

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Ciprian I. Chelba</td> <td>06/29/2012</td> </tr> <tr> <td>Peng Xu</td> <td>07/17/2012</td> </tr> <tr> <td>Fernando Pereira</td> <td>06/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ciprian I. Chelba	06/29/2012	Peng Xu	07/17/2012	Fernando Pereira	06/29/2012
Name	Execution Date								
Ciprian I. Chelba	06/29/2012								
Peng Xu	07/17/2012								
Fernando Pereira	06/29/2012								
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>13539284</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13539284				
Property Type	Number								
Application Number:	13539284								
CORRESPONDENCE DATA									
Fax Number:	8777697945								
Phone:	(202) 626-6367								
Email:	apsi@fr.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Nicholas Jepsen								
Address Line 1:	FISH & RICHARDSON P.C.								
Address Line 2:	P.O.BOX 1022								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022								
ATTORNEY DOCKET NUMBER:	16113-4403001								
NAME OF SUBMITTER:	Lori L. Stewart								
Total Attachments: 6									

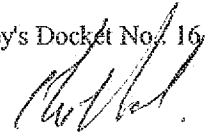
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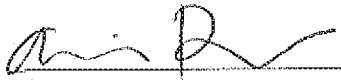
For valuable consideration, we, CIPRIAN I. CHELBA of 667 Melville Ave, Palo Alto CA 94301, PENG XU of 1060 Weyburn Lane, San Jose, CA 95129, FERNANDO PEREIRA of 135 Baymont St, Palo Alto CA 94301, hereby assign to Google Inc., a corporation of Delaware having a place of business at 1600 Amphitheatre 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 SPEECH RECOGNITION USING VARIABLE-LENGTH CONTEXT, filed June 29, 2012, and assigned U.S. Serial Number 13/539,284, 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.

FP  
6/29/12



\_\_\_\_\_  
CIPRIAN I. CHELBA

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 6/29/12

ALISON POWELL  
\_\_\_\_\_  
Typed or Printed Name

733 WALLER ST  
SAN FRANCISCO, CA 94117  
\_\_\_\_\_  
Witness Address

\_\_\_\_\_  
PENG XU

Witnessed by:

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address

Fernando Pereira  
FERNANDO PEREIRA

Witnessed by:

Alison Powell  
Signature

Date: 6/29/12

ALISON POWELL  
Typed or Printed Name

733 WALLER ST.

SAN FRANCISCO, CA 94117  
Witness Address

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ASSIGNMENT

For valuable consideration, we, CIPRIAN I. CHELBA of 667 Melville Ave, Palo Alto CA 94301, PENG XU of 1060 Weyburn Lane, San Jose, CA 95129, FERNANDO PEREIRA of 350 Sharon Park Drive, N312, Menlo Park, CA 94025, 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 SPEECH RECOGNITION USING VARIABLE-LENGTH CONTEXT, filed June 29, 2012, and assigned U.S. Serial Number 13/539,284, 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.

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CIPRIAN I. CHELBA

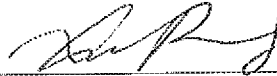
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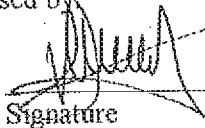
\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address



\_\_\_\_\_  
PENG XU

Witnessed by:

  
Signature

KAREL DRIESEN

Typed or Printed Name

1081 SUFFOLK WAY  
LOS ALTOS, CA 94024

Witness Address

Date: 07/17/2012

\_\_\_\_\_  
FERNANDO PEREIRA

Witnessed by:

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address

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