PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7900915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANUPAM SRIVASTAVA	11/03/2020
ADRIAN KWOK	11/05/2020
VENKATA RAO PEDAPATI	11/03/2020
HELBERT FONSECA MAICH	11/03/2020

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:	17090755

CORRESPONDENCE DATA

Fax Number:	(949)760-9502

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:	9497600404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET
Address Line 4:	IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	SEAZN.1738A
NAME OF SUBMITTER:	/CHRISTOPHER L. LEWIS/
SIGNATURE:	/Christopher L. Lewis/
DATE SIGNED:	04/13/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7
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PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. __17/090755__   Attorney Docket No. SEAZN.1738A
Filing Date __November 5, 2020__   Client Docket No. P70633-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Anupam Srivastava
410 Terry Avenue North
Seattle, WA 98109-5210

Adrian Kwok
410 Terry Avenue North
Seattle, WA 98109-5210

Venkata Rao Pedapati
410 Terry Avenue North
Seattle, WA 98109-5210

Helbert Fonseca Maich
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

"DATA RECALCULATION AND LIVELINESS IN APPLICATIONS" (Invention) for which a non-

provisional application for United States Letters Patent (Application):

☐ was filed on _____ and accorded U.S. Application No. _____; 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 Knobbe, Martens, Olson & Bear, LLP, associated with Customer

No. 79502, to insert in the header above and here in parentheses (U.S. Patent

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>17/090755</u>
Filing Date <u>November 5, 2020</u>

Attorney Docket No. SEAZN.1738A
Client Docket No. P70633-US01

Title of Invention: DATA RECALCULATION AND LIVELINESS IN APPLICATIONS

Inventors: Anupam Srivastava, Adrian Kwok, Venkata Rao Pedapati, Helbert Fonseca Maich

Application No. <u>17/090755</u>, filed <u>November 5, 2020</u>) 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)

agree to execute all instruments and documents required for the making and prosecution of

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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.

**PATENT
REEL: 063320 FRAME: 0884**

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/090755   Attorney Docket No. SEAZN.1738A
Filing Date November 5, 2020   Client Docket No. P70633-US01

Title of Invention: DATA RECALCULATION AND LIVELINESS IN APPLICATIONS

Inventors: Anupam Srivastava, Adrian Kwok, Venkata Rao Pedapati, Helbert Fonseca Maich

DECLARATION

As a below named inventor, I hereby declare that:
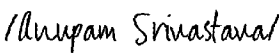
This declaration is directed to:

☒ the attached application; or

☐ United States Patent Application number _____ filed on _____ ; 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.

DocuSigned by:

/Anupam Srivastava/
2AF40676BB994C0

Anupam Srivastava

November 3, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. _17/090755_
Filing Date _November 5, 2020_

Attorney Docket No. SEAZN.1738A
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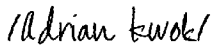
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DocuSigned by:

/Adrian kwok/

57941E4CDD5F470

Adrian Kwok

November 5, 2020

Date

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U.S. Patent Appln. No. 17/090755
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DocuSigned by:

Venkata Rao Pedapati/
32A73BB19757444

Venkata Rao Pedapati

November 3, 2020

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/090755
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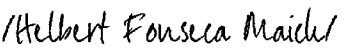
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DocuSigned by:

/Helbert Fonseca Maich/
8A2E75EE8F77432

Helbert Fonseca Maich

November 3, 2020

Date

PATENT
RECORDED: 04/13/2023
REEL: 063320 FRAME: 0888