

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUDHAKAR MUDDU	05/12/2018
CHRISTOS TRYFONAS	05/09/2018
RAVI PRASAD BULUSU	05/09/2018
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City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16182469
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ATTORNEY DOCKET NUMBER:	112509-8016.US02
NAME OF SUBMITTER:	CHRISTINE ORTT
SIGNATURE:	/Christine Ortt/
DATE SIGNED:	11/06/2018
Total Attachments: 6	
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ASSIGNMENT BY INVENTORS

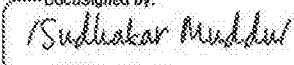
This Assignment is by **Sudhakar Muddu, Christos Tryfonas and Ravi Prasad Bulusu** (the "Assignors"). The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent Application for Letters Patent of the United States entitled **SHARING MODEL STATE BETWEEN REAL-TIME AND BATCH PATHS IN NETWORK SECURITY ANOMALY DETECTION** (the "Application"), filed on October 30, 2015, as U.S. Patent Application No. 14/929,141. The Assignors authorize the Assignee, identified below, or its representatives to insert the application number of the Application when known.

Splunk Inc., a corporation of Delaware, having its principal place of business at **250 Brannan Street, San Francisco, CA 94107** ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee.

This Assignment may be executed in counterparts.

Date: May 12, 2018

DocuSigned by:

1567CAF04B14487
Signature: Sudhakar Muddu

Date: _____

Signature: _____
Christos Tryfonas

Date: _____

Signature: _____
Ravi Prasad Bulusu

ASSIGNMENT BY INVENTORS

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This Assignment may be executed in counterparts.

Date: _____

Signature: _____
Sudhakar Muddu

Date: May 9, 2018

DocuSigned by:
Signature: *Christos Tryfonas*

Christos Tryfonas

Date: _____

Signature: _____
Ravi Prasad Bulusu

ASSIGNMENT BY INVENTORS

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Date: _____

Signature: _____
Sudhakar Muddu

Date: _____

Signature: _____
Christos Tryfonas

Date: May 9, 2018

Signature:

DocuSigned by:
/Ravi Bulusu/
Ravi Prasad Bulusu