

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

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIK M. OLSON	04/28/2016
PATRICK M. AMIHOOD	11/12/2015
IVAN POUPYREV	11/13/2015
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16252477
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(208)975-6667
<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>	
<b>Phone:</b>	208-813-3905
<b>Email:</b>	travis@colbynipper.com
<b>Correspondent Name:</b>	COLBY NIPPER / GOOGLE
<b>Address Line 1:</b>	291 EAST SHORE DRIVE
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	EAGLE, IDAHO 83616
<b>ATTORNEY DOCKET NUMBER:</b>	2402700USCON
<b>NAME OF SUBMITTER:</b>	MICHAEL K. COLBY, REG#45,816
<b>SIGNATURE:</b>	/Michael K. Colby/
<b>DATE SIGNED:</b>	01/18/2019
<b>Total Attachments: 6</b>	
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source=GP-24027-00-US-CON\_Executed\_Assignments\_Inv\_to\_GoogleInc#page6.tif

**ASSIGNMENT OF WORLDWIDE RIGHTS**

**WHEREAS**, I, Erik M. Olson, a citizen of United States of America, residing in Cupertino, CA, as assignor, have made an invention entitled

**“Rf-Based Micromotion Tracking For Gesture Tracking And Recognition”**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/167,823, which was filed in the U.S. Patent and Trademark Office on May 28, 2015; and

**WHEREAS**, Google Inc., 1600 Amphitheatre Parkway, Mountain View, California 94043, a corporation organized and existing under the laws of the State of Delaware, 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, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my 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 all rights to sue and recover for past, present, and future infringement thereof, and I 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, I HEREBY** covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed, and will not execute any agreement in conflict with this Assignment;

**AND, I HEREBY** further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me 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**, Assignor has executed this document on the date indicated below.

DocuSigned by:  
  
CAE2D3B6C1A14E7...  
Erik M. Olson

April 28 2016  
Date

## ***ASSIGNMENT***

Whereas I, the ASSIGNOR herein,

**Patrick M. Amihood**  
San Francisco, CA  
USA

have invented **RF-Based Micromotion Tracking For Gesture Tracking And Recognition (Docket No. 2402700PR)**, described, illustrated, and claimed in a provisional application in the United States of America filed on May 28, 2015 and assigned U.S. Provisional Patent Application Number 62/167,823.

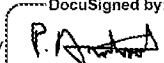
WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I do hereby agree that I will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:  
  
Patrick M. Amihood

11/12/2015

Date

## ***ASSIGNMENT***

Whereas I, the ASSIGNOR herein,

**Ivan Poupyrev**  
Sunnyvale, CA 94086  
USA

have invented **RF-Based Micromotion Tracking For Gesture Tracking And Recognition (Docket No. 2402700PR)**, described, illustrated, and claimed in a provisional application in the United States of America filed on May 28, 2015 and assigned U.S. Provisional Patent Application Number 62/167,823.

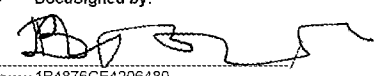
WHEREAS, GOOGLE INC., the ASSIGNEE herein, is a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, USA, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, I, the said ASSIGNOR, have assigned and do hereby assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said patent application for Letters Patent thereon, in and to patent applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I do hereby agree that I will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Signed:

DocuSigned by:  
  
Ivan Poupyrev

11/13/2015

Date