PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENHUA HOU	02/18/2020
WENDONG DING	02/18/2020
HANG GAO	02/18/2020
GUOWEI WAN	02/18/2020
SHIYU SONG	02/21/2020

RECEIVING PARTY DATA

Name:	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.
Street Address:	2/F BAIDU CAMPUS, NO. 10,
Internal Address:	SHANGDI 10TH STREET HAIDIAN DISTRICT,
City:	BEIJING
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16806331

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 2066224900

bradens@seedip.com Email: **Correspondent Name:** SEED IP LAW GROUP

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Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	141196.401
NAME OF SUBMITTER:	JIANPING ZHANG
SIGNATURE:	/Jianping Zhang/
DATE SIGNED:	01/25/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 062485 FRAME: 0006

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Total Attachments: 6 source=Signed_Assignment_Inventors_to_Beijing#page1.tif source=Signed_Assignment_Inventors_to_Beijing#page2.tif source=Signed_Assignment_Inventors_to_Beijing#page3.tif source=Signed_Assignment_Inventors_to_Beijing#page4.tif source=Signed_Assignment_Inventors_to_Beijing#page5.tif source=Signed_Assignment_Inventors_to_Beijing#page6.tif

PATENT REEL: 062485 FRAME: 0007

ASSIGNMENT

WHEREAS, we, Shenhua HOU, Wendong DING, Hang GAO, Guowei WAN and Shiyu SONG (hereinafter referred to as ASSIGNORS), having mailing addresses 2/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China, are the joint inventors of an invention entitled "METHOD, APPARATUS, COMPUTING DEVICE AND COMPUTER-READABLE STORAGE MEDIUM FOR POSITIONING," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Beijing Baidu Netcom Science and Technology Co., Ltd. (hereinafter referred to as ASSIGNEE), a place of business at 2/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China, 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 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.

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PATENT REEL: 062485 FRAME: 0008

02.18.2020	Shenkur Hou
Date	Shenhua HOU

I certify that I know or have satisfactory evidence that Shenhua HOU signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date _	02.18 2020	Signed at Beijm, China
		(City, State or Country)
	Yao ZHOU	Yan Zhou
	(Name of Witness)	(Signature of Witness)

Application No.	16/806,331

02.18 2028	Werday Pirg
Date	Wendong DING

I certify that I know or have satisfactory evidence that Wendong DING signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date _	02.18 2020	Signed at Beij My , China
		(City, State or Country)
	Yao ZHOU	Yao Zhou
	(Name of Witness)	(Signature of Witness)

Application No. 16/806,331	
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2020-02-18	Hang Gno	
Date	Hang GAO	

I certify that I know or have satisfactory evidence that Hang GAO signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date 02.18 2020	Signed at
	(City, State or Country)
Yao ZHOU	Yao Zhou
(Name of Witness)	(Signature of Witness)

Application No.	16/806,331

02.18	. 2020	Gwwei Wan
Date		Guowei WAN
	-	or have satisfactory evidence that Guowei WAN signed this as a voluntary act for the uses and purposes mentioned in the
instrument.		
Date02.	18 2020	Signed at Beijing, China
		(City, State or Country)
Yao	ZHOU	Yao Zhou
(Name o	of Witness)	(Signature of Witness)

Αı	plication	No.	16/806,331	

02/21/2020	Stoff	
Date	Shiyu SONG	

I certify that I know or have satisfactory evidence that Shiyu SONG signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date _	02.18 2020	Signed atBeijing, China	
		(City, State or Country)	•
	Yao ZHOU	Yca Thou	
	(Name of Witness)	(Signature of Witness)	

RECORDED: 01/25/2023