#### 504610458 10/25/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

v1.1 EPAS ID: PAT4657171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RUHI SARIKAYA	10/09/2017
ROHIT PRASAD	10/06/2017
KERRY HAMMIL	10/06/2017
SPYRIDON MATSOUKAS	10/09/2017
NIKKO STROM	10/06/2017
FRÉDÉRIC JOHAN GEORGES DERAMAT	10/11/2017
STEPHEN FREDERICK POTTER	10/06/2017
YOUNG-BUM KIM	10/09/2017

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	15712625

#### **CORRESPONDENCE DATA**

**Fax Number:** (617)824-2020

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.

**Phone:** 617-488-8180

**Email:** patent@pierceatwood.com

Correspondent Name: ILAN N. BARZILAY / PIERCE ATWOOD LLP

Address Line 1: 100 SUMMER STREET

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	P41063-US
NAME OF SUBMITTER:	ILAN N. BARZILAY
SIGNATURE:	/llan N. Barzilay/

PATENT 504610458 REEL: 043945 FRAME: 0469

DATE SIGNED:	10/25/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 12		
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source=P41063-US_Assignmet_Declara	ation#page2.tif	
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U.S. Patent Appln. No. <u>15/712,625</u>

Attorney Docket No. 34703-8865

Filing Date September 22, 2017

Client Docket No. P41063-US

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

Ruhi Sarikaya

410 Terry Avenue North Seattle, WA 98109-5210

**Rohit Prasad** 

410 Terry Avenue North Seattle, WA 98109-5210

Kerry Hammil

410 Terry Avenue North Seattle, WA 98109-5210

**Spyridon Matsoukas** 

410 Terry Avenue North Seattle, WA 98109-5210

Nikko Strom

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

**AGREEMENT** 

{W6349799.1}

Frédéric Johan Georges Deramat

410 Terry Avenue North Seattle, WA 98109-5210

**Stephen Frederick Potter** 410 Terry Avenue North Seattle, WA 98109-5210

Young-Bum Kim

410 Terry Avenue North Seattle, WA 98109-5210

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"NATURAL LANGUAGE SPEECH PROCESSING APPLICATION SELECTION" (Invention) for which a non-provisional application for United States Letters Patent (Application):

was filed on <u>September 22, 2017</u> and accorded U.S. Application No. <u>15/712,625</u>; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Page 1 of 12

U.S. Patent Appln. No. 15/712,625

Attorney Docket No. 34703-8865

Filing Date September 22, 2017

Client Docket No. P41063-US

Title of Invention: NATURAL LANGUAGE SPEECH PROCESSING APPLICATION SELECTION

Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Hammil, Spyridon Matsoukas, Nikko Strom,

Frédéric Johan Georges Deramat, Stephen Frederick Potter, Young-Bum Kim

Pierce Atwood LLP, associated with Customer No. 136714, to insert in the header above and

here in parentheses (U.S. Patent Application No. 15/712,625, filed September 22, 2017) this

application's U.S. application number and filing date, when known.

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)

Page 2 of 12 {W6349799.1}

U.S. Patent Appln. No. 15/712,625

Attorney Docket No. 34703-8865

Filing Date September 22, 2017

Client Docket No. P41063-US

Title of Invention: NATURAL LANGUAGE SPEECH PROCESSING APPLICATION SELECTION

Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Hammil, Spyridon Matsoukas, Nikko Strom,

Frédéric Johan Georges Deramat, Stephen Frederick Potter, Young-Bum Kim

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.

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

Page 3 of 12 {W6349799.1}

U.S. Patent Appln. No. <u>15/712,625</u>

Attorney Docket No. 34703-8865

Filing Date September 22, 2017

Client Docket No. <u>P41063-US</u>

Title of Invention: NATURAL LANGUAGE SPEECH PROCESSING APPLICATION SELECTION

Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Hammil, Spyridon Matsoukas, Nikko Strom, Frédéric Johan Georges Deramat, Stephen Frederick Potter, Young-Bum Kim

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

{W6349799.1} Page 4 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEE</u> 0	CH PROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Frédéric Johan Georges Deramat, Stephen F	Hammil, Spyridon Matsoukas, Nikko Strom, rederick Potter, Young-Bum Kim
<u>DECLARATION</u>	
As a below named inventor, I hereby declare	that:
This declaration is directed to:	
the attached application; or	
□ United States Patent Application	number <u>15/712,625</u> filed on <u>September 22, 2017</u> ; or
PCT International Application nun	nber filed on
The above-identified application was made o	r authorized to be made by me.
I believe that I am the original inventor or an	original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the contents	s of the above-identified application, and
acknowledge the duty to disclose to the US P	atent & Trademark Office all information known to
me to be material to the patentability as defi	ned in 37 CFR 1.56.
I hereby acknowledge that any willful false st	atement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment o	of not more than five (5) years, or both.
DocuSigned by:	
/Ruli Sarikaya/ 0011625A5960482	
Ruhi Sarikaya	
October 9, 2017	
Date	

{W6349799.1} Page 5 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEECH PROCE</u>	SSING APPLICATION SELECTION
Inventors: <b>Ruhi Sarikaya, Rohit Prasad, Kerry Hammil</b> Frédéric Johan Georges Deramat, Stephen Frederick I	
<b>DECLARATION</b> As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$igotimes$ United States Patent Application number $\underline{1}$	<u>.5/712,625</u> filed on <u>September 22, 2017</u> ; or
PCT International Application number	filed on
The above-identified application was made or authoriz	zed to be made by me.
I believe that I am the original inventor or an original japplication.	oint inventor of a claimed Invention in the
I have reviewed and understand the contents of the al	pove-identified application, and
acknowledge the duty to disclose to the US Patent & T	rademark 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 false statement	made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not mo	re than five (5) years, or both.
Pocusigned by:  /Koluit Prasad/	
October 6, 2017	
Date	

{W6349799.1} Page 6 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEECH</u>	I PROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry F Frédéric Johan Georges Deramat, Stephen Fre	
<b><u>DECLARATION</u></b> As a below named inventor, I hereby declare the	nat:
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PCT International Application number	per filed on
The above-identified application was made or a	authorized to be made by me.
I believe that I am the original inventor or an or application.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	of the above-identified application, and
acknowledge the duty to disclose to the US Pat	ent & Trademark Office all information known to
me to be material to the patentability as define	ed in 37 CFR 1.56.
I hereby acknowledge that any willful false stat	ement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of	not more than five (5) years, or both.
Docusigned by:  /kerry Hammil/	
Kerry Hammil	
October 6, 2017	
Date	

{W6349799.1} Page 7 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEE</u>	CH PROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerr Frédéric Johan Georges Deramat, Stephen I	y Hammil, Spyridon Matsoukas, Nikko Strom, Frederick Potter, Young-Bum Kim
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United States Patent Application	number <u>15/712,625</u> filed on <u>September 22, 2017</u> ; or
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The above-identified application was made o	or authorized to be made by me.
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I hereby acknowledge that any willful false s	tatement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	of not more than five (5) years, or both.
027305E823F44C3	
Spyridon Matsoukas	
October 9, 2017	
Date	

{W6349799.1} Page 8 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEECH PF</u>	ROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Han Frédéric Johan Georges Deramat, Stephen Frede	
<b>DECLARATION</b> As a below named inventor, I hereby declare that:	
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I hereby acknowledge that any willful false statem under 18 USC 1001 by fine or imprisonment of no	·
under 18 03C 1001 by fine of imprisonment of no	thore than five (3) years, or both.
DocuSigned by: /MLLO Strom/	
Nikko Strom	
October 6, 2017	
Date	

{W6349799.1} Page 9 of 12

U.S. Patent Appin. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEECH PROC</u>	CESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Hamm Frédéric Johan Georges Deramat, Stephen Fredericl	· • •
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States Patent Application number	15/712,625 filed on <u>September 22, 2017</u> ; or
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Docusigned by:  IFrédéric Johan Georges Deramat/	
October 11, 2017	
Date	

{W6349799.1} Page 10 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SF</u>	PEECH PROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, K Frédéric Johan Georges Deramat, Stephe	erry Hammil, Spyridon Matsoukas, Nikko Strom, en Frederick Potter, Young-Bum Kim
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	ents of the above-identified application, and
-	JS Patent & Trademark Office all information known to
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Stephen Frederick Potter	
October 6, 2017	
Date	

{W6349799.1} Page 11 of 12

U.S. Patent Appln. No. <u>15/712,625</u>	Attorney Docket No. <u>34703-8865</u>
Filing Date <u>September 22, 2017</u>	Client Docket No. <u>P41063-US</u>
Title of Invention: <u>NATURAL LANGUAGE SPEECH F</u>	PROCESSING APPLICATION SELECTION
Inventors: Ruhi Sarikaya, Rohit Prasad, Kerry Ha Frédéric Johan Georges Deramat, Stephen Fred	
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Docusigned by: //OWNG-Bum kim/	
Young-Bum Kim	
October 9, 2017	
Date	

{W6349799.1} Page 12 of 12

**RECORDED: 10/25/2017**