

PATENT ASSIGNMENT

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
SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vincent O. Vanhoucke</td> <td>03/29/2013</td> </tr> <tr> <td>Oriol Vinyals</td> <td>04/01/2013</td> </tr> <tr> <td>Patrick An Nguyen</td> <td>04/09/2013</td> </tr> <tr> <td>Maria Carolina Martin</td> <td>03/28/2013</td> </tr> <tr> <td>Johan Schalkwyk</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vincent O. Vanhoucke	03/29/2013	Oriol Vinyals	04/01/2013	Patrick An Nguyen	04/09/2013	Maria Carolina Martin	03/28/2013	Johan Schalkwyk	03/28/2013
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RECEIVING PARTY DATA													
Name:	Google Inc.												
Street Address:	1600 Amphitheatre Parkway												
City:	Mountain View												
State/Country:	CALIFORNIA												
Postal Code:	94043												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13860982</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13860982								
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CORRESPONDENCE DATA													
Fax Number:	8777697945												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-783-5070												
Email:	apsi@fr.com												
Correspondent Name:	David A. Jordan												
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ATTORNEY DOCKET NUMBER:	16113-4569001												
NAME OF SUBMITTER:	Lori L. Stewart												

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Signature:	/Lori L. Stewart/
Date:	06/06/2013
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif	

ASSIGNMENT

For valuable consideration, we, VINCENT O. VANHOUCKE of 635 Detroit Street, San Francisco, CA 94131, ORIOLE VINYALS of 2826 Piedmont Avenue, Berkeley, CA 94705, PATRICK AN PHU NGUYEN of 251 Everett Avenue, Palo Alto, CA 94301, MARIA CAROLINA PARADA SAN MARTIN of 3165 Maddux Drive, Palo Alto, CA 94303, JOHAN SCHALKWYK of 81 Edgemont Road, Scarsdale, NY 10583, hereby assign to Google Inc., a corporation of Delaware having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled KEYWORD DETECTION WITHOUT DECODING, filed April 11, 2013, and assigned U.S. Serial Number 13/860,982, 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 name 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.



Vincent O. Vanhoucke (Mar 29, 2013)

VINCENT O. VANHOUCKE

Witnessed by:

Date: Mar 29, 2013

Signature

Typed or Printed Name

Witness Address

ORIOLE VINYALS

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address

PATRICK AN PHU NGUYEN

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address



Maria Carolina Parada San Martin (Mar 28, 2013)

MARIA CAROLINA PARADA SAN MARTIN

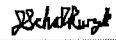
Witnessed by:

Date: Mar 28, 2013

Signature

Typed or Printed Name

Witness Address



Johan Schalkwyk (Mar 28, 2013)

JOHAN SCHALKWYK

Witnessed by:

Date: Mar 28, 2013

Signature

Typed or Printed Name

Witness Address

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ASSIGNMENT

For valuable consideration, we, VINCENT O. VANHOUCHE of 635 Detroit Street, San Francisco, CA 94131, ORIOLE VINYALS of 2826 Piedmont Avenue, Berkeley, CA 94705, PATRICK AN PHU NGUYEN of 251 Everett Avenue, Palo Alto, CA 94301, MARIA CAROLINA PARADA SAN MARTIN of 3165 Maddux Drive, Palo Alto, CA 94303, JOHAN SCHALKWYK of 81 Edgemont Road, Scarsdale, NY 10583, hereby assign to Google Inc., a corporation of Delaware having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled KEYWORD DETECTION WITHOUT DECODING, filed April 11, 2013, and assigned U.S. Serial Number 13/860,982, 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 name 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.

VINCENT O. VANHOUCKE

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address



ORIOI VINYALS

Witnessed by:

Date: 4/1/13

Meire Fortunato
Signature

MEIRE FORTUNATO
Typed or Printed Name

2826 PIEDMONT AVE

BERKELEY-CA-94705

Witness Address

PATRICK AN PHU NGUYEN

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address

MARIA CAROLINA PARADA SAN MARTIN

Witnessed by:

Signature

Typed or Printed Name

Witness Address

Date: _____

JOHAN SCHALKWYK

Witnessed by:

Signature

Typed or Printed Name

Witness Address

Date: _____

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VINCENT O. VANHOUCKE

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address

ORIOLE VINYALS

Witnessed by:

Date: _____

Signature

Typed or Printed Name

Witness Address



Patrick An Phu Nguyen (Apr 9, 2013)

PATRICK AN PHU NGUYEN

Witnessed by:

Date: Apr 9, 2013

Signature

Typed or Printed Name

Witness Address

MARIA CAROLINA PARADA SAN MARTIN

Witnessed by:

Signature

Typed or Printed Name

Witness Address

Date: _____

JOHAN SCHALKWYK

Witnessed by:

Signature

Typed or Printed Name

Witness Address

Date: _____

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