505818524 12/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGDA MAO	12/10/2019
GEORGE YU-CHIEN LIN	12/10/2019
SUNDARARAJAN SRINIVASAN	12/10/2019
CHU-CHENG HSIEH	12/12/2019

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.
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City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16712567

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P66975-US01
NAME OF SUBMITTER:	STEVEN J. RUSSELL
SIGNATURE:	/Steven J. Russell/
DATE SIGNED:	12/12/2019

Total Attachments: 7

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U.S. Patent Appln. No	Attorney Docket No. 34703-09946
Filing Date	Client Docket No. P66975-US01
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Hongda Mao	
410 Terry Avenue North	
Seattle, WA 98109-5210	
George Yu-Chien Lin	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Sundararajan Srinivasan	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Chu-Cheng Hsieh	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Assignee:	
Amazon Technologies, Inc.	
PO Box 81226	
Seattle, WA 98108-1226	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed above) are inventor(s)	of an invention entitled
"SPEECH PROCESSING" (Invention) for which a non-provision	onal application for United States
Letters Patent (Application):	
was filed on and accorded U.S. Applie	cation No; or
will be filed concurrently with the submission of t	his executed PATENT ASSIGNMENT
for recordation.	

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

U.S. Patent Appln. No	Attorney Docket No. 34703-09946
Filing Date	Client Docket No. P66975-US01
Title of Invention: SPEECH PROCESSING	
Inventors: Hongda Mao, George Yu-Chien Lin, Sundara	arajan Srinivasan, Chu-Cheng Hsieh,
Pierce Atwood LLP, associated with Customer No. <u>1367</u>	714, to insert in the header above and here
in parentheses (U.S. Patent Application No	
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) agree to execute all

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Attorney Docket No. 34703-09946

Filing Date _____ Client Docket No. P66975-US01

Title of Invention: SPEECH PROCESSING

U.S. Patent Appln. No. _____

Inventors: Hongda Mao, George Yu-Chien Lin, Sundararajan Srinivasan, Chu-Cheng Hsieh,

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 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 N	o. 34703-09946
Filing Date		Client Docket No	o. P66975-US01
Title of Invention: SPEECH PROCESSING			
Inventors: Hongda Mao, George Yu-Chien	Lin, Sundararaja	an Srinivasan, Chu-Chei	ng Hsieh,
<u>DECLARATION</u> As a below named inventor, I hereby declar	are that:		
This declaration is directed to:			
the attached application; or			
United States Patent Application	on number	filed on	; or
PCT International Application r	າumber	filed on	¹
The above-identified application was mad	e or authorized t	to be made by me.	
I believe that I am the original inventor or application.	an original joint	inventor of a claimed Ir	nvention in the
I have reviewed and understand the conte	ents of the above	e-identified application,	and
acknowledge the duty to disclose to the U	S Patent & Trade	emark Office all informa	ition known to
me to be material to the patentability as d	lefined in 37 CFR	t 1.56.	
I hereby acknowledge that any willful false	e statement mac	le in this declaration is p	ounishable
under 18 USC 1001 by fine or imprisonmen	nt of not more t	han five (5) years, or bo	th.
DocuSigned by:			
/Hongda Mao/ 			
Hongda Mao			
December 10, 2019			
Date			

U.S. Patent Appln. No	Attorney Docket No. 34703-0994
Filing Date	Client Docket No. P66975-USC
Title of Invention: SPEECH PROCESSING	
Inventors: Hongda Mao, George Yu-Chien	n Lin, Sundararajan Srinivasan, Chu-Cheng Hsieh,
<u>DECLARATION</u> As a below named inventor, I hereby declar	re that:
This declaration is directed to:	
igstyle the attached application; or	
United States Patent Applicatio	on number filed on; or
PCT International Application no	number filed on
The above-identified application was made	e or authorized to be made by me.
I believe that I am the original inventor or a application.	an original joint inventor of a claimed Invention in the
I have reviewed and understand the conten	nts of the above-identified application, and acknowledg
the duty to disclose to the US Patent & Trac	demark Office all information known to me to be
material to the patentability as defined in $\ensuremath{3}$	37 CFR 1.56.
	statement made in this declaration is punishable under
18 USC 1001 by fine or imprisonment of no	ot more than five (5) years, or both.
Docusigned by: 1 George Yu-Union Uni A3DA7D4DE33466	
George Yu-Chien Lin	
December 10, 2019	
Date	

U.S. Patent Appln. No	Attorney Docket No. 34703-0994
Filing Date	Client Docket No. P66975-US0
Title of Invention: SPEECH PROCESSING	
Inventors: Hongda Mao, George Yu-Chie	en Lin, Sundararajan Srinivasan, Chu-Cheng Hsieh,
<u>DECLARATION</u> As a below named inventor, I hereby decla	are that:
This declaration is directed to:	
igstyle igstyle the attached application; or	
United States Patent Application	ion number filed on; or
PCT International Application r	number filed on
The above-identified application was made I believe that I am the original inventor or a application.	le or authorized to be made by me. an original joint inventor of a claimed Invention in the
I have reviewed and understand the conte	ents of the above-identified application, and acknowledge
the duty to disclose to the US Patent & Tra	ademark Office all information known to me to be
material to the patentability as defined in 3	37 CFR 1.56.
I hereby acknowledge that any willful false 18 USC 1001 by fine or imprisonment of no	e statement made in this declaration is punishable under ot more than five (5) years, or both.
Docusigned by: /Sundararajan Srinivasan/	
December 10, 2019	
Date	•

RECORDED: 12/12/2019

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No.		Attorney Docket	No. 34703-09946
Filing Date		Client Docket	No. P66975-US01
Title of Invention: SPEECH PROCESSING			
Inventors: Hongda Mao, George Yu-Chien Lir	n, Sundararajan	Srinivasan, Chu-Cl	heng Hsieh,
DECLARATION As a below named inventor, I hereby declare the	nat:		
This declaration is directed to:			
$igstyle{igstyle}$ the attached application; or			
United States Patent Application n	umber	filed on	; or
PCT International Application num	ber	filed on	announce."
The above-identified application was made or a large state of the larg		·	ovention in the
I have reviewed and understand the contents of	of the above-ide	ntified application,	and acknowledge
the duty to disclose to the US Patent & Traderr	nark Office all int	formation known to	me to be
material to the patentability as defined in 37 C	FR 1.56.		
I hereby acknowledge that any willful false stat 18 USC 1001 by fine or imprisonment of not m			ounishable under
Docusigned by: // Lun-lung Hsiel/ Chu-Cheng Hsieh			
December 12, 2019			
Date			

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