507910166 05/16/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7957291

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------|----------------|
| WEI HUANG | 05/10/2023 |

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: | 17363718 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: fali@pierceatwood.com

Correspondent Name: PIERCE ATWOOD LLP (ATTN: AMAZON DOCKETING)

Address Line 1: 100 SUMMER STREET

Address Line 4: BOSTON, MASSACHUSETTS 02110

| ATTORNEY DOCKET NUMBER: | P73474-US01 |
|-------------------------|--|
| NAME OF SUBMITTER: | ILAN N. BARZILAY |
| SIGNATURE: | /llan N. Barzilay/ |
| DATE SIGNED: | 05/16/2023 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 5

source=P73474-US01 Assignment Declaration#page1.tif

source=P73474-US01_Assignment_Declaration#page2.tif

source=P73474-US01_Assignment_Declaration#page3.tif

source=P73474-US01_Assignment_Declaration#page4.tif

source=P73474-US01 Assignment Declaration#page5.tif

PATENT REEL: 063661 FRAME: 0150

507910166

U.S. Patent Appln. No. 17/363,718 Filing Date 30 Jun 2021 Attorney Docket No. 34703-4316 Client Docket No. P73474-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Longhua You 410 Terry Avenue North Seattle, WA 98109-5210

Yingwei Li 410 Terry Avenue North Seattle, WA 98109-5210

Yan Cui 410 Terry Avenue North Seattle, WA 98109-5210

Mayank Thakore 410 Terry Avenue North Seattle, WA 98109-5210

Tianbin Jiang 410 Terry Avenue North Seattle, WA 98109-5210

Chunzhang Mo 410 Terry Avenue North Seattle, WA 98109-5210

Wei Huang 410 Terry Avenue North Seattle, WA 98109-5210

Shuo Li 410 Terry Avenue North Seattle, WA 98109-5210

Ross William Snider 410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226

U.S. Patent Appln. No. 17/363,718

Filing Date 30 Jun 2021

Attorney Docket No. 34703-4316 Client Docket No. P73474-US01

Title of Invention: ACCESSING AND ENCODING DATA

Seattle, WA 98108-1226

AGREEMENT

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

"ACCESSING AND ENCODING DATA" (Invention) for which a non-provisional application for

United States Letters Patent (Application):

was filed on 30 Jun 2021 and accorded U.S. Application No. 17/363,718; 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 Pierce Atwood LLP, associated with Customer No. 136714, 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

Page 2 of 5

U.S. Patent Appln. No. 17/363,718

Filing Date 30 Jun 2021

Attorney Docket No. 34703-4316

Client Docket No. P73474-US01

Title of Invention: ACCESSING AND ENCODING DATA

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

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

Page 3 of 5

U.S. Patent Appln. No. 17/363,718

Filing Date 30 Jun 2021

Attorney Docket No. 34703-4316

Client Docket No. P73474-US01

Title of Invention: ACCESSING AND ENCODING DATA

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.

Page 4 of 5

RECORDED: 05/16/2023

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 17/363,718 Filing Date 30 Jun 2021

Attorney Docket No. 34703-4316 Client Docket No. P73474-US01

Title of Invention: ACCESSING AND ENCODING DATA

| Title of invention: Accessing and encoping data |
|---|
| DECLARATION As a below named inventor, I hereby declare that: |
| This declaration is directed to: |
| the attached application; or |
| ☑ United States Patent Application number 17/363,718 filed on 30 Jun 2021; 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: / Wei Huang/ ———————————————————————————————————— |
| Date |

Page 5 of 5