PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4982616

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADHISH RAMKUMAR	05/09/2018
JINGWEI LUO	05/02/2018
KUSHAL NIGAM	04/27/2018
JIAWEI MARVIN SUM	04/09/2018
YANRAN LU	04/06/2018
YI XUE	04/16/2018

RECEIVING PARTY DATA

Name:	PALANTIR TECHNOLOGIES INC.
Street Address:	100 HAMILTON AVENUE
Internal Address:	SUITE 300
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94301

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29642989

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: mreichstadt@mcandrews-ip.com

Correspondent Name: MCANDREWS, HELD & MALLOY, LTD.

Address Line 1: 500 W. MADISON ST.

Address Line 2: 34TH FLOOR

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	63158US01 (913DA1 US)
NAME OF SUBMITTER:	DUNSTAN H. BARNES
SIGNATURE:	/Dunstan H. Barnes/
DATE SIGNED:	05/30/2018

504935870 PATENT REEL: 046264 FRAME: 0394 This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 24

source=63158US01 CDA EXECUTED#page1.tif source=63158US01 CDA EXECUTED#page2.tif source=63158US01 CDA EXECUTED#page3.tif source=63158US01 CDA EXECUTED#page4.tif source=63158US01_CDA_EXECUTED#page5.tif source=63158US01 CDA EXECUTED#page6.tif source=63158US01 CDA EXECUTED#page7.tif source=63158US01_CDA_EXECUTED#page8.tif source=63158US01_CDA_EXECUTED#page9.tif source=63158US01 CDA EXECUTED#page10.tif source=63158US01 CDA EXECUTED#page11.tif source=63158US01_CDA_EXECUTED#page12.tif source=63158US01 CDA EXECUTED#page13.tif source=63158US01 CDA EXECUTED#page14.tif source=63158US01 CDA EXECUTED#page15.tif source=63158US01_CDA_EXECUTED#page16.tif source=63158US01 CDA EXECUTED#page17.tif source=63158US01 CDA EXECUTED#page18.tif source=63158US01 CDA EXECUTED#page19.tif source=63158US01_CDA_EXECUTED#page20.tif source=63158US01_CDA_EXECUTED#page21.tif source=63158US01 CDA EXECUTED#page22.tif source=63158US01 CDA EXECUTED#page23.tif source=63158US01 CDA EXECUTED#page24.tif

> PATENT REEL: 046264 FRAME: 0395

Application Data Sheet filed previously or concurrently

Docket No.: 63158US01

Title: DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL

USER INTERFACE

Inventor(s): Adhish Ramkumar; Jingwei Luo; Kushal Nigam; Jiawei Marvin Sum; Yanran Lu; Yi

Xue

App. No.: 29/642,989

Filing Date: April 3, 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.

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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 C.F.R. § 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Inventor(s)** (individual(s) listed above, 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"). ASSIGNOR hereby authorizes and requests the attorneys of McAndrews, Held & Malloy, Ltd., Customer No. 144761, to insert into the header the filing date and application number of said Application when known.

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.

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Xue

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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, 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.
- 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.
- 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.

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Inventor(s): Adhish Ram Xue		umar; Jingwel Luo; Kushal Nigam	; Jiawei Marvin Sum; Ya	nran Lu; Yi
App. No.:	29/642,989			
Filing Date:	April 3, 2018			
Inventors				
		11/:/		
		Adhish Ramkumar	May 9, 201 Date	•
		Jingwei Luo	Date	
		Kushal Nigam	Date	
		Jiawei Marvin Sum	Date	
		Yanran Lu	Date	
		Yi Xue	Date	
Palantir Techr	nologies Inc.			
		Mal Low		
		Signature ()	23 May 2018 Date	
		Matt Long	Legal Counsel	
		Printed Name	Title	

Page 4 of 4

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Docket No.:	63158US01		
Title:	DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE		
Inventor(s):	Adhish Ramkumar; Jingwei Luo; Kushal Nigam; Jiawei Marvin Sum; Yanran Lu; Yi Xue		
App. No.:	29/642,989		
Filing Date:	April 3, 2018		
Inventors			
		Adhish Ramkumar	Date
			May 2nd, 2018
		Jingwei Luo	Date
		Kushal Nigam	Date
		Jiawei Marvin Sum	Date
		Yanran Lu	Date
		Yi Xue	Date
Palantir Techi	nologies Inc.		
	-		um.
		Signature	23 May 2018 Date
		M (()	
		Matt Long Printed Name	Legal Counsel Title

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 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 C.F.R. § 1.56.

Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Inventor(s)** (individual(s) listed above, 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"). ASSIGNOR hereby authorizes and requests the attorneys of McAndrews, Held & Malloy, Ltd., Customer No. 144761, to insert into the header the filing date and application number of said Application when known.

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.

Application Data Sheet filed previously or concurrently

Docket No.: 63158US01

Title: DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL

USER INTERFACE

Inventor(s): Adhish Ramkumar; Jingwei Luo; Kushal Nigam; Jiawei Marvin Sum; Yanran Lu; Yi

Xue

App. No.: 29/642,989

Filing Date: April 3, 2018

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.

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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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- 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.
- 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.

Docket No.:	63158US01		
Title:	DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE		
Inventor(s):	Adhish Ramkumar; Jingwei Luo; Kushal Nigam; Jiawei Marvin Sum; Yanran Lu; Yi Xue		
App. No.:	29/642,989		
Filing Date:	April 3, 2018		
Inventors			
		Adhish Ramkumar	Date
		Jingwei Luo	Date
		Kushal Nigam	Date
		11	
		Jiawei Marvin Sum	Apr 9, 2018 Date
		Jiawei Wai VIII Julii	Date
		Yanran Lu	Date
		Yi Xue	Date
Palantir Techr	nologies Inc.		
		711 de Q	00.14
		Signature	23 May 2018 Date
		Matt Long Printed Name	Legal Counsel Title

Page 4 of 4

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Title: DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL

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Declaration

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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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63158US01

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DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL

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inventor(s):

Adhish Ramkumar; Jingwel Luc; Kushal Nigam; Jiawel Marvin Sum; Yanran Lu; Yi

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Docket No.:	DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE or(s): Adhish Ramkumar; Jingwei Luo; Kushai Nigam; Jiawei Marvin Sum; Yanran Lu; Yi Xue lo.: 29/642,989		
Title:			
Inventor(s):			
App. No.:			
Filing Date:			
Inventors			
		Adhish Ramkumar	Date
		Jingwei Luo	Date
		Kushal Nigam	Date
	. (Jiawei Maryin Sum	Date
		Yanran Lu	2018 -04 - 01 Date
		Yi Xue	Date
Palantir Tech	nologies Inc.		
		2/2/2/2 Signature	23 May 2018 Date
		Matt Long	Legal Counsel
		Printed Name	Title

Page 4 of 4

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App. No.:	29/642,989		
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Inventors			
		Adhish Ramkumar	Date
·		Jingwei Luo	Date
		Jingwei Luo	bate
		Kushal Nigam	Date
		Jiawei Marvin Sum	Date
		 Yanran Lu	Date
			Date
		Yi Xue	<u>April 16, 2018</u> Date
Palantir Techno	ologies Inc.		
		77n4 Q	23 May 2018
		Signature	Date
		Matt Long	Legal Counsel
		Printed Name	Title

Page 4 of 4