

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3443916

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNED PATENT NUMBER OF 6,154,483, ERRONEOUSLY LISTED AS 6,155,483 previously recorded on Reel 027379 Frame 0113. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
GOLDEN BRIDGE TECHNOLOGY, INC.	11/15/2011

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 66**

Property Type	Number
Patent Number:	5627855
Patent Number:	5640425
Patent Number:	5715276
Patent Number:	5719898
Patent Number:	5742637
Patent Number:	5764691
Patent Number:	5802102
Patent Number:	5862133
Patent Number:	5864578
Patent Number:	5872808
Patent Number:	5894494
Patent Number:	5933447
Patent Number:	5956369
Patent Number:	5956375
Patent Number:	5963583
Patent Number:	5999562
Patent Number:	6014405
Patent Number:	6021157

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	6041073
Patent Number:	6061359
Patent Number:	6078576
Patent Number:	6108327
Patent Number:	6122328
Patent Number:	6130906
Patent Number:	6160803
Patent Number:	6212244
Patent Number:	6215811
Patent Number:	6262971
Patent Number:	6304592
Patent Number:	6324207
Patent Number:	6324209
Patent Number:	6324210
Patent Number:	6349110
Patent Number:	6389056
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Patent Number:	6480525
Patent Number:	6507601
Patent Number:	6515981
Patent Number:	6587452
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Patent Number:	6631157
Patent Number:	6639936
Patent Number:	6643318
Patent Number:	6714586
Patent Number:	6741637
Patent Number:	6757319
Patent Number:	6801569
Patent Number:	6842480
Patent Number:	6843597
Patent Number:	6894997
Patent Number:	6937641
Patent Number:	6940841
Patent Number:	6983012
Patent Number:	6993065
Patent Number:	6996155

Property Type	Number
Patent Number:	7012907
Patent Number:	7020184
Patent Number:	7046717
Patent Number:	7075971
Patent Number:	7099346
Patent Number:	7301988
Patent Number:	7436801
Patent Number:	7869404
Application Number:	11976958
Patent Number:	6154483

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**NAME OF SUBMITTER:** LAURA R. DREMBUS

**SIGNATURE:** /Laura R. Drembus/

**DATE SIGNED:** 07/17/2015

**Total Attachments: 9**

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Golden Bridge Technology	11/15/2011

**RECEIVING PARTY DATA**

Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

**PROPERTY NUMBERS Total: 66**

Property Type	Number
Application Number:	11976958
Patent Number:	7869404
Patent Number:	7436801
Patent Number:	7301988
Patent Number:	7099346
Patent Number:	7075971
Patent Number:	7046717
Patent Number:	7020184
Patent Number:	7012907
Patent Number:	6996155
Patent Number:	6993065
Patent Number:	6983012
Patent Number:	6937641
Patent Number:	6894997
Patent Number:	6940841

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**PATENT**  
 REEL: 027379 FRAME: 0108

**PATENT**  
 REEL: 036131 FRAME: 0157

Patent Number:	6843597
Patent Number:	6842480
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Patent Number:	6714586
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Patent Number:	6639936
Patent Number:	6631157
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Patent Number:	6587452
Patent Number:	6515981
Patent Number:	6507601
Patent Number:	6480525
Patent Number:	6400757
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Patent Number:	5764691
Patent Number:	5742637
Patent Number:	5719898
Patent Number:	5715276
Patent Number:	5640425
Patent Number:	5627855

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ATTORNEY DOCKET NUMBER:	GOOGLE
NAME OF SUBMITTER:	Seth H. Ostrow

Total Attachments: 6  
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EXHIBIT C

ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is executed, acknowledged and delivered by Golden Bridge Technology, a New Jersey company, with its principal place of business at 198 Brighton Avenue, Long Branch, NJ 07740 ("Assignor"), in accordance with, and pursuant to the terms and conditions of the Patent Purchase Agreement having an Effective Date of November 4, 2011 (the "Agreement") between Assignor, as Seller and Google Inc., a Delaware corporation, with its principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("Assignee"). Capitalized terms used herein and not expressly defined shall have the meaning ascribed to such terms in the Agreement.

"Listed Patents" means the provisional patent applications, patent applications, and patents listed on Exhibit A of the Agreement.

"Patents" means, all (a) Listed Patents; (b) process or patent applications (i) to which any of the Listed Patents claims priority, (ii) for which any of the Listed Patents forms a basis for priority, (iii) that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Listed Patents, and/or (iv) which are subject to a terminal disclaimer with any of the Listed Patents; (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (d) national (of any country of origin) and multinational patents, patent applications and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models; and (e) any items in any of the foregoing categories (b) through (d) whether or not expressly listed as Listed Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like; provided that, notwithstanding the foregoing, in no event shall Patents include any Excluded Patents.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to causes of action and enforcement rights for the Patents including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patents; and (iii) to apply in any and all countries for the world for patents, certificates of invention or other governmental grants for the Patents. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Agreement. In the event of any conflict between the terms of this Assignment and those of the Agreement, the terms of the Agreement shall be controlling.

PPA-20110307

3P-400-1693-US

This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of this 15th day of November.

ASSIGNOR:

By: Bernard T. Marren  
Name: Bernard T. Marren  
Title: Board of Directors

NOTARIZATION MUST BE ON THIS PAGE

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

(Notarial Seal)

Signature: \_\_\_\_\_  
Notary Public

State of California, County of Santa Clara  
Subscribed and sworn to (or affirmed) before me  
on this 15 day of NOV, 2011  
by BERNARD T. MARREN  
personally known to me or proved to me on the  
basis of satisfactory evidence to be the person(s)  
who appeared before me.  
Signature: [Signature]

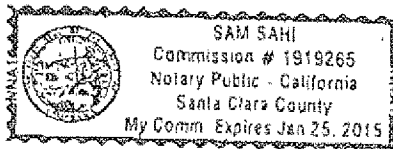




EXHIBIT A  
LISTED PATENTS

Patent No.	Application No.	Country	Title
5627855*	08/450,312	US	PROGRAMMABLE TWO-PART MATCHED FILTER FOR SPREAD SPECTRUM
5640425*	08/578,422	US	FAST-ACTING COSTAS LOOP
5715276	08/701,440	US	SYMBOL-MATCHED FILTER HAVING A LOW SILICON AND POWER REQUIREMENT
5719898*	08/536,749	US	FUZZY-LOGIC SPREAD-SPECTRUM ADAPTIVE POWER CONTROL
5742637	08/700,012	US	FAST PHASE ESTIMATION IN DIGITAL COMMUNICATION SYSTEMS
5764691	08/596,037	US	INTELLIGENT POWER MANAGEMENT FOR A PROGRAMMABLE MATCHED FILTER
5802102*	08/821,003	US	PROGRAMMABLE TWO-PART MATCHED FILTER FOR SPREAD SPECTRUM
5862133*	08/692,782	US	PACKET-SWITCHED SPREAD-SPECTRUM SYSTEM
5864578*	08/638,394	US	MATCHED FILTER-BASED HANDOFF METHOD AND APPARATUS
5872808*	08/564,007	US	APPARATUS AND METHOD FOR SYNCHRONIZATION OF DIRECT SEQUENCE CDMA SIGNALS
5894494*	08/958,785	US	PARALLEL CORRELATOR ARCHITECTURE FOR SYNCHRONIZING DIRECT SEQUENCE SPREAD SPECTRUM SIGNAL
5933447	09/005,070	US	SYMBOL-MATCHED FILTER HAVING A LOW SILICON AND POWER REQUIREMENT
5956369	08/806,013	US	SPREAD SPECTRUM MULTIPATH COMBINING SUBSYSTEM AND METHOD
5956375	08/873,253	US	FAST-ACTING COSTAS LOOP
5963583*	09/007,026	US	FUZZY-LOGIC SPREAD-SPECTRUM ADAPTIVE POWER CONTROL

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Patent No.	Application No.	Country	Title
5999562	09/090,834	US	INTELLIGENT POWER MANAGEMENT FOR A PROGRAMMABLE MATCHED FILTER
6014405	08/957,733	US	SPREAD SPECTRUM MULTIPATH RECEIVER WITHOUT A TRACKING LOOP
6021157	09/016,324	US	FAST PHASE ESTIMATION IN DIGITAL COMMUNICATION SYSTEMS
6041073	09/157,300	US	MULTI-CLOCK MATCHED FILTER FOR RECEIVING SIGNALS WITH MULTIPATH
6061359	08/969,343	US	INCREASED CAPACITY PACKET-SWITCHED SPREAD-SPECTRUM SYSTEM
6078576	09/018,657	US	A HIGH PROCESSING GAIN CDMA/TDMA SYSTEM AND METHOD
6108327	09/016,970	US	ORTHOGONAL SPREAD SPECTRUM SYSTEM
6122328	09/344,085	US	FAST-ACTING COSTAS LOOP
6130906	09/083,193	US	PARALLEL CODE MATCHED FILTER
6154483	08/842,527	US	COHERENT DETECTION USING MATCHED FILTER ENHANCED SPREAD SPECTRUM DEMODULATION
6160803	09/005,926	US	HIGH PROCESSING GAIN TDMA SYSTEM AND METHOD
6212244	09/005,071	US	FAST RESPONSE AUTOMATIC GAIN CONTROL
6215811*	09/181,724	US	A STORE AND DUMP, SPREAD-SPECTRUM HANDOFF
6262971*	09/182,316	US	MULTICHANNEL SPREAD-SPECTRUM PACKET
6304592*	09/605,508	US	COHERENT DETECTION USING MATCHED FILTER ENHANCED SPREAD SPECTRUM DEMODULATION
6324207	09/273,507	US	HANDOFF-WITH CLOSED-LOOP POWER CONTROL
6324209*	09/570,393	US	MULTI-CHANNEL SPREAD SPECTRUM SYSTEM

Patent No.	Application No.	Country	Title
6324210*	09/668,743	US	SLIDING MATCHED FILTER WITH FLEXIBLE HARDWARE COMPLEXITY
6349110	09/296,508	US	SPREAD SPECTRUM MULTIPATH COMBINING SUBSYSTEM AND METHOD
6389056*	09/275,010	US	PRE-DATA POWER CONTROL COMMON PACKET CHANNEL
6393049	09/182,054	US	TWO-STAGE SYNCHRONIZATION OF SPREAD-SPECTRUM SIGNALS
6400757*	09/496,352	US	SYMBOL-MATCHED FILTER HAVING A LOW SILICON AND POWER REQUIREMENT
6480525*	09/722,688	US	SECOND LEVEL COLLISION RESOLUTION FOR PACKET DATA COMMUNICATIONS
6507601*	09/778,955	US	COLLISION AVOIDANCE
6515981*	09/466,797	US	PACKET-SWITCHED SPREAD-SPECTRUM SYSTEM
6587452	09/224,722	US	HIGH PERFORMANCE SIGNAL STRUCTURE WITH MULTIPLE MODULATION FORMATS
6606341	09/304,345	US	COMMON PACKET CHANNEL WITH FIRM HANDOFF
6631157	09/526,867	US	MULTI-CLOCK MATCHED FILTER FOR RECEIVING SIGNALS WITH MULTIPATH
6639936	10/096,312	US	PRE-DATA POWER CONTROL COMMON PACKET CHANNEL
6643318	09/695,720	US	A HYBRID DSMA/CDMA METHOD WITH COLLISION RESOLUTION FOR PACKET COMMUNICATIONS
6714586	09/852,085	US	SLIDING MATCHED FILTER WITH FLEXIBLE HARDWARE COMPLEXITY
6741637	09/598,469	US	THE METHOD AND APPARATURS OF JOINT DETECTION OF A CDMA RECEIVER
6757319	09/722,685	US	CLOSED LOOP POWER CONTROL FOR COMMON DOWNLINK TRANSPORT CHANNELS

Patent No.	Application No.	Country	Title
6801569	09/598,470	US	DIGITAL MATCHED FILTER BANK FOR ORTHOGONAL SIGNAL SET
6842480	09/662,148	US	PROGRAMMABLE MATCHED FILTER BANK
6843597	09/854,620	US	METHOD AND APPARATUS OF A FAST TWO-LOOP AUTOMATIC GAIN CONTROL CIRCUIT
6894997	09/732,185	US	PACKET SPREAD-SPECTRUM TRANSMITTER
6937641	10/083,687	US	POWER CONTROLLED RANDOM ACCESS
6940841	09/793,433	US	PACKET-SWITCHED SPREAD-SPECTRUM SYSTEM
6983012	09/912,452	US	THE METHOD OF IMPLEMENTATION OF DIGITAL FILTER WITH REDUCED HARDWARE
6993065*	09/970,888	US	MULTI-CHANNEL SPREAD SPECTRUM SYSTEM
6996155	10/667,665	US	COMMON PACKET CHANNEL
7012907	09/732,186	US	PACKET SPREAD-SPECTRUM RECEIVER
7020184*	09/789,958	US	STORE AND FORWARD HANDOFF
7046717	10/649,816	US	PRE-DATA POWER CONTROL COMMON PACKET CHANNEL
7075971*	10/682,985	US	HYBRID DSMA/CDMA METHOD WITH COLLISION RESOLUTION FOR PACKET COMMUNICATIONS
7099346*	10/144,749	US	CHANNEL CAPACITY OPTIMIZATION FOR PACKET SERVICES
7301988	10/678,648	US	ENHANCED UPLINK PACKET TRANSFER METHOD
7436801	10/935,236	US	DEFERRED ACCESS METHOD FOR UPLINK PACKET CHANNEL
7869404	12/233,176	US	DEFERRED ACCESS METHOD FOR UPLINK PACKET CHANNEL
N/A	11/976,958	US	ENHANCED UPLINK PACKET TRANSFER METHOD

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