505131137 10/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5177899

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENG QIAN	06/22/2018

RECEIVING PARTY DATA

Name:	BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.	
Street Address:	3/F BAIDU CAMPUS, NO. 10, SHANGDI 10TH STREET	
Internal Address:	HAIDIAN DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100085	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16154365

CORRESPONDENCE DATA

Fax Number: (720)931-3001

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: 720-931-3000

Email: patent@lathropgage.com, jprice@lathropgage.com

Correspondent Name: LATHROP GAGE LLP
Address Line 1: 2440 JUNCTION PLACE

Address Line 2: SUITE 300

Address Line 4: BOULDER, COLORADO 80301

ATTORNEY DOCKET NUMBER:	605562
NAME OF SUBMITTER:	PHILIP DIZEREGA
SIGNATURE:	/Philip diZerega/
DATE SIGNED:	10/08/2018

Total Attachments: 3

source=605562_PIDE3175137US-Signed__Assignment_statement#page1.tif source=605562_PIDE3175137US-Signed__Assignment_statement#page2.tif source=605562_PIDE3175137US-Signed__Assignment_statement#page3.tif

PATENT 505131137 REEL: 047095 FRAME: 0522

ASSIGNMENT STATEMENT

As a below named inventor, I hereby declare that:

I believe I am the original inventor of a claimed invention in the application for which this declaration is being submitted and for which a patent is sought on the invention entitled:

"CLOUD-BASED SPEECH PROCESSING METHOD AND APPARATUS"	

(hereinafter referred to as INVENTION), the application of which is attached hereto unless the following is checked

	(✓) filed on October 8, 2018	as United States Application Number
16/154,365	, or was filed on	as PCT International Application,
No		

The above-identified application claims the priority of Chinese Patent Application No. <u>201711079226.5</u>, entitled "<u>CLOUD-BASED SPEECH PROCESSING METHOD AND APPARATUS</u>" (in Chinese "<u>基于云端的语音处理方法和装置</u>") filed on <u>November 06, 2017</u>,

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize the firm of <u>Tsingvihua Intellectual Property LLC</u>, whose full post office address is <u>Room 301 Trade Building</u>, <u>Zhaolanyuan</u>, <u>Tsinghua University</u>, <u>Qinghuayuan</u>, <u>Haidian District</u>, <u>Beijing 100084</u>, <u>China</u> or the agent(s) of record in the United States to insert above the serial number and filing date of said application when known.

1/2

Chinese Application No.: 201711079226.5

WHEREAS, I, <u>Sheng QIAN</u> (hereinafter referred to as ASSIGNOR), having a mailing address of <u>3/F Baidu Campus, No. 10</u>, <u>Shangdi 10th Street</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</u>, am the inventor of the INVENTION;

WHEREAS, <u>BAIDU ONLINE NETWORK TECHNOLOGY</u> (<u>BEIJING</u>) <u>CO.</u>
<u>LTD.</u> (hereinafter referred to as ASSIGNEE), having a usual place of business at <u>3/F Baidu Campus</u>, <u>No. 10</u>, <u>Shangdi 10th Street</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</u>, 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;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers 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 divisions, reissues and continuations thereof, 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said INVENTION to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States 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.

FURTHER, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or its representatives any facts known to him respecting said INVENTION, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the patent application in the United

2/2

PATENT REEL: 047095 FRAME: 0524 US Assignment statement for US application claiming priority of Chinese Application No.: 201711079226.5

States and its territorial possessions and any reissue, re-examination or extension of said letters patent, execute all necessary assignment papers to cause any and all of said letters patents to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said INVENTION in the United States and its territorial possessions.

FURTHER, ASSIGNOR and ASSIGNEE hereby authorize the firm of Tsingvihua Intellectual Property LLC, whose full post office address is Room 301 Trade Building. Zhaolanyuan, Tsinghua University, Qinghuayuan, Haidian District, Beijing 100084. China, or the agent(s) of record in the United States to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States Patent and Trademark Office.

Legal Name of Inventor: Sheng QIAN

Qian Shong	7018:6·22
Signature of Inventor	Date