

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6231923

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MIAO FAN	06/26/2018
JINXING YU	06/26/2018
ZEHAO DOU	06/26/2018
MINGMING SUN	06/26/2018
PING LI	06/26/2018
HAIFENG WANG	06/26/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD.
<b>Street Address:</b>	NO. 10, SHANGDI 10TH STREET HAIDIAN DISTRICT
<b>Internal Address:</b>	3/F Baidu CAMPUS
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100085
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15733467
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)349-9266
<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>	6123495740
<b>Email:</b>	rausch@ptslaw.com
<b>Correspondent Name:</b>	PATTERSON THUENTE PEDERSEN, P.A.
<b>Address Line 1:</b>	80 SOUTH 8TH STREET
<b>Address Line 2:</b>	4800 IDS CENTER
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-2100
<b>ATTORNEY DOCKET NUMBER:</b>	5145.20WOUS01
<b>NAME OF SUBMITTER:</b>	MARGARET H. RAUSCH
<b>SIGNATURE:</b>	/Margaret H. Rausch/
<b>DATE SIGNED:</b>	08/03/2020

PATENT

**Total Attachments: 4**

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

**ASSIGNMENT STATEMENT**

As a below named inventor, I hereby declare that:

I believe I am the original joint 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:

**INFORMATION SEARCH METHOD, DEVICE, APPARATUS AND  
COMPUTER-READABLE MEDIUM**

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

filed on \_\_\_\_\_ as United States Application Number \_\_\_\_\_, or was filed on \_\_\_\_\_ as PCT International Application, No. \_\_\_\_\_

The above-identified application claims the priority of Chinese Patent Application No. 2018106359641, entitled

**INFORMATION SEARCH METHOD, DEVICE, APPARATUS AND  
COMPUTER-READABLE MEDIUM**

(in Chinese "信息检索方法、装置、设备及计算机可读介质") filed on June 20, 2018,

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 Insight Intellectual Property Attorneys, whose full post office address is 6-8th Floor, Tower A, Hundred Island Park, Bei Zhan Bei Jie Street, Xicheng District, Beijing, 100044, China, or the agent(s) of record in the United States to insert above the serial number and filing date of said application when known.

WHEREAS, we, Miao Fan, Jinxing Yu, Zehao Dou, Mingming Sun, Ping Li, Haifeng Wang (hereinafter referred to as ASSIGNORS), all having a mailing address of 3/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China 100085, are the joint inventors of the INVENTION;

WHEREAS, Baidu Online Network Technology (Beijing) Co., Ltd. (hereinafter referred to as ASSIGNEE), having a usual place of business at 3/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing, China 100085, 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, 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 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 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 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, ASSIGNORS agree that ASSIGNORS will communicate to said ASSIGNEE or its representatives any facts known to us 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 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, ASSIGNORS and ASSIGNEE hereby authorize the firm of Chang Tsi & Partners, whose full post office address is 6-8th Floor, Tower A, Hundred Island Park, Bei Zhan Bei Jie Street, Xicheng District, Beijing, 100044, 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: Miao Fan

  
Signature of Inventor

June 26, 2018  
Date

Legal Name of Inventor: Jinxing Yu

Jinxing Yu  
Signature of Inventor

June 26, 2018  
Date

Legal Name of Inventor: Zehao Dou

US Assignment statement for US application claiming priority of  
Chinese Application No.: CN 2018106359641

Zehao Dou

Signature of Inventor

June 26, 2018

Date

Legal Name of Inventor: Mingming Sun

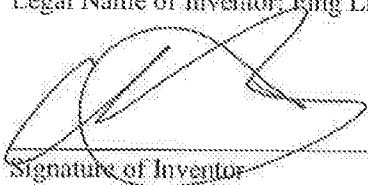
Mingming Sun

Signature of Inventor

June 26, 2018

Date

Legal Name of Inventor: Bing Li

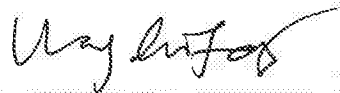


Signature of Inventor

06/26/2018

Date

Legal Name of Inventor: Haifeng Wang



Signature of Inventor

June 26, 2018

Date