

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5736991

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JASON DOUGLAS WILLIAMS	04/02/2015
NOBAL BIKRAM NIRLA	04/02/2015
PRADEEP DASIGI	04/02/2015
APARNA LAKSHMIRATAN	04/01/2015
GEOFFREY G. ZWEIG	04/02/2015
ANDREY KOLOBOV	04/02/2015
CARLOS GARCIA JURADO SUAREZ	04/02/2015
DAVID MAXWELL CHICKERING	04/02/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16582234
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)332-9081
<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>	612-332-5300
<b>Email:</b>	usdocket@microsoft.com
<b>Correspondent Name:</b>	MERCHANT & GOULD (MICROSOFT)
<b>Address Line 1:</b>	P.O. BOX 2903
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-0903
<b>ATTORNEY DOCKET NUMBER:</b>	14917.2531USC1/356390USCN
<b>NAME OF SUBMITTER:</b>	LAUREN L. SHERWOOD
<b>SIGNATURE:</b>	/Lauren L. SHerwood/

<b>DATE SIGNED:</b>	09/25/2019
<b>Total Attachments: 16</b> source=2019-09-25_Assignments_ALL_14917-2531usc1#page1.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page2.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page3.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page4.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page5.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page6.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page7.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page8.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page9.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page10.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page11.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page12.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page13.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page14.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page15.tif source=2019-09-25_Assignments_ALL_14917-2531usc1#page16.tif	

## PATENT ASSIGNMENT

I Jason Douglas Williams ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 3, 2015 and given Application No. 14/678,315 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office "  
";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

	2 April 2015
Inventor's Signature	Date
Jason Douglas Williams	
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Nobal Bikram Niraula ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 3, 2015 and given Application No. 14/678,315 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation

PATENT ASSIGNMENT

regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

<u>am</u>	<u>04/02/2015</u>
Inventor's Signature	Date
<u>Nobal Bikram Niraula</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Pradeep Dasigi ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 3, 2015 and given Application No. 14/678,315 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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## PATENT ASSIGNMENT

I Aparna Lakshmiratan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 3, 2015 and given Application No. 14/678,315 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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	<u>4/1/2015</u>
Inventor's Signature	Date
<u>Aparna Lakshmiratan</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Geoffrey G. Zweig ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

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 Inventor's Signature	<u>4/21/2015</u> Date
<u>Geoffrey G. Zweig</u> Printed Name in English	 Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Andrey Kolobov ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on April 3, 2015 and given Application No. 14/678,315 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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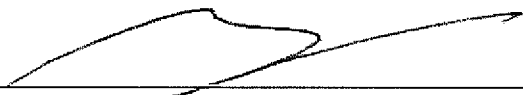
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	04/02/2015
Inventor's Signature	Date
Andrey Kolobov	Андрей Колобов
Printed Name in English	Printed Name in Native Language (if other than English)

## PATENT ASSIGNMENT

I Carlos Garcia Jurado Suarez ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

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<u>Carlos Garcia J.</u>	<u>4/2/2015</u>
Inventor's Signature	Date
<u>Carlos Garcia Jurado Suarez</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)



## PATENT ASSIGNMENT

I David Maxwell Chickering ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION OF LANGUAGE UNDERSTANDING SYSTEMS AND METHODS" ("APPLICATION"), which:

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	4/2/2015
Inventor's Signature	Date
David Maxwell Chickering	
Printed Name in English	Printed Name in Native Language (if other than English)