### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANKUR GANDHE	03/24/2019
ARIYA RASTROW	03/22/2019
GAUTAM TIWARI	03/25/2019
ASHISH VISHWANATH SHENOY	03/22/2019
CHUN CHEN	03/22/2019

#### **RECEIVING PARTY DATA**

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	P.O. BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16363821

#### **CORRESPONDENCE DATA**

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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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Correspondent Name: PIERCE ATWOOD LLP (ATTN: AMAZON DOCKETING)

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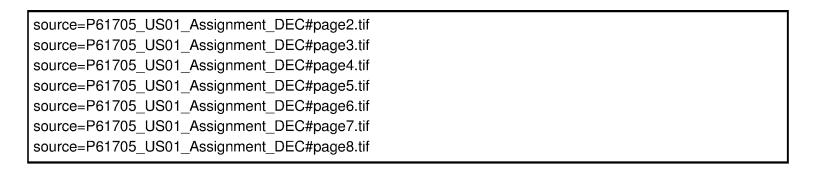
ATTORNEY DOCKET NUMBER:	P61705-US01
NAME OF SUBMITTER:	ILAN N. BARZILAY
SIGNATURE:	/llan N. Barzilay/
DATE SIGNED:	03/25/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 8** 

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PATENT REEL: 048693 FRAME: 0331

505392695



U.S. Patent Appln. No	Attorney Docket No. <u>34703-5777</u>
Filing Date	Client Docket No. P61705-US01
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Ankur Gandhe	Ashish Vishwanath Shenoy
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
Ariya Rastrow	Chun Chen
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
Gautam Tiwari	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Assignee:	
Amazon Technologies, Inc.	
PO Box 81226	
Seattle, WA 98108-1226	
<u>AGREEMENT</u>	
WHEREAS, ASSIGNOR(S) (listed above) are	e inventor(s) of an invention entitled
"LANGUAGE AND GRAMMAR MODEL ADAPTATI	ON" (Invention) for which a non-provisional
application for United States Letters Patent (Appli	cation):
was filed on and accorde	d U.S. Application No; or
igotimes will be filed concurrently with the sub	mission of this executed PATENT ASSIGNMENT
for recordation.	
ASSIGNOR(S) hereby authorizes and requests	ASSIGNEE'S legal representatives, of
Pierce Atwood LLP, associated with Customer No.	136714, to insert in the header above and here
in parentheses (U.S. Patent Application No	, filed) this application's U.S.
application number and filing date, when known.	

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U.S. Patent Appln. No	Attorney Docket No. <u>34703-5777</u>
Filing Date	Client Docket No. P61705-US01

Title of Invention: LANGUAGE AND GRAMMAR MODEL ADAPTATION

Inventors: Ankur Gandhe, Ariya Rastrow, Gautam Tiwari, Ashish Vishwanath Shenoy, Chun Chen

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

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U.S. Patent Appln. No.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 34703-5777

Filing Date \_\_\_\_\_ Client Docket No. <u>P61705-US01</u>

Title of Invention: LANGUAGE AND GRAMMAR MODEL ADAPTATION

Inventors: Ankur Gandhe, Ariya Rastrow, Gautam Tiwari, Ashish Vishwanath Shenoy, Chun

Chen

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate

to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR

respecting the Invention or said Application, and testify in any legal proceeding, assist in the

preparation of any other patent property relating to the Application and the Invention or any

improvements made thereto, sign/execute all lawful papers, provide all requested documents,

execute and make all rightful oaths and/or declarations in connection with the Application and

the Invention including any improvements made thereto, any patent applications filed therefrom,

and any continuing application filed from any of the aforementioned applications, and generally

do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

and enforce proper patent protection for the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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U.S. Patent Appln. No		Attorney Docket	No. <u>34703-5777</u>
Filing Date		Client Docket N	o. <u>P61705-US0</u> 1
Title of Invention: <u>LANGUAGE AND GRAMN</u>	MAR MODEL AD	<u>APTATION</u>	
Inventors: Ankur Gandhe, Ariya Rastrow, Chen	Gautam Tiwari	, Ashish Vishwanath Sh	enoy, Chun
<b>DECLARATION</b> As a below named inventor, I hereby decla	are that:		
This declaration is directed to:			
igotimes the attached application; or			
United States Patent Application	on number	filed on	; or
PCT International Application r	number	filed on	<u></u> .
The above-identified application was made	e or authorized	to be made by me.	
I believe that I am the original inventor or application.	an original joint	t inventor of a claimed l	Invention in the
I have reviewed and understand the conte	ents of the abov	e-identified application	, and
acknowledge the duty to disclose to the U	S Patent & Trad	emark Office all inform	ation known to
me to be material to the patentability as d	lefined in 37 CFI	R 1.56.	
I hereby acknowledge that any willful false	e statement ma	de in this declaration is	punishable
under 18 USC 1001 by fine or imprisonmen	nt of not more t	chan five (5) years, or bo	oth.
Docusigned by:  1 UNEU Gandul  97EEFB88188B42D			
Ankur Gandhe			
March 24, 2019			
Date			
Butt			

U.S. Patent Appln. No	Attorney Docket No. <u>34703-5777</u>
Filing Date	Client Docket No. P61705-US01
Title of Invention: <u>LANGUAGE AND GRAMMAR M</u>	IODEL ADAPTATION
Inventors: Ankur Gandhe, Ariya Rastrow, Gauta Chen	m Tiwari, Ashish Vishwanath Shenoy, Chun
DECLARATION	
As a below named inventor, I hereby declare that	nt:
This declaration is directed to:	
$igstyle{igstyle igstyle igytyle igstyle igytyle $	
United States Patent Application nur	nber filed on; or
PCT International Application number	er filed on
The above-identified application was made or au	uthorized to be made by me.
I believe that I am the original inventor or an original application.	ginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	the above-identified application, and
acknowledge the duty to disclose to the US Pate	nt & Trademark Office all information known to
me to be material to the patentability as defined	l in 37 CFR 1.56.
I hereby acknowledge that any willful false state	ment made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of n	ot more than five (5) years, or both.
Docusigned by: / Uriya Kastrow/2F3182F4F6E1412	
Ariya Rastrow	
March 22, 2019	
Date	

Page 5 of 8

U.S. Patent Appln. No	Attorney Docket No. <u>34703-5777</u>
Filing Date	Client Docket No. <u>P61705-US01</u>
Title of Invention: <u>LANGUAGE AND GRAN</u>	/IMAR MODEL ADAPTATION
Inventors: Ankur Gandhe, Ariya Rastrow Chen	v, Gautam Tiwari, Ashish Vishwanath Shenoy, Chun
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	clare that:
This declaration is directed to:	
igotimes the attached application; or	
United States Patent Applica	tion number; or
PCT International Application	n number filed on
The above-identified application was ma	ide or authorized to be made by me.
I believe that I am the original inventor of application.	or an original joint inventor of a claimed Invention in the
I have reviewed and understand the con	tents of the above-identified application, and
acknowledge the duty to disclose to the	US Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fal	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonm	ent of not more than five (5) years, or both.
Docusigned by:  1 Gautam Tiwari/  0EACE8706932460	
Gautam Tiwari	
March 25, 2019 	_
Date	

U.S. Patent Appln. No		Attorney Docket	No. <u>34/03-5///</u>
Filing Date		Client Docket N	o. <u>P61705-US01</u>
Title of Invention: <u>LANGUAGE AND GRAI</u>	MMAR MODEL A	<u>DAPTATION</u>	
Inventors: Ankur Gandhe, Ariya Rastro Chen	w, Gautam Tiwa	ri, Ashish Vishwanath Sh	enoy, Chun
DECLARATION			
As a below named inventor, I hereby de	clare that:		
This declaration is directed to:			
the attached application; or			
United States Patent Applica	ation number	filed on	; or
PCT International Applicatio	n number	filed on	<u>_</u> .
The above-identified application was m	ade or authorize	d to be made by me.	
I believe that I am the original inventor application.	or an original joi	nt inventor of a claimed I	nvention in the
I have reviewed and understand the cor	ntents of the abo	ove-identified application	, and
acknowledge the duty to disclose to the	e US Patent & Tra	ademark Office all inform	ation known to
me to be material to the patentability a	s defined in 37 C	FR 1.56.	
I hereby acknowledge that any willful fa	alse statement m	ade in this declaration is	punishable
under 18 USC 1001 by fine or imprisonn	nent of not more	e than five (5) years, or bo	oth.
Docusigned by:  /Ashish Vishwanath Shenoy/ D9F8268D41CB430	_		
Ashish Vishwanath Shenoy			
March 22, 2019			
Date	_		

U.S. Patent Appln. No	Attorney Docket No. <u>34/03-5///</u>
Filing Date	Client Docket No. P61705-US01
Title of Invention: <u>LANGUAGE AND GRAM</u>	MMAR MODEL ADAPTATION
Inventors: Ankur Gandhe, Ariya Rastrov Chen	w, Gautam Tiwari, Ashish Vishwanath Shenoy, Chun
<u>DECLARATION</u>	
As a below named inventor, I hereby de	eclare that:
This declaration is directed to:	
igotimes the attached application; or	
United States Patent Applica	ation number; or
PCT International Application	on number filed on
The above-identified application was ma	ade or authorized to be made by me.
I believe that I am the original inventor of application.	or an original joint inventor of a claimed Invention in the
I have reviewed and understand the cor	ntents of the above-identified application, and
acknowledge the duty to disclose to the	US Patent & Trademark Office all information known to
me to be material to the patentability as	s defined in 37 CFR 1.56.
I hereby acknowledge that any willful fa	alse statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonm	ment of not more than five (5) years, or both.
DocuSigned by: // Luur Cuur/ 185E60FAA085458	
Chun Chen	_
March 22, 2019	
Date	_

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