

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SIQI BAO	07/17/2017
ZEYU CHEN	07/17/2017
DI JIANG	07/17/2017
JINGZHOU HE	07/17/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAIDU INTERNATIONAL TECHNOLOGY (SHENZHEN) CO., LTD.
<b>Street Address:</b>	301, 3F, UNIT D, SHENGCHANLI BUILDING
<b>Internal Address:</b>	NO. 5, 2ND GAOXIN AVENUE (M), NANSHAN DISTRICT
<b>City:</b>	SHENZHEN, GUANGDONG PROVINCE
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518057
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15891289
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-0448
<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>	3124746300
<b>Email:</b>	docket@marshallip.com
<b>Correspondent Name:</b>	MARSHALL GERSTEIN & BORUN LLP
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE
<b>Address Line 2:</b>	SUITE 6300
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	32715/52792
<b>NAME OF SUBMITTER:</b>	DAVID C. READ
<b>SIGNATURE:</b>	/David C. Read/
<b>DATE SIGNED:</b>	02/08/2018
<b>Total Attachments: 3</b>	

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## ASSIGNMENT

WHEREAS, we, Siqu Bao, Zeyu Chen, Di Jiang and Jingzhou He (hereinafter referred to as ASSIGNORS), all having a mailing address of 301, 3F, Unit D, Shengchanli Building, No. 5, 2nd Gaoxin Avenue (M), Nanshan District, Shenzhen, Guangdong Province 518057, P.R.China, are the joint inventors of an invention entitled "METHOD AND DEVICE FOR COMPRESSING TOPIC MODEL," (in Chinese "用于压缩主题模型的方法和装置") as described and claimed in the specification for which an application for Chinese letters patent was filed on May 11, 2017 and assigned Application No. CN 201710331369.4;

WHEREAS, Baidu International Technology (Shenzhen) Co., Ltd. (hereinafter referred to as ASSIGNEE), having a usual place of business at 301, 3F, Unit D, Shengchanli Building, No. 5, 2nd Gaoxin Avenue (M), Nanshan District, Shenzhen, Guangdong Province 518057, P.R.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;

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 Insight Intellectual Property Limited, whose full post office address is 19 A, Tower A, InDo Building, No. 48A Zhichun Road, Haidian District, Beijing, China 100098, 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.

07/17/2017  
Date

鮑恩琪  
Siqi Bao

07/17/2017  
Date

陳澤宇  
Zeyu Chen

07/17/2017  
Date

姜迪  
Di Jiang

07/17/2017  
Date

Jingzhou He  
Jingzhou He