PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5140820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EINARAS VON GRAVROCK	03/09/2017
YURI FRAYMAN	03/09/2017
ROBERT BEATTY	03/09/2017

RECEIVING PARTY DATA

Name:	CUJO LLC
Street Address:	102 N. PROSPECT AVENUE B
City:	REDONDO BEACH
State/Country:	CALIFORNIA
Postal Code:	90277

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16128229

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	32227-41546/US	
NAME OF SUBMITTER:	ANTHONY T. JACOBSON	
SIGNATURE:	/ANTHONY T. JACOBSON/	
DATE SIGNED:	09/12/2018	

Total Attachments: 2

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PATENT 505094060 REEL: 046873 FRAME: 0411

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 **Cujo LLC**, a Delaware limited liability company, having a place of business at 102 N. Prospect Avenue B, Redondo Beach, CA 90277 ("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. 15/099,526, entitled "NETWORK SECURITY ANALYSIS FOR SMART APPLIANCES," filed on April 14, 2016, which claims priority from U.S. Provisional Application No. 62/150,684, filed on April 21, 2015, and U.S. Application No. 14/948,160, filed on November 20, 2015.
 - 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

1 of 2

32227/33102/DOCS/3972917.1

Title:	NETWORK SECURITY ANALYSIS FOR SMART APPLIANCES		
Filed:	April 14, 2016	Attorney Docket #:	32227-33102/US
Application #:	15/099,526		

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

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.

Name and Signature	Date of Signature
Einaras von Gravrock	3/9/2017
Name and Signature	Date of Signature 3/9/2017
Yuri Frayman	
Name and Signature	Date of Signature
Robert Beatty	3/9/2017