

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZIAD AL BAWAB	06/24/2019
CEM AKSOYLAR	06/24/2019
SHUANGYU CHANG	06/24/2019
SUYASH CHOUDHURY	06/24/2019
ANAND U DESAI	06/24/2019
DHIRESH RAWAL	06/23/2019
RISHI GIRISH	06/25/2019
MARCUS JAGER	06/24/2019
MICHAEL LEVIT	06/24/2019
TAO LI	06/26/2019
XI MENG	06/24/2019
ANANTH RAMPURA SHESHAGIRI RAO	06/24/2019

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16454621

CORRESPONDENCE DATA

Fax Number: (203)972-7627

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.

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PATENT

ATTORNEY DOCKET NUMBER:	406644-US-NP (M15.108)
NAME OF SUBMITTER:	NICHOLAS M. STABLER
SIGNATURE:	/NMS/
DATE SIGNED:	06/27/2019

Total Attachments: 24

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I Ziad AL BAWAB ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("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 June 27, 2019 and given Application No. 16/454,621 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 "US - United States Patent and Trademark Office";

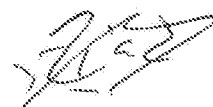
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office
62/841,982	May 2, 2019	US

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).

	<u>6/24/2019</u>
Inventor's Signature	Date
Ziad AL BAWAB	<u>زياد البواب</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Cem AKSOYLAR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "**ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION**" ("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 June 27, 2019 and given Application No. 16/454,621 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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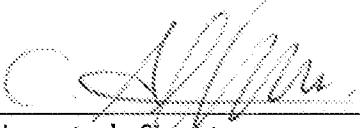
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 _____ Inventor's Signature	<u>6/24/2019</u> _____ Date
<u>Cem AKSOYLAR</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Shuangyu CHANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled **"ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION"** ("APPLICATION"), which:

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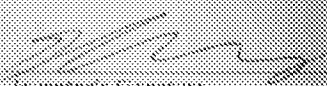
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	6/14/2019
Inventor's Signature	Date
Shuangyi CHANG	陈双毅
Printed Name in English	Printed Name in Native Language (if other than English)

I Suyash CHOUDHURY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled **"ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION"** ("APPLICATION"), which:

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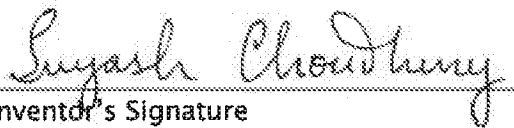
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 Inventor's Signature	06 24 2019 Date
Suyash CHOUDHURY Printed Name in English	 Printed Name in Native Language (if other than English)

I Anand U DESAI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("APPLICATION"), which:

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I Dhiresh RAWAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "**ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION**" ("APPLICATION"), which:

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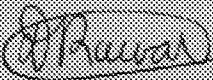
Application No.	Filing Date	Office
62/841,982	May 2, 2019	US

PATENT ASSIGNMENT

MS Docket No.: 406644-US-NP

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	6/23/19
Inventor's Signature	Date
Dhiresht RAWAL	Printed Name in Native Language
Printed Name in English	(if other than English)

I Rishi GIRISH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "**ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION**" ("APPLICATION"), which:

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	June 25, 2019
Inventor's Signature	Date
Rishi GIRISH	Printed Name in Native Language
Printed Name in English	(if other than English)

I Marcus JAGER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("APPLICATION"), which:

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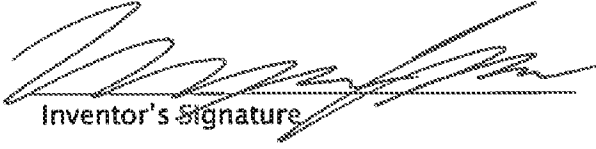
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	<u>June 29 2019</u>
Inventor's Signature	Date
<u>Marcus JAGER</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Michael LEVIT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "**ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION**" ("APPLICATION"), which:

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 Inventor's Signature	<u>June 29, 2019</u> Date
Michael LEVIT Printed Name in English	 Printed Name in Native Language (if other than English)

I Tao LI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("APPLICATION"), which:

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 Inventor's Signature	06/26/2019 Date
Tao Li Printed Name in English	李涛 Printed Name in Native Language (if other than English)

I Xin MENG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("APPLICATION"), which:

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

<u>Xin Meng</u> Inventor's Signature	<u>06/24/2019</u> Date
<u>Xin MENG</u> Printed Name in English	<u>孟昕</u> Printed Name in Native Language (if other than English)

I Ananth Rampura SHESHAGIRI RAO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ORGANIZATIONAL-BASED LANGUAGE MODEL GENERATION" ("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 June 27, 2019) and given Application No. 16/454,621 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 "US - United States Patent and Trademark 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"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office
62/841,982	May 2, 2019	US

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).

	06/24/2019
_____ Inventor's Signature	_____ Date
Ananth Rampura SHESHAGIRI RAO _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)