

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUIZ OTAVIO ZORZELLA	08/13/2013
ALEXANDER VLADIMIROV	08/11/2013
NEAL KANODIA	08/26/2013
CHRIS HIBBERT	08/12/2013
CHARLES SPIRAKIS	08/22/2013
RECEIVING PARTY DATA	
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City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15442517
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NAME OF SUBMITTER:	DANIEL R. BROWNSTONE, REG. NO. 46581
SIGNATURE:	/Daniel R. Brownstone 46581/
DATE SIGNED:	08/21/2017
Total Attachments: 2	

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JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Luiz Otavio Zorzella, a citizen of the United States, residing in Sunnyvale, California; Alexander Vladimirov, a citizen of the United States, residing in San Francisco, California; Neal Knodia, a citizen of the United States, residing in Mountain View, California; Chris Hibbert, a citizen of the United States, residing in Mountain View, California; and Charles Spirakis, a citizen of the United States, residing in Los Altos, California, as assignors, have made an invention entitled

**“USING SIDE CHANNELS IN REMOTE PROCEDURE CALLS TO RETURN
INFORMATION IN AN INTERACTIVE ENVIRONMENT”**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 13//955,216, which was filed in the U.S. Patent and Trademark Office on July 31, 2013; and

WHEREAS, Google Inc., 1600 Amphitheatre Parkway, Mountain View, California 94043, a corporation organized and existing under the laws of the State of California, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

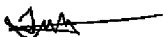
NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as

described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:


 Luiz Otavio Zorzella (Aug 13, 2013)
 Luiz Otavio Zorzella

Aug 13, 2013

Date


 Alexander Vladimirov (Aug 11, 2013)
 Alexander Vladimirov

Aug 11, 2013

Date


 Neal Kanodia (Aug 26, 2013)
 Neal Kanodia

Aug 26, 2013

Date


 Chris Hibbert (Aug 12, 2013)
 Chris Hibbert

Aug 12, 2013

Date


 Charles Spirakis (Aug 22, 2013)
 Charles Spirakis

Aug 22, 2013

Date