

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RATEZE REMOTE MGMT. L.L.C.	12/18/2018
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Name:	INTELLECTUAL VENTURES ASSETS 127 LLC
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PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	7739621
Patent Number:	7216299
Patent Number:	7478063
Patent Number:	8086750
Application Number:	12252920
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DATE SIGNED:	01/07/2019
Total Attachments: 2	
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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Rateze Remote Mgmt. L.L.C., 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 127 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>
7739621 (09/945099)	US	2010-06-15 (2001-08-31)	INTERFACE AND METHOD ADAPTED FOR CAPTURING SUBJECTIVE PREFERENCES OF PROGRAM USERS Timothy Orr Knight
7216299 (09/944624)	US	2007-05-08 (2001-08-31)	INTERFACE AND PROGRAM USING VISUAL DATA ARRANGEMENTS FOR EXPRESSING USER PREFERENCES CONCERNING AN ACTION OR TRANSACTION Timothy O Knight
7478063 (09/945184)	US	2009-01-13 (2001-08-31)	STOCK TRADING APPLICATION PROGRAM Timothy Orr Knight
(12/252920)	US	(2008-10-16)	INTERFACE AND PROGRAM USING VISUAL DATA ARRANGEMENTS FOR EXPRESSING USER PREFERENCES CONCERNING AN ACTION OR TRANSACTION Timothy Orr Knight
8086750 (11/029212)	US	2011-12-27 (2005-01-03)	METHOD AND SYSTEM FOR DELIVERING CONTENT OVER A NETWORK Hans-Joerg Voegel

(b) any future reissues, reexaminations, extensions, continuations, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any of the Patents;

(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 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 Dec. 18, 2018.

ASSIGNOR:

Rateze Remote Mgmt. L.L.C.

By: David Huttaker
Name: David Huttaker
Title: Authorized Person

ASSIGNEE:

Intellectual Ventures Assets 127 LLC

By: David Huttaker
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