PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE: NUNC PRO TUNC ASSIGNMENT			
EFFECTIVE DATE:	11/14/2018		

CONVEYING PARTY DATA

Name	Execution Date
E.O. COMMUNICATION FUND, LLC	11/20/2018

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 103 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8369263

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NAME OF SUBMITTER:	CARLY WHIMS		
SIGNATURE:	/Carly Whims/		
DATE SIGNED:	12/14/2018		

Total Attachments: 2

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2018 Executed#page2.tif

PATENT REEL: 047784 FRAME: 0921 505238500

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, E.O. Communication Fund, 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 103 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*");

Patent/		<u> Issue Date/</u>		
Application Number	Country	Filing Date	Title of Patent and Inventors	
8369263 (11/822451)	US	2/5/2013 (7/6/2007)	Geographical web browser, methods, apparatus and systems	
			Duncan Leo MacFarlane; Mark Nicholas Anastasi; Eric Morgan Dowling	

- (b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, 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

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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 20 NO VENU 2018, to be effective on 14 November 2018.

ASSIGNOR:

E.O.	Communication	Fund.	LLC
	ATTENNE STAFF		A. C.

By: /////////////////
Name: Rocky Adornato

Title: Authorized Person

ASSIGNEE

Intellectual Ventures/Assets 103 LLC

By: //////Name: Rocky Adornato

Title: Authorized Person

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RECORDED: 12/14/2018