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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT CYPHER	02/05/2014
SEAN QUINLAN	02/05/2014
STEVEN ROBERT SCHIRRIPA	01/31/2014
LIDOR CARMI	01/31/2014
CHRISTIAN ERIC SCHROCK	01/31/2014

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:	15342717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	231441-404576
NAME OF SUBMITTER:	BRETT A. KRUEGER
SIGNATURE:	/Brett A. Krueger/
DATE SIGNED:	11/03/2016

Total Attachments: 4

PATENT REEL: 040216 FRAME: 0662



PATENT REEL: 040216 FRAME: 0663

Attorney Docket No: 231441-348997

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Robert Cypher of 18460 Montpere Way, Saratoga, CA 95070, Sean Quinlan of 825 Channing Avenue, Palo Alto, CA 94301, Steven Robert Schirripa of 19 Meredith Way, Hazlet, NJ 07730, Lidor Carmi of 207 W 80th St. Apt. 4B, New York, NY 10024 and Christian Eric Schrock of 9 Saw Mill Lane, Cold Spring Harbor, NY 11724 hereby assign to: Google Inc., a corporation of <u>Delaware</u> having a place of business at: <u>1600 Amphitheatre Parkway, Mountain</u> View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled <u>EFFICIENT DATA READS FROM</u> <u>DISTRIBUTED STORAGE SYSTEMS</u>, filed <u>January 31</u>, 2014, and assigned U.S. Serial Number 14/169,322, 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 names 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.

Robe	L Cypher
	J P
<u> </u>	0.11
Sean	Quinlan
Steve	n Robert Schirripa
Lidor	Carmi

Page 2 of 2

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Robert Cypher of 18460 Montpere Way, Saratoga, CA 95070, Sean Quinlan of 825 Channing Avenue, Palo Alto, CA 94301, Steven Robert Schirripa of 19 Meredith Way, Hazlet, NJ 07730, Lidor Carmi of 207 W 80th St. Apt. 4B, New York, NY 10024 and Christian Eric Schrock of 9 Saw Mill Lane, Cold Spring Harbor, NY 11724 hereby assign to: Google Inc., a corporation of <u>Delaware</u> having a place of business at: <u>1600 Amphitheatre Parkway</u>, Mountain <u>View, California 94043</u>; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled **EFFICIENT DATA READS FROM** DISTRIBUTED STORAGE SYSTEMS, filed January 31, 2014, and assigned U.S. Serial Number $\underline{14/169,322}$, 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 names 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.

Attorney Docket No: 231441-348997

Robert Cypher

Sean Quinkm (Feb 5, 2014)

Sean Quinlan

Steven Robert Schlings (Jen 51, 2018)

Steven Robert Schirripa

Lidor Carmi (Jan 31, 2014)

Lidor Carmi

Christian Ede Schrock (Jan 31, 2014)

Christian Eric Schrock

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Document Integrity Verified

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