PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5704417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CAN LIANG	09/01/2019
PRAVESH KATYAL	08/27/2019
YILIN CHEN	08/29/2019
CRYSTAL SHI	08/15/2019
HUITAO LUO	08/23/2019

RECEIVING PARTY DATA

Name:	XAD, INC.	
Street Address:	189 BERNARDO AVENUE	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16157010

CORRESPONDENCE DATA

Fax Number: (650)843-4001

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.

Phone: 650 843 4000

Email: lata.olivier@morganlewis.com **Correspondent Name:** MORGAN LEWIS & BOCKIUS LLP

1400 PAGE MILL ROAD Address Line 1:

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	129982-5028-US
NAME OF SUBMITTER:	JAMIE J. ZHENG
SIGNATURE:	/ Jamie J. Zheng /
DATE SIGNED:	09/05/2019

Total Attachments: 7

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source=129982-5028-US Assignment#page7.tif	

Chen, residing in Sunnyvale, CA; Crystal Shi, residing in Los Angeles, CA and Huitao Luo, residing in Fremont, CA. ASSIGNORS, are the inventors of the invention in Systems and Methods for Using Geo-Blocks and Geo-Fences to Discover Lookalike Mobile Devices, described in an application for a Patent of the United States
which is executed on even date herewith
which is identified by Morgan, Lewis & Bockius LLP docket no. 129982-5028-US
which was filed on October 10, 2018, Application No. 16/157,010
which claims priority on U.S. Provisional Patent Application No(s).
We hereby authorize and request our attorney, [attorney name], of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number, filed) the filing date and application number of said application when known.
and WHEREAS, Xad, Inc., ASSIGNEE, having a place of business at 189 Bernardo Ave, Mountain View, CA 94043, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and se over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United State applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors certificates and designs which may be granted for said invention in any country or countries foreign to the United State and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, an that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sig all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generall do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date 09/01/2019
DateL.S. Pravesh Katyal
DateL.S. Yilin Chen

Chen, residing in State of the inventors	ing in Sunnyvale, CA: Pravesh Katyat, residi Shi, residing in Los Angeles, CA and Huita ention in Systems and Methods for Using C scribed in an application for a Patent of the Un	o kato, residing in Fremont, CA.
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con the latest the identified by Morgan, Lewis c	C DOCKIOS ELEP (IOCKE) BO. 1299X2+302X-US	
** Common Glad on October 10, 2016, 7	ADDUCABOB (NO. 16/157/010	
which was need on U.S. Provision which claims priority on U.S. Provision We hereby authorize and request our at parenthesis (Application number number of said application when know	torney, [attorney name], of Morgan, Lewis & filed);	Bockius LLP, to insert here in he filing date and application
and WHEREAS, Xad, Inc., ASSIGNEE, I desirous of obtaining our entire right, title a	naving a place of business at 189 Bernardo A and interest in, to and under the said invention	ve, Mountain View, CA 94043, is and the said application;
and other good and valuable consideration ASSIGNORS, have sold, assigned, transfe over, unto the said ASSIGNEE, its success under the said invention, and the said Unit any substitute applications therefore, and all extensions thereof; the said United State application claims priority; and all appli applications for patents, utility models, at countries foreign to the United States, toget priority rights derived from said United States other international agreement or the dom applicable; and all forms of industrial propertificates and designs which may be grained all extensions, renewals and reissues the AND WE HEREBY authorize and	request the Commissioner of Patents and Treign to the United States, whose duty it is topolications as aforesaid, to issue the same to	creby acknowledged, we, the said ereby sell, assign, transfer and ser re right, title and interest in, to and rals and continuations thereof, and granted thereon and all reissues and on which the said United States including, without limitation, all resid invention in any country or define the right to claim for the same the sional patent application(s), if any ction of Industrial Property, or any chapplication is filed, as may be a palents, utility models, inventors' untries foreign to the United States rademarks of the United States, and o issue patents or other evidence or
•	agree that we have full right to convey the	entire interest herein assigned, and
AND WE HEREBY further coven legal representatives and assigns, any facts all lawful papers, execute all divisional, co do everything possible to aid the said ASS proper protection for said invention in all c	ntinuing, reissue and intergri applications, of IGNEE, its successors, legal representative	nake all rightful oaths, and generally
IN TESTIMONY WHEREOF, Wo	e hereunto set our hands and seals the day	and year set opposite our respective
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	Pravesh Katyal	
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Date	Yilin Chen	
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AS	en, residing in Sunnyvale, CA; Crystal Shi SIGNORS, are the inventors of the inventio	in Sunnyvale, CA; Pravesn Katyai, residing in Mountair it, residing in Los Angeles, CA and Huitao Luo, residing in in Systems and Methods for Using Geo-Blocks and ed in an application for a Patent of the United States	z in Fremont, CA.
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\boxtimes	which is identified by Morgan, Lewis & Bo	ockius LLP docket no. 129982-5028-US	
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AS over any extrapproperties of the approperties of the approperti	I other good and valuable consideration, the SIGNORS, have sold, assigned, transferred er, unto the said ASSIGNEE, its successors, I der the said invention, and the said United Sy substitute applications therefore, and all Patensions thereof; the said United States prolication claims priority; and all application polications for patents, utility models, and dontries foreign to the United States, together world the Patent Laws of the United States, their international agreement or the domestic policable; and all forms of industrial property	that for and in consideration of the sum of One Dollar (\$\frac{1}{2}\text{ ereceipt}\$ and sufficiency of which are hereby acknowled and set over, and by these presents do hereby sell, assign egal representatives and assigns, our entire right, title and tates application and all divisions, renewals and continuatents of the United States which may be granted thereon at consional patent application(s), if any, on which the states of industrial property protection, including, without esigns which may hereafter be filed for said invention with the right to file such applications and the right to claim application and said United States provisional patent apple International Convention for the Protection of Industria laws of the country in which any such application is protection, including, without limitation, patents, utility in for said invention in any country or countries foreign to ft;	dged, we, the said n, transfer and set interest in, to and itions thereof, and aid United States but limitation, all in any country or n for the same the lication(s), if any, I Property, or any filed, as may be models, inventors'
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tha	AND WE HEREBY covenant and agreet we have not executed, and will not execute	ee that we have full right to convey the entire interest her, any agreement in conflict herewith.	ein assigned, and
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		Pravesh Katyal	
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Dat	Aug 29, 2019	Tmlke	L.S.
Dat		Yilin Chen	

Chen, residing in Sunnyvale, CA; Cry ASSIGNORS, are the inventors of the	residing in Sunnyvale, CA; Pravesh Katyal, residing in Iystal Shi, residing in Los Angeles, CA and Huitao Luo invention in Systems and Methods for Using Geo-Bls, described in an application for a Patent of the United St	, residing in Fremont, CA, locks and Geo-Fences to
\boxtimes which was filed on October 10, 201	wis & Bockius LLP docket no. 129982-5028-US	as LLP, to insert here in g date and application
NOW, THEREFORE, let it be and other good and valuable considera ASSIGNORS, have sold, assigned, transver, unto the said ASSIGNEE, its succunder the said invention, and the said Lany substitute applications therefore, an extensions thereof; the said United Sapplications for patents, utility models countries foreign to the United States, to priority rights derived from said United under the Patent Laws of the United Stother international agreement or the capplicable; and all forms of industrial process.	EE, having a place of business at 189 Bernardo Ave, Moritle and interest in, to and under the said invention and the known that for and in consideration of the sum of One ation, the receipt and sufficiency of which are hereby as insferred and set over, and by these presents do hereby secessors, legal representatives and assigns, our entire right, United States application and all divisions, renewals and all Patents of the United States which may be granted to states provisional patent application(s), if any, on which applications for industrial property protection, including set, and designs which may hereafter be filed for said in the original property protection and said United States provisional patents, the International Convention for the Protection of domestic laws of the country in which any such application property protection, including, without limitation, patents granted for said invention in any country or countries for the three of	Dollar (\$1.00) to me paid, cknowledged, we, the said ell, assign, transfer and set, title and interest in, to and continuations thereof, and thereon and all reissues and ch the said United States ing, without limitation, all evention in any country or ht to claim for the same the atent application(s), if any, Industrial Property, or any cation is filed, as may be s, utility models, inventors'
AND WE HEREBY authorize any Official of any country or countrie forms of industrial property protection of	and request the Commissioner of Patents and Trademarks foreign to the United States, whose duty it is to issue pon applications as aforesaid, to issue the same to the said Acordance with the terms of this instrument.	atents or other evidence or
that we have not executed, and will not AND WE HEREBY further co	and agree that we have full right to convey the entire in texecute, any agreement in conflict herewith. Even and agree that we will communicate to the said A acts known to us respecting said invention, and testify in l, continuing, reissue and foreign applications, make all ri ASSIGNEE, its successors, legal representatives and assiall countries.	ASSIGNEE, its successors,
	all countries. We hereunto set our hands and seals the day and year seals.	
Date	Can Liang	L.S.
Date	Pravesh Katyal	L.S.
Date	Yilin Chen	L.S.

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 129982-5028-US

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AND WE HEREBY further collegal representatives and assigns, any fall lawful papers, execute all divisional do everything possible to aid the said approper protection for said invention in	evenant and agree that we will communicate facts known to us respecting said invention, a l, continuing, reissue and foreign applications ASSIGNEE, its successors, legal representated all countries.	to the said ASSIGNEE, its successors, and testify in any legal proceeding, sign s, make all rightful oaths, and generally tives and assigns, to obtain and enforce
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Date	Can Liang	L.S.
Date	Pravesh Katyal	L.S.
Date	Yilin Chen	L.S.
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MORGAN, LEWIS & BOCKIUS ELP DOCKET NO. 129982-5028-US

Date		Crystal Shi	S.
Date	8/23/2019	Huitao Luo	S.

RECORDED: 09/05/2019

PATENT

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