PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5095163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CALLAHAN CELLULAR L.L.C.	07/26/2018

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 82 LLC		
Street Address:	251 LITTLE FALLS DRIVE		
City:	WILMINGTON		
State/Country:	DELAWARE		
Postal Code:	19808		

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	7840893
Patent Number:	6895502
Patent Number:	6658377

CORRESPONDENCE DATA

Fax Number: (425)679-0580

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.

Email: ivrecording@intven.com

Correspondent Name: INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL

Address Line 1: 3150 139TH AVENUE SE Address Line 2: BUILDING 4, FLOOR 3

Address Line 4: BELLEVUE, WASHINGTON 98005

NAME OF SUBMITTER:	CASSANDRA BRAGET	
SIGNATURE:	/Cassandra Braget/	
DATE SIGNED:	08/13/2018	

Total Attachments: 2

source=Callahan Cellular Assignment to Intellectual Ventures Assets 82_26 July 2018#page1.tif source=Callahan Cellular Assignment to Intellectual Ventures Assets 82_26 July 2018#page2.tif

PATENT 505048410 REEL: 046631 FRAME: 0213

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Callahan Cellular 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 82 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/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
7840893	US	11/23/2010	Display and manipulation of
(11/114328)		(4/25/2005)	web page-based search results
			KULAS, CHARLES J.
6895502	US	5/17/2005	Method and system for
(09/590329)		(6/8/2000)	securely displaying and
			confirming request to perform
			operation on host computer
			Neil R. Fraser
6658377	US	12/2/2003	Method and system for text
(09/593731)		(6/13/2000)	analysis based on the tagging,
			processing, and/or
			reformatting of the input text
			Anward, Jan; Pang,
			Christianne; Jonsson, Marcus;
			Samzelius, Jan

- (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.

ASSIGNMENT OF PATENT RIGHTS - Calibban Cellular L.L.C. to Intellectual Ventures Assets 82 LLC Page 1 of 2

PATENT

REEL: 046631 FRAME: 0214

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 July 26, 2018.

ASSIGNOR:

Callahan Cellular L.L.C.

Name: Tracy Lemke

Title: Authorized Person

ASSIGNMENT OF PATENT RIGHTS -- Callaban Cellular L.L.C. to Intellectual Ventures Assets 82 LLC Page 2 of 2

PATENT REEL: 046631 FRAME: 0215

RECORDED: 08/13/2018