506003717 04/07/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6050427

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT OF LICENSING RIGHTS

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: 3

Property Type	Number
Patent Number:	6574239
Patent Number:	8266296
Patent Number:	8291010

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	PAT MATHEWS	
SIGNATURE:	/Pat Mathews/	
DATE SIGNED:	04/07/2020	

Total Attachments: 4

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PATENT 506003717 REEL: 052335 FRAME: 0306

ASSIGNMENT OF LICENSING 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 and interest in and to the following (collectively, the "Assigned Licensing Right(s)"):

(a) the exclusive right to license the patents and patent applications listed in the table below (the "Exclusively Licensed Patent(s)");

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
8291010 ¹	US	10/16/2012	Virtual connection of a remote
(12/194311)		(8/19/2008)	unit to a server
			ERIC MORGAN DOWLING; MARK NICHOLAS ANASTASI
8266296 ²	US	9/11/2012	Application-Layer Evaluation
(12/272481)		(11/17/2008)	of Communications Received by a Mobile Device
			ERIC MORGAN DOWLING; MARK NICHOLAS ANASTASI
6574239 ³ (09/167698)	US	6/3/2003 (10/7/1998)	Virtual connection of a remote unit to a server
			ERIC MORGAN DOWLING; MARK NICHOLAS ANASTASI
10/335821	US	1/2/2003	Virtual connection of a remote unit to a server
			ERIC MORGAN DOWLING; MARK NICHOLAS ANASTASI

PATENT REEL: 052335 FRAME: 0307

¹ Rights transferred hereunder exclude any scope falling within claims 8-75 of US Patent No. 6574239.

² Rights transferred hereunder exclude any scope falling within claims 8-75 of US Patent No. 6574239.

³ Rights transferred hereunder only as to claims 1-7 of US Patent No. 6574239.

Patent/		Issue Date/		
Application Number	Country	Filing Date	Title of Patent and Inventors	
10/335609	US	1/2/2003	APPLICATION-PROGRAM-	
			TARGETED PUSH	
			MESSAGING WITH USER	
			INTERACTIVE FILTERING	
			ERIC MORGAN DOWLING;	
			MARK NICHOLAS	
			ANASTASI	
10/920507	US	8/18/2004	Virtual connection of a remote	
			unit to a server	
			ERIC MORGAN DOWLING;	
			MARK NICHOLAS	
			ANASTASI	
10/920817	US	8/18/2004	Application-layer evaluation	
			of communications received	
			by a mobile device	
			ERIC MORGAN DOWLING;	
			MARK NICHOLAS	
A			ANASTASI	
(V.,,	<u></u>		, , , , , , , , , , , , , , , , , , ,	

- (b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Exclusively Licensed 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 Exclusively Licensed Patents; and
- (d) causes of action and enforcement rights of any kind under, or on account of, any of the Exclusively Licensed 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 or related to any of the Exclusively Licensed Patents in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Licensing 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 Exclusively Licensed Patents pursuant to this Assignment of Licensing 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 Licensing Rights.

IN WITNESS WHEREOF this Assignment of Licensing Rights is executed on 2018, to be effective on 14 November 2018.

ASSIGNOR:

Tr / X /	Townsens trustions Brown & F. C.		
E.A.Z.	Communication Fund, LLC		
By:	<u> </u>	∞ :	
	Rocky Adomato	**************************************	
Title:	Authorized Person	nec.	
	STATE OF WASHINGTON)		
)ss.		
	COUNTY OF KING)		
	a historia so sale beauti	Valley Carl	NTatawa
	On Now 20 2018, before me, Public in and for said State, personally appear	AIMICE LA NICEPPO ared Voy E. F. Andrews Los	personally
	known to me (or proved to me on the basis of		Σ ~
	name is subscribed to the within instrument		
	the same in his/her authorized capacity, and	•••	
	person, or the entity upon behalf of which th	e person acted, executed the instr	ument.
	XVIVON INCOME.		
	WITNESS my hand and official seal.		
	Signature Oanie L. B. J. J.	(Sear) i Anice i c	Managarah J
		- NT TOANIOE L. C	OBBEL (
	Notary Public, State of Washington	STATE OF WAS	MINGTON I
		COMMISSION :	EXPIRES 🖁 📗
	My Commission expires: <u>Pabrillerial</u>	2/7 FEBRUARY	9, 2019) mmmmm
ASSIG	inee:		
er . 212			
intelle	ctual Ventures Assets 103 LLC		
Ву:		_	
Name:	Rocky Adornato		
Title:	Authorized Person	*	

STATE OF WASHINGTON))ss. COUNTY OF KING)	
On Norman 20 2018, before me, Vanda Public in and for said State, personally appeared Research known to me (or proved to me on the basis of satisfactory name is subscribed to the within instrument and acknow the same in his/her authorized capacity, and that by his/herson, or the entity upon behalf of which the person act	personally vevidence) to be the person whose ledged to me that he/she executed the signature on the instrument the
WITNESS my hand and official seal.	
Signature Oand L. Park L.	
Notary Public, State of Washington	NOTARY PUBLIC (STATE OF WASHINGTON (
My Commission expires: <u>Coloring 10, 200</u> 7	COMMISSION EXPIRES FEBRUARY 9, 2019

RECORDED: 04/07/2020