

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QU PENG	09/07/2020
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<b>Name:</b>	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD
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<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16980897
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	116871.000029
<b>NAME OF SUBMITTER:</b>	AIQING WANG
<b>SIGNATURE:</b>	/Aiqing Wang/
<b>DATE SIGNED:</b>	09/17/2020
<b>Total Attachments: 4</b>	
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source=116871.000029 DeclAssign Peng#page3.tif	
source=116871.000029 DeclAssign Peng#page4.tif	

Application No. :  
Docket No. : 116871.000029

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s):  
PENG, Qu

Address:  
Jinritoutiao Post office, China Satellite Communications Tower  
No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 116871.000029 ("the invention"), entitled **METHOD AND DEVICE FOR GENERATING RANKING MODEL** ("the subject application"), which is the national stage of PCT international application number PCT/CN2018/104683, filed on 2018/09/07. I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **Beijing Zitiao Network Technology Co., Ltd.**, ASSIGNEE, having a place of business at **0207, 2/F, Building 4, Zijin Digital Park, Haidian District, Beijing, P. R. China**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

**METHOD AND DEVICE FOR GENERATING RANKING MODEL**

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority

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**PATENT**  
**REEL: 053806 FRAME: 0202**

Application No.:  
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### COMBINED DECLARATION AND ASSIGNMENT

application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND ASSIGNOR(S) HEREBY covenant and agree that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR(S) HEREBY further covenant and agree that ASSIGNOR(S) will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR(S) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

Application No.:  
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COMBINED DECLARATION AND ASSIGNMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND DEVICE FOR GENERATING RANKING MODEL
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As the below named inventor(s), I/we declare that:

This combined declaration and assignment is directed to:

- the attached application, or  
 United States application or PCT international application number  
PCT/CN2018/104683  
filed 2018/09/07.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

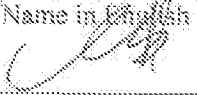
**Notice to Inventor(s):** A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

**Notice to Inventor(s):** A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Application No.:  
Docket No.: 116871.000029

COMBINED DECLARATION AND ASSIGNMENT

PENG, Qiu  
Printed Name in English

  
Inventor's Signature

07.09.2020  
Date

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The foregoing Combined Declaration and Assignment covers patent application number \_\_\_\_\_, filed on \_\_\_\_\_.

/Aiqing Wang/  
Name of Attorney:  
Registration No.:  
Date of Insertion: