504663275 11/29/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUCHEN YAO	11/28/2017
GUOGUO CHEN	11/29/2017

RECEIVING PARTY DATA

Name:	BAIDU USA LLC	
Street Address:	1195 BORDEAUX DR.	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94089	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15823271

CORRESPONDENCE DATA

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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.

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Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN

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ATTORNEY DOCKET NUMBER:	9922P126
NAME OF SUBMITTER:	JOAN ABRIAM
SIGNATURE:	/JOAN ABRIAM/
DATE SIGNED:	11/29/2017

Total Attachments: 2

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PATENT 504663275 REEL: 044254 FRAME: 0557

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 9922P126

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned,

XUCHEN YAO, GUOGUO CHEN,

hereby sell, assign, and transfer to

Baidu USA LLC

a limited liability company of California, having a principal place of business at 1195 Bordeaux Dr., Sunnyvale, CA 94089 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

SYSTEM AND METHOD FOR VISUALLY UNDERSTANDING AND PROGRAMMING CONVERSATIONAL AGENTS OF ELECTRONIC DEVICES

said	patent	ap	plication	also	identified	as	follows (when	known)):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the applicat	tion
number and filing date of said patent application when known.]	

United States Patent Application Number	15/823,271	filed	November 27, 2017
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and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Nov 28	, 2017	Sochen Yao	
Date	<u> </u>	Signature	
		XUCHEN YAO	
		Printed/Typed Name	

Nov 29	, 20	- Collin
Date		Signature
		GUOGUO CHEN
		Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

RECORDED: 11/29/2017