

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4579929

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
ZETTA, INC.		08/25/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SUNTRUST BANK	
<b>Street Address:</b>	303 PEACHTREE STREET, N.E.	
<b>Internal Address:</b>	25TH FLOOR	
<b>City:</b>	ATLANTA	
<b>State/Country:</b>	GEORGIA	
<b>Postal Code:</b>	30308	
<b>PROPERTY NUMBERS Total: 19</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8977594	
Patent Number:	8977596	
Patent Number:	8977598	
Patent Number:	9015122	
Patent Number:	9152642	
Patent Number:	9152643	
Patent Number:	9152686	
Patent Number:	9268797	
Patent Number:	9348830	
Patent Number:	9483359	
Patent Number:	9448893	
Patent Number:	9501367	
Patent Number:	9547559	
Application Number:	14836909	
Application Number:	14836938	
Application Number:	14977647	
Application Number:	13725859	
Application Number:	14555262	
Application Number:	13725818	

**CORRESPONDENCE DATA****Fax Number:** (704)444-1111

*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:** 7044441000**Email:** usptomail@alston.com**Correspondent Name:** ALSTON & BIRD LLP**Address Line 1:** BANK OF AMERICA PLAZA**Address Line 2:** 101 SOUTH TRYON STREET, SUITE 4000**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28280-4000

<b>ATTORNEY DOCKET NUMBER:</b>	001833/445938
<b>NAME OF SUBMITTER:</b>	DANIEL J. O'CONNOR
<b>SIGNATURE:</b>	/Daniel J. O'Connor/
<b>DATE SIGNED:</b>	09/05/2017

**Total Attachments: 4**

source=2017-09-05 445938 Security Agreement#page1.tif

source=2017-09-05 445938 Security Agreement#page2.tif

source=2017-09-05 445938 Security Agreement#page3.tif

source=2017-09-05 445938 Security Agreement#page4.tif

GRANT OF SECURITY INTEREST  
PATENTS

---

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, ZETTA, INC., a Delaware corporation (the "Grantor"), with principal offices at 1 Computer Associates Plaza, Islandia, NY 11749, on this 25th day of August, 2017, hereby pledges and grants to SUNTRUST BANK, as First Lien Administrative Agent (the "Grantee") with principal offices at 303 Peachtree Street, N.E., 25<sup>th</sup> Floor, Atlanta, Georgia 30308, a security interest in (A) (i) all letters patent of the United States set forth on Schedule A attached hereto, any other country or any political subdivision thereof, all reissues and extensions thereof, (ii) all applications for letters patent of the United States set forth on Schedule A attached hereto, any other country or any political subdivision thereof, and all reissues, divisionals, continuations and continuations in part, renewal applications and all renewals thereof, (iii) all rights to obtain any reissues, reexaminations or extensions of the foregoing and (iv) the right to sue for past, present and future infringements thereof (the "Patents"), and all reissues, continuations, continuations-in-part and extensions thereof, and (B) all written agreements providing for the grant by or to any Grantor of any right to manufacture, use, sell or otherwise exploit any invention covered in whole or in part by a Patent (the "Patent Licenses") and all reissues, continuations, continuations-in-part and extensions thereof, in each case of the foregoing, together with all Proceeds (as such term is defined in the Guarantee and Collateral Agreement referred to below) of the Patents, and all causes of action arising prior to or after the date hereof for infringement of any of the Patents.

THIS GRANT OF SECURITY INTEREST (this "Grant"), is made to secure the satisfactory performance and payment of all the "Obligations" of the Grantor, as such term is defined in the First Lien Guarantee and Collateral Agreement made by the Grantor and the other grantors from time to time party thereto in favor of the Grantee, dated as of July 31, 2014 (as the same may be amended, restated, modified and/or supplemented from time to time, the "Guarantee and Collateral Agreement").

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Guarantee and Collateral Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are more fully set forth in the Guarantee and Collateral Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Guarantee and Collateral Agreement, the provisions of the Guarantee and Collateral Agreement shall govern. This Grant may be executed in counterparts and by the different parties hereto on separate counterparts, but all of which shall together constitute one and the same instrument. Delivery of an executed counterpart of this Agreement by facsimile or other electronic method of transmission shall be equally effective as delivery of an original executed counterpart.

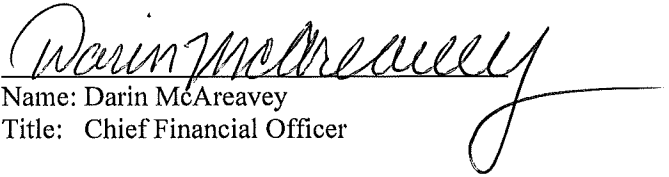
This Grant shall be governed by the laws of the State of New York.

This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Agreement by facsimile transmission or by electronic mail in "portable document format" shall be effective as delivery of a manually executed counterpart hereof.

[SIGNATURES ON THE FOLLOWING PAGE]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date referenced above.

ZETTA, INC.,  
as Grantor

By:   
Name: Darin McAreavey  
Title: Chief Financial Officer

SUNTRUST BANK  
as First Lien Administrative Agent, as Grantee

By: \_\_\_\_\_  
Name:  
Title:

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date referenced above.

ZETTA, INC.,  
as Grantor

By: \_\_\_\_\_  
Name:  
Title:

SUNTRUST BANK  
as First Lien Administrative Agent, as Grantee

By:  \_\_\_\_\_  
Name:  
Title: **Brian Guffin**  
**Director**

PATENTS

Patent No.	Issued	Title
8,977,594	03/10/2015	System and Methods for State Consistent Replication
8,977,596	03/10/2015	Backup using Locally Distributed Change Detection
8,977,598	03/10/2015	System & Methods for Online Backup and Disaster Recovery with Local Copy
9,015,122	04/21/2015	System and Methods for Minimizing Network Bandwidth for Replication/Backup
9,152,642	10/06/2015	System and Methods for On-Demand Data Storage
9,152,643	10/06/2015	Distributed Data Storage
9,152,686	10/06/2015	Asynchronous Replication Correctness Validation
9,268,797	02/23/2016	Systems and Methods for Online Backup and Disaster Recovery
9,348,830	05/24/2016	Backup Using Locally Distributed Change Detection
9,483,359	11/01/2016	Systems and Methods for On-Line Back Up & Disaster Recovery with Local Copy
9,448,893	09/20/2016	Asynchronous Replication Correctness Validation
9,501,367	11/22/2016	System and Methods for Minimizing Bandwidth for Replication/Back Up
9,547,559	01/17/2017	System and Methods for State Consistent Replication

PATENT APPLICATIONS

Serial No.	Date	Filing Title
14/836,909	08/26/2015	Distributed Data Store
14/836,938	8/26/2015	Systems And Methods for On-Demand Data Storage
14/977,647	12/22/2015	Systems and Methods for On-Line Backup and Disaster Recovery
13/725,859	12/21/2012	Client Application Software for On-Line Backup and Disaster Recovery
14/555,262	11/26/2014	Snapshot Management
13/725,818	12/21/2012	Systems and methods for real-time billing and metrics reporting