505656187 09/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5702993

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------------|----------------|
| FAN PING | 08/23/2019 |
| ANDREW BOYER | 08/23/2019 |
| OLEKSANDR CHYCHYKALO | 08/29/2019 |
| JAMES PINKERTON | 08/23/2019 |
| DANNY WEI | 08/28/2019 |
| NORBERT PAUL KUSTERS | 08/23/2019 |
| DIVYA ASHOK KUMAR JAIN | 09/04/2019 |
| JIANHUA FAN | 09/03/2019 |
| THOMAS TARAK MATHEW VEPPUMTHARA | 08/25/2019 |
| SEBASTIANO PELUSO | 08/23/2019 |

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: | 16560860 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 6924-96800

| NAME OF SUBMITTER: | ROBERT C. KOWERT | |
|--|--------------------|--|
| SIGNATURE: | /Robert C. Kowert/ | |
| DATE SIGNED: | 09/05/2019 | |
| Total Attachments: 14 | | |
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| U.S. Patent Appln. No | Attorney Docket No. <u>6924-96800</u> | |
|---|---|--|
| Filing Date | Client Docket No. <u>P65750-US01</u> | |
| PARTIES TO THE ASSIGNMENT | | |
| Assignor(s): | | |
| Fan Ping | Norbert Paul Kusters | |
| 410 Terry Avenue North | 410 Terry Avenue North | |
| Seattle, WA 98109-5210 | Seattle, WA 98109-5210 | |
| Andrew Boyer | Divya Ashok Kumar Jain | |
| 410 Terry Avenue North | 410 Terry Avenue North | |
| Seattle, WA 98109-5210 | Seattle, WA 98109-5210 | |
| Oleksandr Chychykalo | Jianhua Fan | |
| 410 Terry Avenue North | 410 Terry Avenue North | |
| Seattle, WA 98109-5210 | Seattle, WA 98109-5210 | |
| James Pinkerton | Thomas Tarak Mathew Veppumthara | |
| 410 Terry Avenue North | 410 Terry Avenue North | |
| Seattle, WA 98109-5210 | Seattle, WA 98109-5210 | |
| Danny Wei | Sebastiano Peluso | |
| 410 Terry Avenue North | 410 Terry Avenue North | |
| Seattle, WA 98109-5210 | 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 | |
| "BLOCK-STORAGE SERVICE SUPPORTING MULTI-ATT | <u>FACH</u> " (Invention) for which a non-provisional | |
| application for United States Letters Patent (Applic | ation): | |
| was filed on and accorded | U.S. Application No; or | |
| will be filed concurrently with the submission of this executed PATENT ASSIGNMENT | | |
| for recordation. | | |

Page 1 of 14

| U.S. Patent Appln. No | Attorney Docket No. <u>6924-96800</u> |
|-----------------------|---------------------------------------|
| Filing Date | Client Docket No. <u>P65750-US01</u> |

Title of Invention: <u>BLOCK-STORAGE SERVICE SUPPORTING MULTI-ATTACH</u>

Inventors: Fan Ping, Andrew Boyer, Oleksandr Chychykalo, James Pinkerton, Danny Wei, Norbert Paul Kusters, Divya Ashok Kumar Jain, Jianhua Fan, Thomas Tarak Mathew Veppumthara, Sebastiano Peluso

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

Meyertons, Hood, Kivlin, Kowert & 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 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

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Attorney Docket No. 6924-96800

Filing Date _____ Client Docket No. <u>P65750-US01</u>

Title of Invention: <u>BLOCK-STORAGE SERVICE SUPPORTING MULTI-ATTACH</u>

Inventors: Fan Ping, Andrew Boyer, Oleksandr Chychykalo, James Pinkerton, Danny Wei, Norbert Paul Kusters, Divya Ashok Kumar Jain, Jianhua Fan, Thomas Tarak Mathew

Veppumthara, Sebastiano Peluso

U.S. Patent Appln. No. _____

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 successors, legal representatives and assigns, to obtain

Page 3 of 14

| U.S. Patent Appin. No | Attorney Docket No. <u>6924-96800</u> | | |
|---|---------------------------------------|--|--|
| Filing Date | Client Docket No. P65750-US01 | | |
| Title of Invention: <u>BLOCK-STORAGE SERVICE SUPPORTING MULTI-ATTACH</u> | | | |
| Inventors: Fan Ping, Andrew Boyer, Oleksandr Chychykalo, Jar Norbert Paul Kusters, Divya Ashok Kumar Jain, Jianhua Fan, Ti Veppumthara, Sebastiano Peluso | • • | | |
| and enforce proper patent protection for the Invention in all | countries. These provisions are | | |
| binding upon ASSIGNOR's heirs, legal representatives, administ | rators, and assigns. | | |

| U.S. Patent Appln. No | Attorney Docket No. 6924-96800 | | |
|---|---|--|--|
| Filing Date | Client Docket No. <u>P65750-US01</u> | | |
| Title of Invention: BLOCK-STORAGE SERVICE SUPPORTING MULTI-ATTACH | | | |
| - : | ssandr Chychykalo, James Pinkerton, Danny Wei, ar Jain, Jianhua Fan, Thomas Tarak Mathew | | |
| <u>DECLARATION</u> | | | |
| As a below named inventor, I hereby dec | lare that: | | |
| This declaration is directed to: | | | |
| igtimes the attached application; or | | | |
| United States Patent Applicat | tion number filed on; or | | |
| PCT International Application | number filed on | | |
| The above-identified application was ma | de or authorized to be made by me. | | |
| I believe that I am the original inventor o application. | r an original joint inventor of a claimed Invention in the | | |
| I have reviewed and understand the con- | tents 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 fal | se statement made in this declaration is punishable | | |
| under 18 USC 1001 by fine or imprisonm | ent of not more than five (5) years, or both. | | |
| DocuSigned by: | | | |
| /Fan fing/ | | | |
| Fan Ping | | | |
| August 23, 2019 | | | |
| Date | | | |

| U.S. Patent Appln. No | | Attorney Docket I | No. <u>6924-96800</u> |
|---|--------------------|-----------------------------|-----------------------|
| Filing Date | | Client Docket No | o. <u>P65750-US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERVI</u> | CE SUPPORTING | MULTI-ATTACH | |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | • • | | • |
| DECLARATION | | | |
| As a below named inventor, I hereby dec | lare that: | | |
| This declaration is directed to: | | | |
| igstyle igstyle igstyle the attached application; or | | | |
| United States Patent Applicat | tion number | filed on | ; or |
| PCT International Application | number | filed on | <u>_</u> . |
| The above-identified application was ma | de or authorized | to be made by me. | |
| I believe that I am the original inventor o application. | r an original join | t inventor of a claimed Ir | nvention in the |
| I have reviewed and understand the cont | tents of the abov | e-identified application, | and |
| acknowledge the duty to disclose to the me to be material to the patentability as | | | ation known to |
| I hereby acknowledge that any willful fal | se statement ma | de in this declaration is p | ounishable |
| under 18 USC 1001 by fine or imprisonm | ent of not more | than five (5) years, or bo | th. |
| Docusigned by: /Andrew Boyer/ | | | |
| Andrew Boyer | | | |
| | | | |
| August 23, 2019 | | | |
| Date | - | | |

Page 6 of 14

| U.S. Patent Appin. No | | Attorney Docket | No. <u>6924-96800</u> |
|---|---------------------|--------------------------|------------------------|
| Filing Date | | Client Docket N | lo. <u>P65750-US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERVI</u> | CE SUPPORTING M | <u>1ULTI-ATTACH</u> | |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | | | |
| DECLARATION | | | |
| As a below named inventor, I hereby dec | lare that: | | |
| This declaration is directed to: | | | |
| igotimes the attached application; or | | | |
| United States Patent Applicat | tion number | filed on | ; or |
| PCT International Application | number | filed on | · |
| The above-identified application was mad | de or authorized t | o be made by me. | |
| I believe that I am the original inventor o application. | r an original joint | inventor of a claimed | Invention in the |
| I have reviewed and understand the cont | tents of the above | -identified applicatior | n, and |
| acknowledge the duty to disclose to the I | | | nation known to |
| I hereby acknowledge that any willful fals | | | • |
| under 18 USC 1001 by fine or imprisonme | ent of not more th | nan five (5) years, or b | oth. |
| Docusigned by: 10 Uksandr (hydykalo/ | | | |
| Oleksandr Chychykalo | | | |
| | | | |
| August 29, 2019 | | | |
| Date | | | |

Page 7 of 14

| U.S. Patent Appln. No | | Attorney Docket No. <u>6924-96800</u> |
|--|----------------------|---------------------------------------|
| Filing Date | | Client Docket No. P65750-US01 |
| Title of Invention: <u>BLOCK-STORAGE SERVI</u> | CE SUPPORTING MUL | <u> </u> |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | | |
| <u>DECLARATION</u> | | |
| As a below named inventor, I hereby dec | clare that: | |
| This declaration is directed to: | | |
| igotimes the attached application; or | | |
| United States Patent Application | tion number | filed on; or |
| PCT International Application | number | filed on |
| The above-identified application was ma | | |
| I have reviewed and understand the contacknowledge the duty to disclose to the me to be material to the patentability as | US Patent & Tradema | rk Office all information known to |
| I hereby acknowledge that any willful fal | se statement made in | this declaration is punishable |
| under 18 USC 1001 by fine or imprisonm | ent of not more than | five (5) years, or both. |
| Docusigned by: / James Pinkerton/ | | |
| James Pinkerton | | |
| | | |
| August 23, 2019 | | |
| Date | | |

Page 8 of 14

| U.S. Patent Appln. No | | Attorney Docket No. <u>6924-96800</u> |
|---|-----------------------|---------------------------------------|
| Filing Date | | Client Docket No. P65750-US01 |
| Title of Invention: <u>BLOCK-STORAGE SERVI</u> | CE SUPPORTING MULT | TI-ATTACH |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | | |
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| United States Patent Applicat | tion number | filed on; or |
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| The above-identified application was made of the last | | • |
| I have reviewed and understand the conf | ents of the above-ide | ntified application, and |
| acknowledge the duty to disclose to the | | |
| me to be material to the patentability as | defined in 37 CFR 1.5 | 5. |
| I hereby acknowledge that any willful fals under 18 USC 1001 by fine or imprisonme | | |
| Docusigned by: Dawy Wil/ | | |
| | | |
| August 28, 2019 | | |
| Date | | |

Page 9 of 14

| U.S. Patent Appln. No | | Attorney Docket | No. <u>6924-96800</u> |
|---|---------------------|--------------------------|------------------------|
| Filing Date | | Client Docket N | lo. <u>P65750-US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERVI</u> | ICE SUPPORTING N | MULTI-ATTACH | |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | | | • |
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| United States Patent Applicat | tion number | filed on | ; or |
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| I believe that I am the original inventor o application. | r an original joint | inventor of a claimed | Invention in the |
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| I hereby acknowledge that any willful fal | | | |
| under 18 USC 1001 by fine or imprisonm | ent of not more t | han five (5) years, or b | oth. |
| Docusigned by: /Norbert Paul Eusters/ | | | |
| Norbert Paul Kusters | | | |
| | | | |
| August 23, 2019 | | | |
| Date | - | | |

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| U.S. Patent Appln. No | | Attorney Docket | No. <u>6924-96800</u> |
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| Filing Date | | Client Docket N | o. <u>P65750-US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERV</u> | ICE SUPPORTING | MULTI-ATTACH | |
| Inventors: Fan Ping, Andrew Boyer, Olek Norbert Paul Kusters, Divya Ashok Kum Veppumthara, Sebastiano Peluso | | | |
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| igstyle igstyle igstyle the attached application; or | | | |
| United States Patent Applica | tion number | filed on | ; or |
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| I have reviewed and understand the conact acknowledge the duty to disclose to the me to be material to the patentability as | US Patent & Trac | lemark Office all inform | |
| I hereby acknowledge that any willful fal | se statement ma | de in this declaration is | punishable |
| under 18 USC 1001 by fine or imprisonm | ent of not more | than five (5) years, or bo | oth. |
| Docusigned by: Divya Jain/ | | | |
| Divya Ashok Kumar Jain | | | |
| | | | |
| September 4, 2019 | _ | | |
| Date | | | |

Page 11 of 14

| U.S. Patent Appln. No | | Attorney Docket I | No. <u>6924-96800</u> |
|--|---------------------|----------------------------|-----------------------|
| Filing Date | | Client Docket No | o. <u>P65750-US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERVICE</u> | SUPPORTING M | <u>IULTI-ATTACH</u> | |
| Inventors: Fan Ping, Andrew Boyer, Oleksa Norbert Paul Kusters, Divya Ashok Kumar Veppumthara, Sebastiano Peluso | | • | |
| <u>DECLARATION</u> | | | |
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| $igstyle{igstyle}$ the attached application; or | | | |
| United States Patent Applicatio | n number | filed on | or |
| PCT International Application no | umber | filed on | <u>_</u> . |
| The above-identified application was made | or authorized t | o be made by me. | |
| I believe that I am the original inventor or a application. | nn original joint i | nventor of a claimed Ir | nvention in the |
| I have reviewed and understand the conter | nts of the above | -identified application, | and |
| acknowledge the duty to disclose to the US | Patent & Trade | mark Office all informa | ation known to |
| me to be material to the patentability as de | efined in 37 CFR | 1.56. | |
| I hereby acknowledge that any willful false | statement mad | e in this declaration is p | ounishable |
| under 18 USC 1001 by fine or imprisonmen | t of not more th | an five (5) years, or bo | th. |
| ،DocuSigned by: | | | |
| Bianlina Fant | | | |
| Jianhua Fan | | | |
| | | | |
| September 3, 2019 | | | |
| Date | | | |

Page 12 of 14

| U.S. Patent Appln. No | | Attorney Docket No. | <u>6924-96800</u> |
|--|------------------------|----------------------------|-------------------|
| Filing Date | | Client Docket No. <u>P</u> | 65750-US01 |
| Title of Invention: BLOCK-STORAGE SERVICE | CE SUPPORTING MULT | I-ATTACH | |
| Inventors: Fan Ping, Andrew Boyer, Oleks Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | | | |
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| Thomas Tarak Mathew Veppumtha Thomas Tarak Mathew Veppumthara | ral | | |
| August 25, 2019 Date | | | |

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| U.S. Patent Appln. No | | Attorney Docket No. <u>6924-9</u> | <u> 6800</u> |
|--|---------------------|-------------------------------------|--------------|
| Filing Date | | Client Docket No. <u>P65750-</u> l | <u>US01</u> |
| Title of Invention: <u>BLOCK-STORAGE SERVIC</u> | E SUPPORTING M | <u>1ULTI-ATTACH</u> | |
| Inventors: Fan Ping, Andrew Boyer, Oleks Norbert Paul Kusters, Divya Ashok Kuma Veppumthara, Sebastiano Peluso | • • | | |
| DECLARATION | | | |
| As a below named inventor, I hereby declar | are that: | | |
| This declaration is directed to: | | | |
| igstyle the attached application; or | | | |
| United States Patent Applicati | on number | filed on; or | |
| PCT International Application | number | filed on | <u>—</u> · |
| The above-identified application was mad | le or authorized to | o be made by me. | |
| I believe that I am the original inventor or application. | an original joint i | inventor of a claimed Invention in | the |
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| Docusigned by: /Schastiano Peluso/ | | | |
| Sebastiano Peluso | | | |
| | | | |
| August 23, 2019 | | | |
| Date | | | |

Page 14 of 14