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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6875912

		NEW ASSIGNME	NT .	
IATURE OF CONVEYAN	CE:	ASSIGNMENT		
CONVEYING PARTY DA	TA			
		Name		Execution Date
XINJING CHENG				07/16/2021
RUIGANG YANG				07/16/2021
YAJUE YANG				07/16/2021
FEIXIANG LU				07/16/2021
HAO XU				07/16/2021
RECEIVING PARTY DAT	ГА			
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Street Address:	2/F BA	DU CAMPUS, NO. 10, S	HANGDI 10TH	ISTREET
Internal Address:	HAIDIAN DISTRICT			
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State/Country:	CHINA			
Postal Code:	100085			
PROPERTY NUMBERS		Number]
Property Type		number		
Property Type Application Number:		16677413		
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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:

Method and Apparatus for Outputting Information

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

(X) filed on November 7, 2019 as United States Application No. 16/677,413, or was filed on ______ as PCT International Application, No. ______.

The above-identified application claims the priority of Chinese Patent Application No. 201910075860.4, entitled "Method and Apparatus for Outputting Information" (in Chinese "用于输出信息的方法和装置") filed on January 25, 2019,

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 Floor 7, China Overseas Plaza Central Tower, No. 8 Guanghua Dongli, Jianwai Avenue, Chaoyang District, Beijing 100020, 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, CHENG, Xinjing; YANG, Ruigang; YANG, Yajue; LU, Feixiang; XU, Hao (hereinafter referred to as ASSIGNORS), all having a mailing address of 2/F Baidu

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PATENT REEL: 057243 FRAME: 0395

Campus, No. 10 Shangdi 10th Street, Haidian District, Beijing 100085, China, are the joint inventors of the INVENTION;

WHEREAS, BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO.,

LTD. (hereinafter referred to as ASSIGNEE), having a usual place of business at 2/F Baidu Campus, No. 10 Shangdi 10th Street, Haidian District, Beijing 100085, 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 US Assignment statement for US application claiming priority of Chinese Application No.: CN201910075860.4

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 eaid 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 Attorneys, whose full post office address is Floor 7, China Overseas Plaza Central Tower, No. 8 Guanghua Dongli, Jianwai Avenue, Chaoyang District, Beijing 100020, China, or the agent(a) 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: CHENG, Xinjing

Marg Xing rog Signature of Soventor

2024 . 1. Date

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Legal Name of Inventor: YANG, Ruigang

Young You gand

Date

Legal Name of Inventor: VANG, Yajue

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PATENT REEL: 057243 FRAME: 0397 US Assignment statement for US application claiming priority of Chinese Application No.: CN201910075260.4

Yang Yajus Signature & Inventor

2021.07.16

Date

Legal Name of Inventor: LU, Feixlang

U. fei Xiang Signature of Inventor

2021.7.16 Date

Legai Name of Inventor: XU, Hao

Xu Mae

Signature of Inventor

≫0≥1 - 07<u>- 76</u> Date

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PATENT REEL: 057243 FRAME: 0398

RECORDED: 08/20/2021