# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7685874

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	507515764

#### **CONVEYING PARTY DATA**

Name	Execution Date
VIVEK GOVINDAN	09/13/2022
VARUN SEMBIUM VARADARAJAN	05/27/2022
CHRISTIAN EGON BERKHOFF DOSSOW	05/27/2022
HIMALAY MOHANLAL JORIWAL	05/27/2022
SAI MADHURI BHAVIRISETTY	07/15/2022
ABHINAV KUMAR	06/13/2022
ORESTIS LYKOUROPOULOS	06/20/2022
AKSHAY NALWAYA	05/27/2022
SRAVAN BABU BODAPATI	06/09/2022
LIANGWEI GUO	06/17/2022
JULIAN E. S. SALAZAR	05/27/2022
YIBIN WANG	06/17/2022
. K P N V D S SIVA RAMA	05/31/2022
MOHIT NARENDRA GUPTA	05/27/2022
ASEM RUSTUM	06/07/2022
KATRIN KIRCHHOFF	05/27/2022
PU ZHAO	06/19/2022

### **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:	15931455

#### **CORRESPONDENCE DATA**

PATENT REEL: 062045 FRAME: 0707

507638978

**Fax Number:** (512)853-8801

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:** 5128538800

Email: acallahan@intprop.com
Correspondent Name: ROBERT C. KOWERT

Address Line 1: 1120 S CAPITAL OF TEXAS HWY BUILDING 2, SUITE 300

Address Line 4: AUSTIN, TEXAS 78746

ATTORNEY DOCKET NUMBER:	7924-18900
NAME OF SUBMITTER:	ROBERT C. KOWERT
SIGNATURE:	/Robert C. Kowert/
DATE SIGNED:	12/09/2022

#### **Total Attachments: 24**

source=P70334-US01-Assignment-corrected#page1.tif source=P70334-US01-Assignment-corrected#page2.tif source=P70334-US01-Assignment-corrected#page3.tif source=P70334-US01-Assignment-corrected#page4.tif source=P70334-US01-Assignment-corrected#page5.tif source=P70334-US01-Assignment-corrected#page6.tif source=P70334-US01-Assignment-corrected#page7.tif source=P70334-US01-Assignment-corrected#page8.tif source=P70334-US01-Assignment-corrected#page9.tif source=P70334-US01-Assignment-corrected#page10.tif source=P70334-US01-Assignment-corrected#page11.tif source=P70334-US01-Assignment-corrected#page12.tif source=P70334-US01-Assignment-corrected#page13.tif source=P70334-US01-Assignment-corrected#page14.tif source=P70334-US01-Assignment-corrected#page15.tif source=P70334-US01-Assignment-corrected#page16.tif source=P70334-US01-Assignment-corrected#page17.tif source=P70334-US01-Assignment-corrected#page18.tif source=P70334-US01-Assignment-corrected#page19.tif source=P70334-US01-Assignment-corrected#page20.tif source=P70334-US01-Assignment-corrected#page21.tif source=P70334-US01-Assignment-corrected#page22.tif source=P70334-US01-Assignment-corrected#page23.tif source=P70334-US01-Assignment-corrected#page24.tif

> PATENT REEL: 062045 FRAME: 0708

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

#### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Vivek Govindan 410 Terry Avenue North Seattle, WA 98109-5210

Varun Sembium Varadarajan 410 Terry Avenue North Seattle, WA 98109-5210

Christian Egon Berkhoff Dossow 410 Terry Avenue North Seattle, WA 98109-5210

Himalay Mohanlal Joriwal 410 Terry Avenue North Seattle, WA 98109-5210

Sai Madhuri Bhavirisetty 410 Terry Avenue North Seattle, WA 98109-5210

Abhinav Kumar 410 Terry Avenue North Seattle, WA 98109-5210

Orestis Lykouropoulos 410 Terry Avenue North Seattle, WA 98109-5210

Akshay Nalwaya 410 Terry Avenue North Seattle, WA 98109-5210

Rahul Gupta 410 Terry Avenue North Seattle, WA 98109-5210

Sravan Babu Bodapati 410 Terry Avenue North Seattle, WA 98109-5210

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS

Liangwei Guo 410 Terry Avenue North Seattle, WA 98109-5210

Julian E S Salazar 410 Terry Avenue North Seattle, WA 98109-5210

Yibin Wang 410 Terry Avenue North Seattle, WA 98109-5210

K P N V D S SIVA RAMA 410 Terry Avenue North Seattle, WA 98109-5210

Calvin Xuan Li 410 Terry Avenue North Seattle, WA 98109-5210

Mohit Narendra Gupta 410 Terry Avenue North Seattle, WA 98109-5210

Asem Rustum 410 Terry Avenue North Seattle, WA 98109-5210

Katrin Kirchhoff 410 Terry Avenue North Seattle, WA 98109-5210

Pu Zhao 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

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS

"MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS" (Invention) for which a non-provisional application for United States Letters Patent (Application):

<b>M</b>	was filed on 13 May 2020 and accorded U.S. Application No. 15/931,455; 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 Kowert, Hood, Munyon, Rankin & Goetzel, P.C., associated with
	Customer No. 136594, 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.

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

Page 3 of 24

U.S. Patent Appln. No. 15/931,455

Filing Date 13 May 2020

Attorney Docket No. 7924-18900

Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS

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(5) 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.

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

Page 4 of 24

PATENT

REEL: 062045 FRAME: 0712

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020

Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS

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.

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020

Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS
DECLARATION As a below named inventor, I hereby declare that:
This declaration is directed to:
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☑ United States Patent Application number 15/931,455 filed on 13 May 2020; or
PCT International Application number filed on
The above-identified application was made or 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 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 false statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
Mirek Gowindan/ 6A580C02B86A436
Vivek Govindan
June 13, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020

Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
DocuSigned by:
Varun Sembium Varadarajan/
Varun Sembium Varadarajan
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of invention, wooder (Mining 315) End on Costonial Scene (Costonial Models
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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
// Docusigned by: // Christian Egon Berkhoff Dossow/ 684D5A5A69BF40D
Christian Egon Berkhoff Dossow
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
Docusigned by:  /Himalay Molanulal Joriwal/ B42B0F24B3ED4E5
Himalay Mohanlal Joriwal
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Tide of invention, who be transing 3131EW FOR COSTON SCEECH FO-TEXT MODELS
<u>DECLARATION</u> As a below named inventor, I hereby declare that:
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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
/Sai Madhuri Bhavirisetty/ Sai Madhuri Bhavirisetty
July 15, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR COSTOM SPEECH-TO-TEXT MODELS
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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
DocuSigned by:
/Abhiran temar/
Abhinav Kumar
June 13, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
Docusigned by:  / Ovestis Lykowopoulos/
Orestis Lykouropoulos
June 20, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020

Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

THE OF HIVERBOIL WOODLE FRAIMING 3731EWFFOR COSTONIUS ELCHI-10-7EAF MODELS
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Docusigned by:  // Alshay Nalwaya/
Akshay Nalwaya
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

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Rahul Gupta
Date

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Sravan Babu Bodapati/ 
Sravan Babu Bodapati
June 9, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Tide of invention, woodle maining 3131 EW FOR COSTON 35 LECT-10-1 EXT MODELS
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18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
/Liangwi Guo/
Liangwei Guo
June 17, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Tide of invention; Wodel TRAINING SYSTEM FOR COSTOM SPEECH-TO-TEXT MODELS
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DocuSigned by:
/Julian ES Salazar/
Julian E S Salazar
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020

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DocuSigned by:  (Uibin Wary) 0643DB29C4924F5
Yibin Wang
June 17, 2022
Date

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Docusigned by:  /LPNUDS SIVA KAMA/  2AF29B444FBB450
K P N V D S SIVA RAMA
May 31, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

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Calvin Xuan Li
Date

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pocuSigned by:
Molit Narendra Guptal
Mohit Narendra Gupta
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DocuSigned by:
/lsem Rustum/ 849682A223D74A8
Asem Rustum
June 7, 2022
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ride of invention, who dee maining 3131 evil for costoly, 31 electric real models
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PCT International Application number filed on
The above-identified application was made or 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 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 false statement made in this declaration is punishable under
18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
/katrin kirchhoff/ 1824843085D743C
Katrin Kirchhoff
May 27, 2022
Date

U.S. Patent Appln. No. 15/931,455 Filing Date 13 May 2020 Attorney Docket No. 7924-18900 Client Docket No. P70334-US01

Title of Invention: MODEL TRAINING SYSTEM FOR CUSTOM SPEECH-TO-TEXT MODELS

Title of invention: MODEL (KAINING 5751EW) FOR COSTOW SPEECH-10-1EXT MODELS
DECLARATION As a below named inventor, I hereby declare that:
This declaration is directed to:
the attached application; or
United States Patent Application number 15/931,455 filed on 13 May 2020; or
PCT International Application number filed on
The above-identified application was made or 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 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 false statement made in this declaration is punishable under
18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
Pu Lial/ 6580E37F141D40D
Pu Zhao
June 19, 2022
Date

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PATENT REEL: 062045 FRAME: 0732

**RECORDED: 09/28/2022**