504791001 02/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4837733

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEOFFREY STOWE	02/13/2018
JOHN MCRAVEN	01/29/2018
ANDREW PETTIT	01/29/2018
LUCAS LEMANOWICZ	01/29/2018
BENEDICT CAPPELLACCI	02/10/2018
ARJUN MATHUR	02/20/2018
JONATHAN VICTOR	02/09/2018
NABEEL QURESHI	02/11/2018
ANSHUMAN PRASAD	02/18/2018
JOY TAO	01/29/2018
MIKHAIL PRONIUSHKIN	01/29/2018
CASEY PATTON	01/26/2018

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: 2

Property Type	Number	
Application Number:	15852515	
Application Number:	62439793	

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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Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	PALAN.674A
NAME OF SUBMITTER:	SCOTT CROMAR
SIGNATURE:	/Scott Cromar/
DATE SIGNED:	02/23/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 40

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PATENT

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Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi,

Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton

App. No.: 15/852515

Filing Date: December 22, 2017

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 Geoffrey Stowe, residing in San Francisco, CA, John McRaven, residing in New York, NY, Andrew Pettit, residing in New York, NY, Lucas Lemanowicz, residing in New York, NY, Benedict Cappellacci, residing in New York, NY, Arjun Mathur, residing in Palo Alto, CA, Jonathan Victor, residing in New York, NY, Nabeel Qureshi, residing in Palo Alto, CA, Anshuman Prasad, residing in New York, NY, Joy Tao, residing in New York, NY, Mikhail Proniushkin, residing in New York, NY, and Casey Patton, residing in Corona, CA (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.

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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 2 of 5

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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 (including but not limited to U.S. Provisional Application No. 62/439793, filed December 28, 2016 (respectively if plural applications)); 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.

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

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Docket No.: PALAN.674A Page 3 of 5

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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.
- 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

		ta Fion & Assignmen (37 CFR 1.53(e)) ta Sheet filed previously or concurrently			
Docket No.:	PALAN.674A		Page 4 of 5		
Title:	SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY				
Inventor(s):	Benedict Cappellacci, Arj	cRaven, Andrew Pettit, Lucas Lemanowicz, jun Mathur, Jonathan Victor, Nabeel Qureshi, ac, Mikhail Proniushkin, Casey Patton			
App. No.:	15/852515				
Filing Date:	December 22, 2017				
dealing between Agreement, a	een the parties shall act as a	dent counsel of his or her choosing. No course of an amendment, modification or waiver of any provis cation or waiver which is contained in a written agreen e effective.	sion of this		
Inventors C	Seoffrey Stowe:	Date: 2/13/15	,		
,	John McRaven:	Date:			
	Andrew Pettit:	Date:			
Luca	s Lemanowicz	Date:			
Bened	ict Cappellacci	Date:			
	Arjun Mathur	Date:			
J	enathan Victor	Date:			
P	labeel Qureshi:	Date:			
Ans	human Prasad:	Date:			
	Joy Tan	Oate:			

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: PALAN.674A Page 5 of 5 Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton 15/852515 App. No.: Filing Date: December 22, 2017 Mikhail Proniushkin: Date: Casey Patton: Date: Palantir Technologies Inc. Nat Log Signature: Date: 2/22/2018

27293775

Printed Name: Matt Long

PATENT REEL: 045424 FRAME: 0318

Title: Legal Counsel

Application Data Sheet filed previously or concurrently

Docket No.:

PALAN.674A

Page 1 of 5

Title:

SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s):

Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi,

Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton

App. No.:

15/852515

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Inventor(s):

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App. No.:	15/852515	15/852515				
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lealing betwo Agreement, a	een the parties shall act as an amendment,	his or her choosing. No course of conduct or modification or waiver of any provision of this which is contained in a written agreement signed				
nventors G	Seoffrey Stowe:	Date:				
٦	John McRaven: JAN M. Dessus	Date: <u>Jan 29, 2018</u>				
	Andrew Pettit: 4	Date: <u>\/RY//8</u>				
Luca	is Lemanowicz: <u>Xuno Xun</u>	Date: <u>JAN 29,2018</u>				
Benedi	ict Cappellacci:	Date:				
	Arjun Mathur:	Date:				
J	onathan Victor:	Date:				
И	labeel Qureshi:	Date:				
Anst	human Prasad:	Date:				
	Joy Tao:	- Date: 1/24/2018				

	COMBINED DECLARATION & ASSIGNMI Application Data Sheet filed previously of			
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App. No.:	15/852515			
Filing Date:	December 22, 2017			
Mikh	ail Proniushkin:	Date: <u>0//29/20/3</u>		
	Casey Patton:	Date:		
Palantir Tech	inclogies Inc. Signature:	Date: 2/22/2018		
	Printed Name Matt Long	Title: Legal Counsel		

27293775

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Docket No.: PALAN.674A Page 1 of 5

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FOR DISPLAY

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Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi,

Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton

App. No.: 15/852515

Filing Date: December 22, 2017

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 (including but not limited to U.S. Provisional Application No. 62/439793, filed December 28, 2016 (respectively if plural applications)); 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.

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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 3 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

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- 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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- 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

		CLARATION & ASSIGNM ation Data Sheet filed previously		.63(e))
Docket No.:	PALAN.674A			Page 4 of 5
	SYSTEMS AND MI	ETHODS FOR RETRIEVING AN	D PROCESSING I	DATA
	Benedict Cappella	lohn McRaven, Andrew Petti Iccî, Arjun Mathur, Jonathan \ I, Joy Tao, Mikhail Proniushkin	/ictor, Nabeel Qu	wicz, reshi,
App. No.:	15/852515			
Filing Date:	December 22, 201	7		
dealing betweer Agreement, and	n the parties shall only an amendmen EE and ASSIGNOF	independent counsel of his or he act as an amendment, modifical t, modification or waiver which is of R shall be effective.	ion or waiver of a contained in a writte	ny provision of this n agreement signed
Inventors Geo	offrey Stowe:		Date:	
Joh	ın McRaven:		Date:	
А	ndrew Pettit:		Date:	
Lucas L	.emanowicz:			
Benedict	Cappellacci		Date:	102/2018
A	Arjun Mathur. A	rjun Mathur	Date: 20 F	ebruary 2018
not	athan Victor:		Date:	
Nat	eel Qureshi:		Date:	
Anshu	man Prasad:		Date:	
	Joy Tao:		Date:	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: PALAN.674A Page 5 of 5 Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton 15/852515 App. No.: Filing Date: December 22, 2017 Mikhail Proniushkin: Date: Casey Patton: Date: Palantir Technologies Inc. Nat Log Signature:

Date:

2/22/2018

Title: Legal Counsel

27293775

Printed Name: Matt Long

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

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App. No.: 15/852515

Filing Date: December 22, 2017

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 **Geoffrey Stowe**, residing in San Francisco, CA, **John McRaven**, residing in New York, NY, **Andrew Pettit**, residing in New York, NY, **Lucas Lemanowicz**, residing in New York, NY, **Benedict Cappellacci**, residing in New York, NY, **Arjun Mathur**, residing in Palo Alto, CA, **Jonathan Victor**, residing in New York, NY, **Nabeel Qureshi**, residing in Palo Alto, CA, **Anshuman Prasad**, residing in New York, NY, **Joy Tao**, residing in New York, NY, **Mikhail Proniushkin**, residing in New York, NY, and **Casey Patton**, residing in Corona, CA (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.

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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 2 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

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Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

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Docket No.:	PALAN.674A					Page 4 of 5
Title:	SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY					
Inventor(s):	Benedict Cap	ve, John McRaven peliacci, Arjun Mat asad, Joy Tao, Miki	hur, Jonathan Vi	ctor, Nabeel Q	ureshi,	
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Filing Date:	December 22,	2017	e i e	1 (s. 17 ⁸		paraga in the ^{co}
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Docket No.:	PALAN.674A SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY				Page 5 of 5
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Filing Date:	December 22,	2017			
Mikha	ail Proniushkin:			Date:	
	Casey Patton:			Date:	
Palantir Tech	nologies Inc. Signature:	Mass	<u> </u>	,,,,,,, Date: 2/22/201	9
	Signature.	The distriction		Date. LIZZIZVI	<u> </u>

27293775

Printed Name: Matt Long

PATENT REEL: 045424 FRAME: 0333

Title: Legal Counsel

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

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As a named inventor, I declare that:

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Docket No.:	PALAN.674A		Page 4 of 5			
	SYSTEMS AN	YSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA OR DISPLAY				
nventor(s):	Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton					
App. No.:	15/852515					
Filing Date:		2, 2017				
ASSIGNOR ha dealing betwee Agreement, and by both ASSIGI	s the right to : n the parties : I only an amen NEE and ASSK	seek independent counsel of his or her choosing shall act as an amendment, modification or wai idment, modification or waiver which is contained in GNOR shall be effective.	 No course of conduct or ver of any provision of this a written agreement signed 			
nventors Ge	offrey Stowe:	Date):			
Jo	hn McRaven:	Date	×			
A	Andrew Pettit:	Date				
Lucas	Lemanowicz:	Date	e:			
Benedict	Cappellacci:	Date	e:			
,	Arjun Mathur:	Date	e:			
Jor	nathan Victor:	Date	e:			
Nai	beel Qureshi:	Date	02.11.2018			
Anshu	ıman Prasad:	Date	»:			
	Joy Tao:	Date	»:			

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

Application Data Sheet filed previously or concurrently

	Application Data Sheet filed previously of) 		
Docket No.:	PALAN.674A		Page 5 of 5		
Title:	SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton				
Inventor(s):					
App. No.:	15/852515				
Filing Date:	December 22, 2017				
Mikha	ail Proniushkin:	Date:			
	Casey Patton:	Date:			
Palantir Tech	nologies Inc. Signature:	Date: 2/22/2018			

27293775

Printed Name: Matt Long

PATENT REEL: 045424 FRAME: 0338

Title: Legal Counsel

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi,

Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton

App. No.: 15/852515

Filing Date: December 22, 2017

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.

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

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Assignment from Inventor(s)

THIS ASSIGNMENT AGREEMENT ("Agreement") is by **Geoffrey Stowe**, residing in San Francisco, CA, **John McRaven**, residing in New York, NY, **Andrew Pettit**, residing in New York, NY, **Lucas Lemanowicz**, residing in New York, NY, **Benedict Cappellacci**, residing in New York, NY, **Arjun Mathur**, residing in Palo Alto, CA, **Jonathan Victor**, residing in New York, NY, **Nabeel Qureshi**, residing in Palo Alto, CA, **Anshuman Prasad**, residing in New York, NY, **Joy Tao**, residing in New York, NY, **Mikhail Proniushkin**, residing in New York, NY, and **Casey Patton**, residing in Corona, CA (individual(s), collectively hereinafter "ASSIGNOR").

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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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 2 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

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App. No.: 15/852515

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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 (including but not limited to U.S. Provisional Application No. 62/439793, filed December 28, 2016 (respectively if plural applications)); 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.
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- 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.

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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 3 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

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App. No.: 15/852515

Filing Date: December 22, 2017

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- 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

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Docket No.	PALAN S74A	Administration counts 20 miles 20000	Programmed in Principles.	Page 4 of 5
Title:	Systems and methods for retrieving and processing data FOR DISPLAY			ATA
inventor(s):	Geoffrey Slowe, John McRayen, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Meihur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhali Proniushkin, Casey Patton			
App. No.:	15/852515			
Filing Date	Documber 22, 2017			
oeaing betw Agreement, a by both ASSI	990 the parties : Indioniv an amen	shall act as an amendmen dment, modification or waive SNOR shall be effective.	of this or her chapsing. No con- t, modification or wavver of an- r which is contained in a written	Streemen sign ed A brancing of the
inventors (Scottray Stowe:		Oete:	
;	John McRaven		Date	
	Andrew Pettit:			
Luca	is Lemianowicz:		Date:	
Bened	fict Cappellacci		Date:	
	Arjun Mathur		Cate:	
ž	onathan Victor: ,		Cale:	
N	labeel Güreshi:		Date	
Ansi	human Prasad	Andrew Grid		110 ross
	Joy Tao: _		Date:	~~~

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: PALAN.674A Page 5 of 5 SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA Title: FOR DISPLAY Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton 15/852515 App. No.: Filing Date: December 22, 2017 Mikhail Proniushkin: Date: Casey Patton: Date: Palantir Technologies Inc. Nat so Date: 2/22/2018 Signature:

27293775

Printed Name: Matt Long

PATENT REEL: 045424 FRAME: 0343

Title: Legal Counsel

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

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App. No.: 15/852515

Filing Date: December 22, 2017

Declaration

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Assignment from Inventor(s)

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Docket No.: PALAN.674A Page 2 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

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Docket No.: PALAN.674A Page 3 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

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	<i>F</i>	Application Data Sheet filed previously or	concurrently	
Docket No.:	PALAN.674A	1		Page 4 of 5
	SYSTEMS AN	ND METHODS FOR RETRIEVING AND Y	PROCESSING DATA	
. ,	Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton			
App. No.:	15/852515			
Filing Date:		2, 2017		
lealing betweel Agreement, and By both ASSIGN	n the parties I only an amen NEE and ASSI	seek independent counsel of his or her of shall act as an amendment, modification adment, modification or waiver which is con GNOR shall be effective.	n or waiver of any prontained in a written agree	vision of this ement signed
nventors Geo	offrey Stowe:		Date:	
Joh	hn McRaven:		Date:	
Д	andrew Pettit:		Date:	
Lucas I	Lemanowicz:		Date:	
Benedict	Cappellacci:		Date:	
A	Arjun Mathur:		Date:	······
Jon	athan Victor:		Date:	
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Anshu	man Prasad:		Date:	
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Docket No.:	PALAN.674A				Page 5 of 5
Title:	SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY				\
Inventor(s):	Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton				
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Mikha	ail Proniushkin:			Date:	
	Casey Patton:			Date:	
Palantir Tech	nologies Inc. Signature:	Mak	<u> </u>	~ Date: 2/22/201	ρ
	oignature.		{	שמוס. בובבובט!	<u> </u>

27293775

Printed Name: Matt Long

PATENT REEL: 045424 FRAME: 0348

Title: Legal Counsel

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 1 of 5

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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 (including but not limited to U.S. Provisional Application No. 62/439793, filed December 28, 2016 (respectively if plural applications)); 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.

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

Application Data Sheet filed previously or concurrently

Docket No.: PALAN.674A Page 3 of 5

Title: SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA

FOR DISPLAY

Inventor(s): Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz,

Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi,

Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton

App. No.: 15/852515

Filing Date: December 22, 2017

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.
- 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

Application Data Sheet filed previously or concurrently Docket No .: PALAN.674A Page 4 of 5 SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA Title: FOR DISPLAY Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Inventor(s): Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton App. No.: 15/852515 Filing Date: December 22, 2017 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 Date: Geoffrey Stowe: Date: John McRaven: Andrew Pettit: Date: Lucas Lemanowicz: Date: Benedict Cappellacci: Date: _____ Arjun Mathur: Date: Date: _____ Jonathan Victor: _____ Nabeel Qureshi: Date: _____ Anshuman Prasad: Date:

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

PATENT REEL: 045424 FRAME: 0352

Date:

	COMBINED DECLARATION & ASSIGNMENT Application Data Sheet filed previously or co	* **			
Docket No.:	PALAN.874A	Page 5 of 5			
Title:	SYSTEMS AND METHODS FOR RETRIEVING AND PROCESSING DATA FOR DISPLAY				
Inventor(s):	Geoffrey Stowe, John McRaven, Andrew Pettit, Lucas Lemanowicz, Benedict Cappellacci, Arjun Mathur, Jonathan Victor, Nabeel Qureshi, Anshuman Prasad, Joy Tao, Mikhail Proniushkin, Casey Patton				
App. No.:	15/852515				
Filing Date:	December 22, 2017				
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	Casey Pation: Casey Pad	Date: <u>Jan 26, 201</u> 8			
Palantir Technologies Inc.					
	Signature: //UUZ 2 ay	Date: 2/22/2018			
	Printed Name:Matt Long	Title: Legal Counsel			

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RECORDED: 02/23/2018