043, JEREMY THORPE of 356 Fernando Avenue Palo Alto, CA 94306, hereby assign to: Google Inc., 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 RATE ADAPTATION IN A COMMUNICATION SYSTEM, filed February 23, 2011, and assigned U.S. Serial Number 13/033,356, 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.


YUAN YUAN

Witnessed by:


Signature

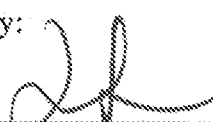
Date: Feb. 14 2011

Guangyu Zhu
Typed or Printed Name

1035 Aster Ave, Apt 2174
Sunnyvale, CA 94088
Witness Address

SHUYI CHEN

Witnessed by:


Signature

Date:

Guangyu Zhu
Typed or Printed Name

1035 Aster Ave, Apt 2174
Sunnyvale CA 94086
Witness Address

YUAN YUAN

Witnessed by:

Signature

Date: _____

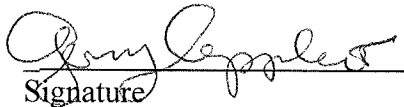
Typed or Printed Name

Witness Address



SHUYI CHEN

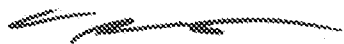
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Signature


Date: Jan. 28, 2011

Jenny Applegquist
Typed or Printed Name

1709 Gentry Square Lane Apt 202
Champaign IL 61821
Witness Address


C. PHILIP GOSSETT


Witnessed by:


Signature

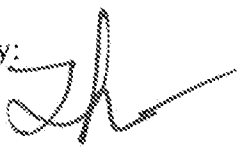
Date: 2/14/11

Mike Gunter
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2 Bell Waver ldy
Oakland, CA, 94619
Witness Address


JEREMY THORPE

Witnessed by:


Signature

Date: 2/14/11

Guangyu Zhu
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