# 503669916 01/28/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYAN	ICE:	ASSIGNMENT			
CONVEYING PARTY DA	АТА				
		Name	Execution Date		
ERIC TELLER			10/28/2015		
RICHARD WAYNE DEV	AUL		11/12/2015		
CLIFFORD L. BIFFLE			10/28/2015		
JOSH WEAVER			10/28/2015		
RECEIVING PARTY DA	ТА				
Name:	GOOGLE INC.				
Street Address:	1600 AMPHITHEATRE PARKWAY				
City:	MOUNTAIN VIEW				
State/Country:	CALIFC	DRNIA			
Postal Code:	94043				
PROPERTY NUMBERS Property Type	Total: 1	Number			
	Total: 1				
		<b>Number</b> 15008274			
Property Type					
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Property Type Application Number: CORRESPONDENCE D Fax Number:	ATA	(312)913-0002			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be	ATA e sent to	15008274 (312)913-0002 • <b>the e-mail address first; if that is unsucc</b>			
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Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	15008274 (312)913-0002 <b>the e-mail address first; if that is unsucc</b> <b>; if that is unsuccessful, it will be sent via</b> 312-913-0001 ellis@mbhb.com MCDONNELL BOEHNEN HULBERT & BER 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606	a US Mail.		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provided	(312)913-0002 the e-mail address first; if that is unsucc if that is unsuccessful, it will be sent via 312-913-0001 ellis@mbhb.com MCDONNELL BOEHNEN HULBERT & BER 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606 11-1498-US-CON2	a US Mail.		

#### ASSIGNMENT

Case No.: 11-1498-CON

Inventor(s): Eric Teller Richard Wayne DeVaul Clifford L. Biffle Josh Weaver

Date of Execution of Application:

Application No.: 14/444,100

Filing Date: July 28, 2014

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

#### Google Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

## LOCATION-AWARE CACHING IN A BALLOON NETWORK

and identified as:

### Case No. 11-1498-CON

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and application number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating

## PATENT REEL: 037613 FRAME: 0740

thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made. This Assignment will be governed by the substantive laws of the United States of America and the state of California (excluding any provisions thereof relating to conflicts of laws).

Signature:	/Eric Teller/	Date:	10/28/15	
Name:	Eric Teller			
Signature:	/Richard Wayne DeVaul/	Date:	12 Nov 2015	
Name:	Richard Wayne DeVaul			
Signature:	/Clifford L. Biffle/	Date:	28 Oct 2015	
Name:	Clifford L. Biffle			
Signature:	/Josh Weaver/	Date:	10/28/2015	
Name:	Josh Weaver			

**RECORDED: 01/28/2016**