PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN BIRRER	04/16/2019
FABIÁN BUSTAMANTE	04/26/2019
ANDREW JOSEPH WEINER	04/18/2019

RECEIVING PARTY DATA

Name:	PHENIX REAL TIME SOLUTIONS, INC.
Street Address:	330 N WABASH AVE.
Internal Address:	FLOOR 23
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60611

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15948937

CORRESPONDENCE DATA

Fax Number: (206)359-7198

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.

Phone: (206)359-8000

Email: cortt@perkinscoie.com

Correspondent Name: PERKINS COIE LLP

Address Line 1: P.O. BOX 1247

Address Line 2: PATENT PROCUREMENT

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	124586-8001.US01
NAME OF SUBMITTER:	CHRISTINE ORTT
SIGNATURE:	/Christine Ortt/
DATE SIGNED:	05/06/2019

Total Attachments: 6

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PATENT 505462448 REEL: 049095 FRAME: 0087

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PATENT REEL: 049095 FRAME: 0088

ASSIGNMENT

Whereas, we, Stefan Birrer, Fabián Bustamante, and Andrew Joseph Weiner, have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the below-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document;

Title of Invention: METHOD AND APPARATUS FOR SYNCHRONIZING APPLICATIONS' CONSUMPTION OF REMOTE DATA

United States patent application number 15/948,937 filed on April 9, 2018.

Whereas, **Phenix Real Time Solutions**, **Inc.**, a corporation duly organized under and pursuant to the laws of Delaware, having its principal place of business at 330 N Wabash Ave., Floor 23, Chicago, IL 60611, desires to acquire and each undersigned inventor desires to grant to **Phenix Real Time Solutions**, **Inc.**, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for one dollar (\$1.00) and good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor, hereinafter referred to as ASSIGNOR, hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Phenix Real Time Solutions, Inc., hereinafter referred to as ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the Assignee, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute, without charge to said Assignee but at the Assignee's expense, any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by the Assignee, its successors, legal representatives, or assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application

Page 1 of 2

Number) which may be necessary or desirable for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

1) Legal Name of Inventor: Stefan Birrer Docusioned by:	
Signature:	Date:
2) Legal Name of Inventor: Fabián Bustamante	
Signature:	Date:
3) Legal Name of Inventor: Andrew Joseph Weiner	
Signature:	Date:

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1) Legal Name of Inventor: Stefan Birrer		
Signature:	Date:	
2) Legal Name of Inventor: Fabián Bustamante Docusigned by: Fabián Bustamantu/ Signature: E059666DC42F493 3) Legal Name of Inventor: Andrew Joseph Weiner	April 26, 20 Date:)19
Signature:	Date:	

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Signature:	Date:
2) Legal Name of Inventor: Fabián Bustamante	
Signature:	Date:
3) Legal Name of Inventor: Andrew Joseph Weiner	
Signature:	Date: April 18, 2019