504735579 01/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ic Version v1.1 EPAS ID: PAT4782305

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL J. KIRNER	11/05/2015
HAI XIAO	11/05/2015
JURAJ G. FANDLI	11/05/2015
MICHAEL J. CARLTON	11/05/2015

RECEIVING PARTY DATA

Name:	ILLUMIO, INC.	
Street Address:	160 SAN GABRIEL DRIVE	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94086	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15867645

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 650-988-8500

Email: tcommo@fenwick.com

Correspondent Name: JASON E. AMSEL

Address Line 1: FENWICK & WEST LLP

Address Line 2: 801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

Address Line 4. MOONTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: 30025-39605/US

NAME OF SUBMITTER: JASON E. AMSEL, REG NO 60650

SIGNATURE: /Jason E. Amsel/

DATE SIGNED: 01/18/2018

Total Attachments: 2

source=39605 US Assignment#page1.tif source=39605 US Assignment#page2.tif

PATENT 504735579 REEL: 044658 FRAME: 0056

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Illumio, Inc., a Delaware Corporation, having a place of business at 160 San Gabriel Drive, Sunnyvale, California, 94086 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 14/934,850 , entitled "End-To-End Policy Enforcement in the Presence of a Traffic Midpoint Device," filed on November 6, 2015 , which claims priority from a provisional application, filed on April 3, 2015, now bearing US Application No. 62/142,968.
- 2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

1 of 2

30025/30611/DOCS/3837237.1

Title:	End-To-End Policy Enforcement in the Presence of a Traffic Midpoint		
	Device		· · · · · · · · · · · · · · · · · · ·
Filed:	November 6, 2015	Attorney Docket #:	30025-30611/US
Application #:	14/934,850		

INVENTOR 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 or other authority for recordation of this document.

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.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature	
R 0//~	11/5/2015	
Paul J. Kirner		
Name and Signature	Date of Signature	
1 lean	11/5/2015	
Hai Xiao		
Name and Signature	Date of Signature	
-/4 G. Jan Z	11/5/2015	
Juraj G. Fandli	, , , , , , , , , , , , , , , , , , ,	
Name and Signature	Date of Signature	
GUND GOT	11/5/2015	
Michael J. Carlton		

2 of 2