

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4062594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KYRYLO TROPIN	05/08/2008
KA CHEUNG SIA	04/25/2014
GU XU	06/24/2014
BHUVAN MIDDHA	05/01/2014
QI YAO	04/26/2014
SANDEEP DEY	04/24/2014
JUNBIAO TANG	04/26/2014
RECEIVING PARTY DATA	
Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13828316
CORRESPONDENCE DATA	
Fax Number:	(816)421-5547
<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>	
Phone:	8164746550
Email:	dstrecker@shb.com
Correspondent Name:	SHOOK, HARDY AND BACON L.L.P.
Address Line 1:	2555 GRAND BLVD
Address Line 4:	KANSAS CITY, MISSOURI 64108
ATTORNEY DOCKET NUMBER:	337952.01/MFCP.177741
NAME OF SUBMITTER:	ASHLEY N. STURGEON
SIGNATURE:	/ASHLEY N. STURGEON/
DATE SIGNED:	09/21/2016

Total Attachments: 16

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REDACTED

Microsoft Corporation Employee Agreement ("Agreement")

As a condition of my employment with MICROSOFT CORPORATION ("MICROSOFT"), a Washington corporation, and in consideration of the compensation now and hereafter paid to me, I agree as follows:

REDACTED

REDACTED

REDACTED

REDACTED

REDACTED

5. Inventions. I will promptly and fully disclose to MICROSOFT any and all inventions, discoveries, designs, developments, improvements and trade secrets, whether or not patentable (collectively "Inventions") that I solely or jointly may conceive, develop, reduce to practice or otherwise produce during my employment with MICROSOFT, including those Inventions I contend that MICROSOFT does not own. Subject to the NOTICE below, I agree to grant and I hereby grant, transfer and assign to MICROSOFT or its designee all my rights, title and interest in and to such Inventions. I waive and quitclaim to MICROSOFT or its designee any and all claims of any nature whatsoever that I now or hereafter may have for infringement of any patent application, patent, or other intellectual property right relating to any Inventions so assigned to MICROSOFT or its designee.

NOTICE: My obligation to assign shall not apply to any Invention that I can establish:

- a) was developed entirely on my own time without using any equipment, supplies, facilities, or trade secret information owned or supplied to me by MICROSOFT;
- b) does not relate (i) directly to the business of MICROSOFT or (ii) to the actual or demonstrably anticipated research or development of MICROSOFT; and
- c) does not result, in whole or in part, from any work performed by me for MICROSOFT.

I agree to grant and I hereby grant, transfer and assign to MICROSOFT or its designee all my rights, title and interest in and to any and all Inventions full title to which may be required to lie in the United States government by law or by any contract between MICROSOFT and the United States government or any of its agencies. In addition to the rights provided to MICROSOFT under paragraph 6 below, as to any Invention complying with 5(a)-(c) above that results in any product, service or development with potential commercial application, MICROSOFT shall be given the right of first refusal to obtain exclusive rights to the Invention and such product, service or development.

REDACTED

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REDACTED

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REDACTED

REDACTED

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REDACTED

REDACTED

REDACTED

REDACTED

I HAVE READ AND FULLY UNDERSTOOD THIS AGREEMENT. BY SIGNING BELOW, I AGREE TO BE BOUND BY ALL OF ITS TERMS.

Last Revised 05/07

Your electronic signature is: Kirill Tropin

You submitted this document on Thu, 08 May 2008 09:32:48 GMT.

PATENT ASSIGNMENT

I, KA CHEUNG SIA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with customer number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the _____ following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on March 14, 2013 and was given Application No 13/828,316 by the following Office (US - US Patent and Trademark Office);

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

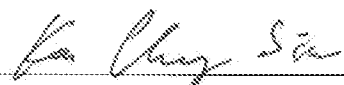
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Application No.	Filing Date	Office

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 KA CHEUNG SIA	<u>4/25/2014</u> Date
<u>Ka Cheung Sia</u> Printed Name in English	<u>謝家祥</u> Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

I, GU XU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

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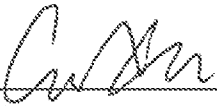
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 _____ GU XU	<u>4/24/2014</u> _____ Date
<u>Gu Xu</u> _____ Printed Name in English	<u>徐谷</u> _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, BHUVAN MIDDHA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

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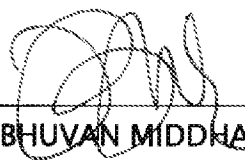
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 _____ BHUVAN MIDDHA	05/01/2014 _____ Date
BHUVAN MIDDHA _____ Printed Name in English	भुवन मिद्धा _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, QI YAO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

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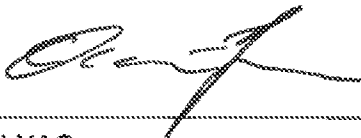
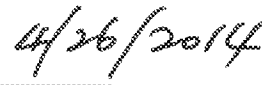
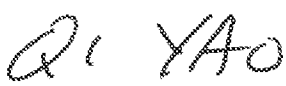
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_____ QI YAO	_____ Date
	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

PATENT ASSIGNMENT

I, SANDEEP DEY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

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	04/24/2014
_____ SANDEEP DEY	_____ Date
Sandeep Dey	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, JUNBIAO TANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a nonprovisional patent application entitled "PART-OF-SPEECH TAGGING FOR RANKING SEARCH RESULTS" ("APPLICATION"), which:

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 _____	<u>4/26/2014</u> _____
JUNBIAO TANG	Date
_____	_____
Printed Name in English	Printed Name in Native Language (if other than English)