

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INTELLECTUAL VENTURES I LLC	06/28/2018
RECEIVING PARTY DATA	
Name:	INTELLECTUAL VENTURES ASSETS 87 LLC
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PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	7343421
Patent Number:	7739401
Patent Number:	8489764
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DATE SIGNED:	07/30/2018
Total Attachments: 2	
source=Intellectual Ventures I Assignment to Intellectual Ventures Assets 87_28 June 2018#page1.tif	
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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures I LLC, a Delaware limited liability company with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("*Assignor*"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 87 LLC, a Delaware limited liability company with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("*Assignee*"), all of Assignor's right, title, and interest in and to the following (collectively, the "*Assigned Patent Rights*"):

- (a) the patents and patent applications listed in the table below (the "*Patents*");

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
7343421 (09/503975)	US	3/11/2008 (2/14/2000)	Restricting Communication of Selected Processes to a Set of Specific Network Addresses Pawan Goyal
7739401 (12/025727)	US	6/15/2010 (2/4/2008)	Restricting Communication of Selected Processes to a Set of Specific Network Addresses Pawan Goyal
8489764 (12/772982)	US	7/16/2013 (5/3/2010)	Restricting Communication of Selected Processes to a Set of Specific Network Addresses Pawan Goyal

(b) any reissues, reexaminations, extensions, continuations, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any of the Patents and any patents or patent applications which correspond to or claim priority to any of the foregoing, and all foreign counterparts of the foregoing;

(c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and

(d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain monetary damages and any other remedies of any kind for past, current and future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other

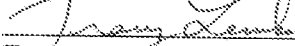
governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights

IN WITNESS WHEREOF this Assignment of Patent Rights is executed
on June 28, 2018.

ASSIGNOR:

Intellectual Ventures I LLC

By: 
Name: Tracy Lemke
Title: Authorized Person