PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONG RAO	03/23/2021
CIHUI PAN	03/23/2021
MINGYUAN WANG	03/23/2021
XIAODONG GU	03/23/2021
CHENGLIN LIU	03/23/2021

RECEIVING PARTY DATA

Name:	KE.COM (BEIJING) TECHNOLOGY CO., LTD.
Street Address:	ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17210100

CORRESPONDENCE DATA

Fax Number: (312)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 (WALNUT CREEK)
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Address Line 2: 180 N. STETSON

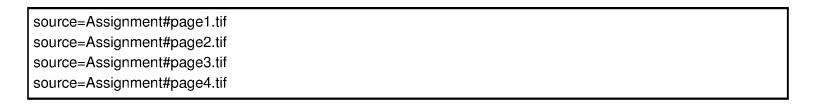
Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	570008
NAME OF SUBMITTER:	DEFFANY PAI
SIGNATURE:	/Deffany Pai/
DATE SIGNED:	03/15/2022

Total Attachments: 4

PATENT REEL: 059273 FRAME: 0135

507179055



PATENT REEL: 059273 FRAME: 0136

PATENT

Attorney Docket No. 570008 Client Reference No. 2020P037CN-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., BELJING 100085, CHINA;

Cihui PAN of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING 100085, CHINA:

Mingyuan WANG of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING 100085, CHINA;

Xiaodong GU, of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING 100085, CHINA;

Chenglin LIU of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XI'ERQI WEST ROAD, HAIDIAN DIST., BEIJING 100085, CHINA;

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

METHOD FOR MERGING MULTIPLE IMAGES AND POST-PROCESSING OF PANORAMA

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on March 23, 2021, under U.S. Application No.17/210,100, and

WHEREAS, KE.COM (BEIJING) TECHNOLOGY CO., LTD., of ROOM 102-1, FLOOR 01, BUILDING NO. 35, COURTYARD NO. 2, XIERQI WEST ROAD, HAIDIAN DIST., BEIJING 100085, 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,

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PATENT REEL: 059273 FRAME: 0137 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),

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.

Date	3/23/2021	Tong Lao Assignor: Tong RAO
Date		Witness
Date		Witness
		VI 10000
Date	23/202	7 Assignor: Cihui PAN
Date		Witness
Date		Witness
Date <u>3/-</u>	23/2021	Assignor: Mingyuan WANG
Date		Witness
Date		Witness
Date 3/:	23/2021	Assignor: Xiaodong GU
Date		Witness
Date		Witness

Application No. 17/210,100 Attorney Docket No. 570008

Date 3/23/2021	Chenglin Li'u	
	Assignor: Chenglin LIU	
Date		
	Witness	
Date		
	Witness	

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