PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONG RAO	03/10/2021
YONGLIN YANG	03/10/2021
YUTONG CHEN	03/10/2021
MINGYUAN WANG	03/10/2021

RECEIVING PARTY DATA

Name:	KE.COM (BEIJING) TECHNOLOGY CO., LTD.
Street Address:	ROOM 102-1, FLOOR 01, BUILDING. NO. 35
Internal Address:	COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST.
City:	BEIJING
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17383157

CORRESPONDENCE DATA

Fax Number: (132)616-5700

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: 3126165600

Email: assignments@leydig.com
Correspondent Name: LEYDIG, VOIT & MAYER, LTD.

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2:180 NORTH STETSON AVENUEAddress Line 4:CHICAGO, ILLINOIS 60601-6745

ATTORNEY DOCKET NUMBER:	570061
NAME OF SUBMITTER:	KEVIN B. LIU
SIGNATURE:	/Kevin B. Liu/
DATE SIGNED:	07/22/2021

Total Attachments: 3

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> PATENT REEL: 056951 FRAME: 0130

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PATENT REEL: 056951 FRAME: 0131

PATENT
Attorney Docket No. 570009
Client Reference No. 2020P050CN-US

Leydig, Voit & Mayer, Ltd. Two Prudential Plaza Suite 4900 Chicago, Illinois 60601-6731

ASSIGNMENT

WHEREAS, WE,

Tong RAO of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING, CHINA;

Yonglin YANG of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING, CHINA; Mingyuan WANG, of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING, CHINA;

Yutong CHEN of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING, CHINA;

hereinafter referred to as Assignor(s), have invented a certain invention entitled:

METHOD AND DEVICE FOR GENERATING A PANORAMIC IMAGE

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on March 12, 2021 , under U.S. Application No. 17/200,659 , and

WHEREAS, KE.COM (BEIJING) TECHNOLOGY CO., LTD., of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING, CHINA, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application.

Now, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

Assignor(s) assigns and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in, to, and under the invention and any and all improvements thereof, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reexaminations, inter partes reviews, post-grant reviews, and oppositions),

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Assignor(s) conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor(s) will not execute any writing or do any act conflicting with the terms of this assignment, and Assignor(s) covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment,

Assignor(s) will at any time request, without further of additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor(s) and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor(s) authorizes Assignee to insert in this Assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor(s) and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Application	No.		
Attorney Do		No.	570009

RECORDED: 07/22/2021

Date <u>(0 - 2 - 202)</u>	Jong Ran Assignor: Tong RAO
Date	
Date	Witness
Date 10-3-2021	表対対 Assignor: Yonglin YANG
Date	Witness
Date	Witness
Date	Assignor: Yutong CHEN
Date	Witness
Date	Witness
Date (0-4-202)	Assignor: Mingyuan WANG
Date	Witness
Date	Witness

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