

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
RECEIVING PARTY DATA	
Name:	SPLUNK INC.
Street Address:	250 BRANNAN STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14929182
CORRESPONDENCE DATA	
Fax Number:	(206)359-7198
<i>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.</i>	
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:	112509-8026.US01
NAME OF SUBMITTER:	CHRISTINE ORTT
SIGNATURE:	/Christine Ortt/
DATE SIGNED:	05/18/2018
Total Attachments: 2	
source=112509-8026US01_Assignment_signed#page1.tif	
source=112509-8026US01_Assignment_signed#page2.tif	

ASSIGNMENT BY INVENTORS

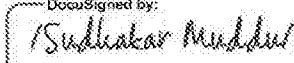
This Assignment is by **Sudhakar Muddu** and **Christos Tryfonas** (the "Assignors"). The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent Application for Letters Patent of the United States entitled **DETECTION OF CLUSTERING IN GRAPHS IN NETWORK SECURITY ANALYSIS** (the "Application"), filed on October 30, 2015, as U.S. Patent Application No. 14/929,182. 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

Signature: DocuSigned by:

14/929,182
Sudhakar Muddu

Date: _____

Signature: _____
Christos Tryfonas

ASSIGNMENT BY INVENTORS

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This Assignment may be executed in counterparts.

Date: _____

Signature: _____
Sudhakar Muddu

Date: May 9, 2018

Signature: DocuSigned by:
Christos Tryfonas

Christos Tryfonas