### 507717896 01/27/2023

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAVI CHANDRA REDDY YASA	11/06/2019
SAI RAHUL REDDY PULIKUNTA	12/06/2019
ELIAV KAHAN	11/06/2019
GREGORY NEWELL	12/06/2019

### **RECEIVING PARTY DATA**

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State/Country:	WASHINGTON
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	18160403

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P61723-US03CON
NAME OF SUBMITTER:	ILAN N. BARZILAY
SIGNATURE:	/llan N. Barzilay/
DATE SIGNED:	01/27/2023

## **Total Attachments: 7**

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U.S. Patent Appln. No. <u>16/215,105</u>

Attorney Docket No. 34703-4876

Filing Date December 10, 2018

Client Docket No. P61723-US01

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

**Ravi Chandra Reddy Yasa** 410 Terry Avenue North Seattle, WA 98109-5210 **Gregory Newell** 410 Terry Avenue North Seattle, WA 98109-5210

**Sai Rahul Reddy Pulikunta** 410 Terry Avenue North Seattle, WA 98109-5210

Eliav Kahan

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 
"GENERATING INPUT ALTERNATIVES" (Invention) for which a non-provisional application for 
United States Letters Patent (Application):

$\boxtimes$	was filed on <u>December 10, 2018</u> and accorded U.S. Application No. <u>16/215,105</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 <a href="Pierce Atwood LLP">Pierce Atwood LLP</a>, associated with Customer No. <a href="136714">136714</a>, to insert in the header above and here in parentheses (U.S. Patent Application No. <a href="167215,105">16/215,105</a>, filed <a href="December 10">December 10</a>, <a href="2018">2018</a>) this application's U.S. application number and filing date, when known.

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U.S. Patent Appln. No. 16/215,105

Attorney Docket No. 34703-4876

Filing Date <u>December 10, 2018</u>

Client Docket No. P61723-US01

Title of Invention: GENERATING INPUT ALTERNATIVES

Inventors: Ravi Chandra Reddy Yasa, Sai Rahul Reddy Pulikunta, Eliav Kahan, Gregory Newell

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

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U.S. Patent Appln. No. 16/215,105

Attorney Docket No. 34703-4876

Filing Date December 10, 2018

Client Docket No. P61723-US01

Title of Invention: GENERATING INPUT ALTERNATIVES

Inventors: Ravi Chandra Reddy Yasa, Sai Rahul Reddy Pulikunta, Eliav Kahan, Gregory Newell

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. <u>16/215,105</u>	Attorney Docket No. <u>34703-4876</u>
Filing Date <u>December 10, 2018</u>	Client Docket No. P61723-US01
Title of Invention: GENERATING INPUT ALTER	RNATIVES
Inventors: Ravi Chandra Reddy Yasa, Sai Ra	hul Reddy Pulikunta, Eliav Kahan, Gregory Newell
DECLARATION	
As a below named inventor, I hereby declare	e that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	n number <u>16/215,105</u> filed on <u>December 10, 2018</u> ; or
PCT International Application nu	mberfiled on
The above-identified application was made	or authorized to be made by me.
I believe that I am the original inventor or a application.	n original joint inventor of a claimed Invention in the
I have reviewed and understand the conten	ts of the above-identified application, and
acknowledge the duty to disclose to the $\ensuremath{US}$	Patent & Trademark Office all information known to
me to be material to the patentability as de	fined in 37 CFR 1.56.
I hereby acknowledge that any willful false s	statement 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:  / Kavi Chandra Reddy Yasa/  474BA381BC2D463	
Ravi Chandra Reddy Yasa	
November 6, 2019	
Date	

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U.S. Patent Appln. No. <u>16/215,105</u>	Attorney Docket No. <u>34703-4876</u>
Filing Date <u>December 10, 2018</u>	Client Docket No. <u>P61723-US01</u>
Title of Invention: GENERATING INPUT ALTERNATIVE	<u>S</u>
Inventors: Ravi Chandra Reddy Yasa, Sai Rahul Red	dy Pulikunta, Eliav Kahan, Gregory Newell
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PCT International Application number	filed on
The above-identified application was made or author	orized to be made by me.
I believe that I am the original inventor or an original application.	al 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 Patent 8	& 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 stateme	nt made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not i	more than five (5) years, or both.
/Sai Kalul Keddy Pulikunta/ 2FA5B826F818481	
Sai Rahul Reddy Pulikunta	
December 6, 2019	
Date	

{\text{W7018220.1}} Page 5 of 7

U.S. Patent Appln. No. <u>16/215,105</u>	Attorney Docket No. <u>34703-4876</u>
Filing Date <u>December 10, 2018</u>	Client Docket No. P61723-US01
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I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
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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 of	of not more than five (5) years, or both.
DocuSigned by:  / Elian kallan/  E63046238C1B43A	
Eliav Kahan	
November 6, 2019	
Date	

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U.S. Patent Appln. No. <u>16/215,105</u>	Attorney Docket No. <u>34703-4876</u>
Filing Date <u>December 10, 2018</u>	Client Docket No. <u>P61723-US01</u>
Title of Invention: GENERATING INPUT ALT	<u>ERNATIVES</u>
Inventors: Ravi Chandra Reddy Yasa, Sai F	ahul Reddy Pulikunta, Eliav Kahan, Gregory Newell
DECLARATION	
As a below named inventor, I hereby decla	re that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	on number <u>16/215,105</u> filed on <u>December 10, 2018</u> ; or
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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 inventor of a claimed Invention in the
I have reviewed and understand the conte	nts of the above-identified application, and
acknowledge the duty to disclose to the U	S Patent & Trademark Office all information known to
me to be material to the patentability as d	efined in 37 CFR 1.56.
I hereby acknowledge that any willful false under 18 USC 1001 by fine or imprisonmen	e statement made in this declaration is punishable nt of not more than five (5) years, or both.
Docusigned by:  1 Gregory Newell  1FC6CCFA04CF4B1	
Gregory Newell	
December 6, 2019	
Date	

{\text{W7018220.1}} Page 7 of 7

**RECORDED: 01/27/2023**