

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7025605

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ARJUN MATHUR | 06/11/2018 |
| ANDREW ASH | 07/26/2018 |
| ANURAAG BAHL | 03/21/2018 |
| ANDY CHEN | 07/24/2018 |
| AYDIN KESKIN | 06/29/2018 |
| CHRISTOPHER ROGERS | 07/31/2018 |
| ANSHUMAN PRASAD | 07/12/2018 |
| ANKIT SHANKAR | 06/01/2018 |
| CASEY PATTON | 03/26/2018 |
| CHRISTOPHER WYNNYK | 03/23/2018 |
| JOANNA PELLER | 07/16/2018 |
| JONATHAN VICTOR | 07/11/2018 |
| MACKENZIE BOHANNON | 06/25/2018 |
| MITCHELL SKILES | 06/01/2018 |
| NIKHIL TANEJA | 03/26/2018 |
| RYAN NORRIS | 06/27/2018 |
| SCOTT ADAMS | 05/31/2018 |
| SAMUEL SINENSKY | 06/01/2018 |
| SRI KRISHNA VEMPATI | 07/22/2018 |
| THOMAS MATHEW | 06/13/2018 |
| VINOO GANESH | 06/04/2018 |
| RAHIJ RAMSHARAN | 06/01/2018 |

RECEIVING PARTY DATA

| | |
|--------------------------|----------------------------|
| Name: | PALANTIR TECHNOLOGIES INC. |
| Street Address: | 1555 BLAKE STREET |
| Internal Address: | SUITE 250 |
| City: | DENVER |
| State/Country: | COLORADO |
| Postal Code: | 80202 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16895621 |

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.

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Email: efilings@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

| | |
|--------------------------------|----------------|
| ATTORNEY DOCKET NUMBER: | PALAN.676C1 |
| NAME OF SUBMITTER: | SCOTT CROMAR |
| SIGNATURE: | /Scott Cromar/ |
| DATE SIGNED: | 11/15/2021 |

Total Attachments: 105

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

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AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur:  _____ Date: 11 June 2018

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Docket No.: **PALAN.676A**

Page 5 of 6

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

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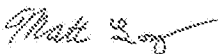
Title: **COMPUTER NETWORK TROUBLESHOOTING**

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

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As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

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ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 4 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: Andrew Ash _____ Date: 7/26/2018

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 5 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

Vinoo Ganesh: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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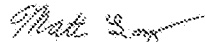
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/27/2018

Printed Name: Matt Long

Title: Legal Counsel

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.83(e))*Application Data Sheet filed previously or concurrently*

Docket No.: PALAN.676A

Page 1 of 5

Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew

App. No.: 15/916073

Filing Date: March 8, 2018

Declaration

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by Christopher Rogers, residing in Brooklyn, NY, Andrew Ash, residing in San Carlos, CA, Anuraag Bahl, residing in New York, NY, Andy Chen, residing in New York, NY, Aydin Keskin, residing in Jersey City, NJ, Arjun Mathur, residing in Stanwood, WA, Anshuman Prasad, residing in New York, NY, Ankit Shankar, residing in Redwood City, CA, Casey Patton, residing in London, United Kingdom, Christopher Wynnyk, residing in Washington, DC, Joanna Peller, residing in London, United Kingdom, Jonathan Victor, residing in New York, NY, Mackenzie Bohannon, residing in San Rafael, CA, Mitchell Skiles, residing in New York, NY, Nikhil Taneja, residing in New York, NY, Ryan Norris, residing in London, United Kingdom, Scott Adams, residing in London, United Kingdom, Samuel Sinensky, residing in New York, NY, Sri Krishna Vempati, residing in Santa Clara, CA, and Thomas Mathew, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

AND Palantir Technologies Inc., a Delaware corporation having offices at 100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301 (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

PATENT**REEL: 058828 FRAME: 0838**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahi, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties, and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

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Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew

App. No.: 15/916073

Filing Date: March 8, 2018

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

PATENT**REEL: 058828 FRAME: 0840**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 4 of 5

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

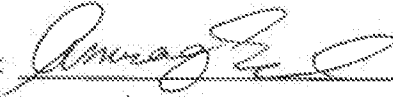
Filing Date: **March 8, 2018**

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl:  _____ Date: 03/21/2018

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.576A

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Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew

App. No.: 15/916073

Filing Date: March 8, 2018

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Palantir Technologies Inc.

Signature: *Matt Long* Date: 7/25/2018

Printed Name: Matt Long Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, **Thomas Mathew**, residing in New York, NY, and, **Vinoo Ganesh**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 3 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 4 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: Andy Chen Date: 7/24/2018

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: DocuSigned by:
Anshuman Prasad
66B91C03C05149A... Date: 7/12/2018

Casey Patton: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: 7/16/2018
DocuSigned by:
Joanna Peller

Jonathan Victor: _____ Date: 7/11/2018
DocuSigned by:
Jonathan Victor
49FE170D8FFD433...
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Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Sri Krishna Vempati:  _____ Date: 7/22/2018

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

Vinoo Ganesh: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Page 6 of 6

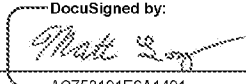
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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 
Printed Name: Matt Long

Date: 7/11/2018
Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

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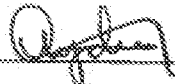
Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin:  _____ Date: 06/29/2018

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

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Samuel Sinensky: _____ Date: _____

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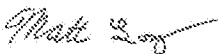
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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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This Declaration is directed to the application identified above that:

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As a named inventor, I declare that:

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ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

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AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

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proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

| | | |
|---------------------|---------------------------|------------------------|
| Inventors | | |
| Christopher Rogers: | <u>Christopher Rogers</u> | Date: <u>7/31/2018</u> |
| Andrew Ash: | _____ | Date: _____ |
| Anuraag Bahl: | _____ | Date: _____ |
| Andy Chen: | _____ | Date: _____ |
| Aydin Keskin: | _____ | Date: _____ |
| Arjun Mathur: | _____ | Date: _____ |
| Anshuman Prasad: | _____ | Date: _____ |
| Casey Patton: | _____ | Date: _____ |

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 5 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

Vinoo Ganesh: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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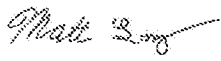
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/31/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

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AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 3 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

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Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

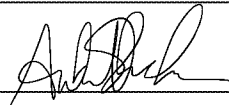
Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar:  _____ Date: **2018-06-01**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Docket No.: **PALAN.676A**

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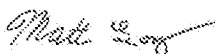
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

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As a named inventor, I declare that:

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I believe that I am the original inventor or an original joint inventor of subject matter which is described in the above-identified application, including a claimed invention.

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

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B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

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D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

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AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

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Docket No.: PALAN.676A

Page 4 of 5

Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahi, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Kriahna Vempati, Thomas Mathew

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Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

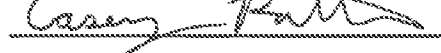
Anuraag Bahi: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton:  Date: March 26, 2018

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 5 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 6 of 6

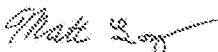
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 5

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in London, United Kingdom, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

AND **Palantir Technologies Inc.**, a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 5

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR'S moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE'S sole discretion, any and all Patent Properties, and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 3 of 5

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

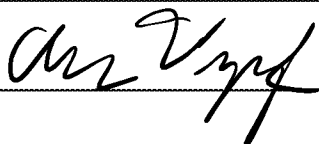
Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

Christopher Wynnyk:  _____ Date: **March 23, 2018**

Joanna Peller: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Page 5 of 5

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Palantir Technologies Inc.

Signature:  Date: 7/25/2018

Printed Name: Matt Long Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, **Thomas Mathew**, residing in New York, NY, and, **Vinoo Ganesh**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

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B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

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proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon:  _____ Date: 06.25.18

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

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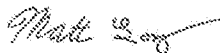
Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: _____



Date: _____

7/25/2018

Printed Name: _____

Matt Long

Title: _____

Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, **Thomas Mathew**, residing in New York, NY, and, **Vinoo Ganesh**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles:  _____ Date: **1 June 2018**

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

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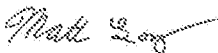
Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: _____



Date: _____

7/25/2018

Printed Name: _____

Matt Long

Title: _____

Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Assignment from Inventor(s)

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D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR'S moral rights, in the work or any improvement thereto.

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AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

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D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

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App. No.: 15/916073

Filing Date: March 8, 2018

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: Nikhil Taneja Date: 3/26/2018

Ryan Norris: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Palantir Technologies Inc.

Signature: Matt Long Date: 7/25/2018

Printed Name: Matt Long Title: Legal Counsel

27838932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

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proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris:  _____ Date: 2018/06/27

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

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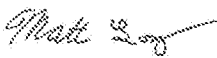
Title: **COMPUTER NETWORK TROUBLESHOOTING**

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

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This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

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D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

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Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: *Rahij* _____ Date: June 1, 2018

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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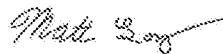
Title: **COMPUTER NETWORK TROUBLESHOOTING**

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App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

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This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

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B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 4 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

Page 5 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams:  _____ Date: **31/05/2018**

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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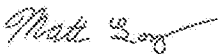
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018*****Declaration***

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, and **Thomas Mathew**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

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D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahl: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))
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Docket No.: **PALAN.676A**

Page 5 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky:  _____ Date: 6/1/18

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: **PALAN.676A**

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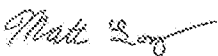
Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

App. No.: **15/916073**

Filing Date: **March 8, 2018**

Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: PALAN.676A

Page 1 of 6

Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew

App. No.: 15/916073

Filing Date: March 8, 2018

Declaration

This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by Christopher Rogers, residing in Brooklyn, NY, Andrew Ash, residing in San Carlos, CA, Anuraag Bahl, residing in New York, NY, Andy Chen, residing in New York, NY, Aydin Keskin, residing in Jersey City, NJ, Arjun Mathur, residing in Stanwood, WA, Anshuman Prasad, residing in New York, NY, Ankit Shankar, residing in Redwood City, CA, Casey Patton, residing in Corona, CA, Christopher Wynnyk, residing in Washington, DC, Joanna Peller, residing in London, United Kingdom, Jonathan Victor, residing in New York, NY, Mackenzie Bohannon, residing in San Rafael, CA, Mitchell Skiles, residing in New York, NY, Nikhil Taneja, residing in New York, NY, Ryan Norris, residing in London, United Kingdom, Rahij Ramsharan, residing in London, United Kingdom, Scott Adams, residing in London, United Kingdom, Samuel Sinensky, residing in New York, NY, Sri Krishna Vempati, residing in Santa Clara, CA, and Thomas Mathew, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

PATENT**REEL: 058828 FRAME: 0919**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 2 of 6

Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND Palantir Technologies Inc., a Delaware corporation having offices at 100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301 (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR'S moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE'S sole discretion, any and all Patent Properties,

PATENT**REEL: 058828 FRAME: 0920**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: PALAN.676A

Page 3 of 6

Title: COMPUTER NETWORK TROUBLESHOOTING

Inventor(s): Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew

App. No.: 15/916073

Filing Date: March 8, 2018

and authorizes and requests the Commissioner of Patents of the U.S., and any Official of any country or countries foreign to the U.S., whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Patent Properties to the ASSIGNEE in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Patent Properties 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 and all proceeds for past infringements of Patent Properties before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Patent Properties, and testify in any legal proceeding, assist in the preparation of any other Patent Properties, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Patent Properties, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.

B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable.

C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal

PATENT**REEL: 058828 FRAME: 0921**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahi, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

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proceeding regarding this Agreement shall be in the state or federal courts of California, in the county of Santa Clara and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.

D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Patent Properties are patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

Inventors

Christopher Rogers: _____ Date: _____

Andrew Ash: _____ Date: _____

Anuraag Bahi: _____ Date: _____

Andy Chen: _____ Date: _____

Aydin Keskin: _____ Date: _____

Arjun Mathur: _____ Date: _____

Anshuman Prasad: _____ Date: _____

Casey Patton: _____ Date: _____

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App. No.: **15/916073**

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Christopher Wynnyk: _____ Date: _____

Joanna Peller: _____ Date: _____

Jonathan Victor: _____ Date: _____

Mackenzie Bohannon: _____ Date: _____

Mitchell Skiles: _____ Date: _____

Nikhil Taneja: _____ Date: _____

Ryan Norris: _____ Date: _____

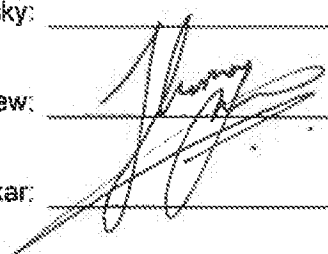
Rahij Ramsharan: _____ Date: _____

Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: **6/13/19**

Ankit Shankar: _____ Date: _____



COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Title: **COMPUTER NETWORK TROUBLESHOOTING**

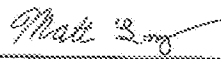
Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahi, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew**

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Palantir Technologies Inc.

Signature: _____



Date: _____

7/25/2018

Printed Name: _____

Matt Long

Title: _____

Legal Counsel

27830932

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

Page 1 of 6

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This Declaration is directed to the application identified above that:

Was filed as the United States application or PCT international application identified above and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 subject matter which is described in the above-identified application, including a claimed invention.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Christopher Rogers**, residing in Brooklyn, NY, **Andrew Ash**, residing in San Carlos, CA, **Anuraag Bahl**, residing in New York, NY, **Andy Chen**, residing in New York, NY, **Aydin Keskin**, residing in Jersey City, NJ, **Arjun Mathur**, residing in Stanwood, WA, **Anshuman Prasad**, residing in New York, NY, **Ankit Shankar**, residing in Redwood City, CA, **Casey Patton**, residing in Corona, CA, **Christopher Wynnyk**, residing in Washington, DC, **Joanna Peller**, residing in London, United Kingdom, **Jonathan Victor**, residing in New York, NY, **Mackenzie Bohannon**, residing in San Rafael, CA, **Mitchell Skiles**, residing in New York, NY, **Nikhil Taneja**, residing in New York, NY, **Ryan Norris**, residing in London, United Kingdom, **Rahij Ramsharan**, residing in London, United Kingdom, **Scott Adams**, residing in London, United Kingdom, **Samuel Sinensky**, residing in New York, NY, **Sri Krishna Vempati**, residing in Santa Clara, CA, **Thomas Mathew**, residing in New York, NY, and, **Vinoo Ganesh**, residing in New York, NY (individual(s), collectively hereinafter "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively hereinafter referred to as the "Work"), for which an application for Letters Patent in the United States (identified above) has been prepared for filing and/or has been filed with the United States Patent and Trademark Office (hereinafter the "Application").

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Title: **COMPUTER NETWORK TROUBLESHOOTING**Inventor(s): **Christopher Rogers, Andrew Ash, Anuraag Bahl, Andy Chen, Aydin Keskin, Arjun Mathur, Anshuman Prasad, Ankit Shankar, Casey Patton, Christopher Wynnyk, Joanna Peller, Jonathan Victor, Mackenzie Bohannon, Mitchell Skiles, Nikhil Taneja, Ryan Norris, Rahij Ramsharan, Scott Adams, Samuel Sinensky, Sri Krishna Vempati, Thomas Mathew, Vinoo Ganesh**App. No.: **15/916073**Filing Date: **March 8, 2018**

AND Palantir Technologies Inc., a Delaware corporation having offices at **100 Hamilton Avenue, Suite 300, Palo Alto, CA 94301** (hereinafter the "ASSIGNEE"), desires to acquire and confirm the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, to the extent not already done so, the entire right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;

B. The Application, including without limitation any of ASSIGNOR'S inventions that may be disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto; all nonprovisional and design applications relating to the Application or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country and all continuations, divisionals, and continuations-in-part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents.

C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the U.S., all extensions, renewals and reissues thereof.

D. Any other related intellectual property rights such as, but not limited to, copyright rights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise, and consents to all acts or omissions by ASSIGNEE, its licensees and others authorized by ASSIGNEE, and its successors in title, whether occurring before or after this consent, which would otherwise constitute infringement of ASSIGNOR's moral rights, in the work or any improvement thereto.

E. Those items of ASSIGNOR'S tangible property embodying or describing the Patent Properties, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered or otherwise made available to ASSIGNEE immediately upon request.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all Patent Properties, and authorizes ASSIGNEE to make and/or file, at ASSIGNEE's sole discretion, any and all Patent Properties,

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*Docket No.: **PALAN.676A**

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Inventors

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Scott Adams: _____ Date: _____

Samuel Sinensky: _____ Date: _____

Thomas Mathew: _____ Date: _____

Ankit Shankar: _____ Date: _____

Vinoo Ganesh:  _____ Date: 06/04/2018

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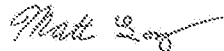
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Palantir Technologies Inc.

Signature: 

Date: 7/25/2018

Printed Name: Matt Long

Title: Legal Counsel

27830932