

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5044112

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QI SHAN	05/08/2018
ALEX COLBURN	05/08/2018
LI GUAN	05/08/2018
IVAYLO BOYADZHIEV	05/08/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZILLOW GROUP, INC.
<b>Street Address:</b>	1301 SECOND AVENUE
<b>Internal Address:</b>	FLOOR 31
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98101
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15649427
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)682-6031
<i>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.</i>	
<b>Phone:</b>	2066224900
<b>Email:</b>	danield@seedip.com
<b>Correspondent Name:</b>	SEED IP LAW GROUP LLP
<b>Address Line 1:</b>	701 FIFTH AVENUE
<b>Address Line 2:</b>	SUITE 5400
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98104
<b>ATTORNEY DOCKET NUMBER:</b>	990074.401
<b>NAME OF SUBMITTER:</b>	JAMES A. D. WHITE
<b>SIGNATURE:</b>	/James A. D. White/
<b>DATE SIGNED:</b>	07/10/2018
<b>Total Attachments: 5</b>	

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source=assignment\_401#page5.tif

## ASSIGNMENT

WHEREAS, we,

Name	Address	
Qi Shan	4415 E Mercer Way Mercer Island, WA 98040	;
Alex Colburn	3424 61 <sup>st</sup> AVE SW Seattle, WA 98116	;
Li Guan	16614 SE 50 <sup>th</sup> PL Bellevue, WA 98006	; and
Ivaylo Boyadzhiev	8503 9 <sup>th</sup> Ave NW Seattle, WA 98117	;

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "CAPTURE AND USE OF BUILDING INTERIOR DATA FROM MOBILE DEVICES," as described and claimed in the specification for which an application for United States letters patent was filed on July 13, 2017, and assigned Application No. 15/649,427;

WHEREAS,

Corporation Name	Address
Zillow Group, Inc.	1301 Second Avenue, Floor 31 Seattle, WA 98101

(hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of

**PATENT**

**REEL: 046310 FRAME: 0428**

ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

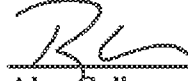
This assignment is made effective as of July 13, 2017.

5/8/2018                      Qi Shan (Assignor)  
 Date                                      Qi Shan  
 State of Washington )  
 County of King ) ss.

I certify that I know or have satisfactory evidence that Qi Shan is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

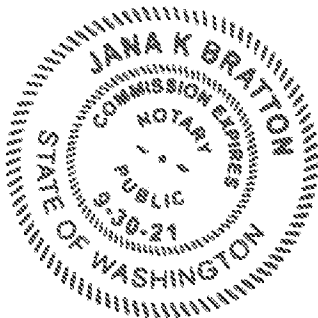

Dated 8 May 2018  
 Signature of Notary Public Jana K Bratton  
 Printed Name Jana Bratton  
 My appointment expires 30 Sept. 2021



Date 05/18/2018
  
 (Assignor)  
 Alex Colburn
State of WashingtonCounty of King

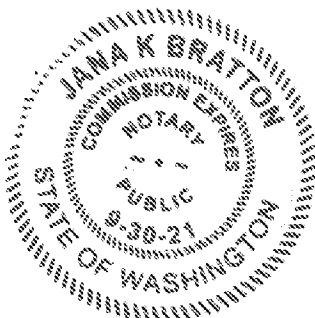
ss.

I certify that I know or have satisfactory evidence that Alex Colburn is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 8 May 2018Signature of Notary Public Jana BrattonPrinted Name Jana BrattonMy appointment expires 30 Sept. 2021Date 5/8/2018
  
 (Assignor)  
 Li Guan
State of WashingtonCounty of King

ss.

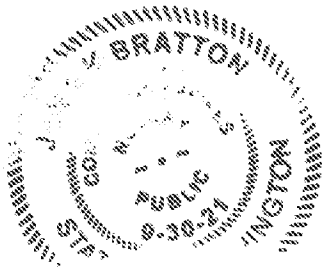
I certify that I know or have satisfactory evidence that Li Guan is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 8 May 2018Signature of Notary Public Jana BrattonPrinted Name Jana BrattonMy appointment expires 30 Sept. 2021

Date 5/8/2018IB  
Ivaylo Boyadzhiev (Assignor)State of WashingtonCounty of King

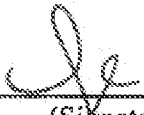
ss.

I certify that I know or have satisfactory evidence that Ivaylo Boyadzhiev is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 8 May 2018Signature of Notary Public Jana BrattonPrinted Name Jana BrattonMy appointment expires 30 Sept. 2021

Zillow Group, Inc.

5/9/2018  
Date

 (Assignee)  
(Signatory Signature)

Michelle Wynne-Otter, Assistant General  
(Assignee Signatory Name, Title) Counsel

Docket No. 990074.401 | A2-7.doc