PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3735666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WESLEY SHAO	02/08/2016
JI LI	02/08/2016
JUNWEI BAO	02/08/2016
WEIYU W. LU	02/09/2016

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:	15019822

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	9922P004
NAME OF SUBMITTER:	JOAN I. ABRIAM
SIGNATURE:	/Joan I. Abriam/
DATE SIGNED:	02/11/2016

Total Attachments: 2

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> **PATENT REEL: 037718 FRAME: 0205** 503689028

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 9922P004

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

Wesley Shao, Ji Li, Junwei Bao, Weiyu W. Lu,

hereby sell, assign, and transfer to

Baidu USA LLC

a corporation, 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

HOT-PLUG CAPABLE INPUT AND OUTPUT (IO) SYSTEM

said patent application also identified as follows (when known):

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

Total Column Sphothers Named Total Column Co	United States Patent Application Number	15/019,822	filec	<u> February 9, 2016</u>
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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

Rev. 1/08/2010 PATENT REEL: 037718 FRAME: 0206 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:

Feb 08, 20 (6	Wesley
Date	◯ Signature
	Wesley Shao

Signature	
Wesley Shao	
Printed/Typed Name	

Feb 08, 20 16	
Date	Signature
	Ji Li
	Printed/Typed Name
Feb 08 ,2016	3-6
Date	Signature
	Junwei Bao
	Printed/Typed Name

Feb 09, 2016	<u> </u>
Date	Signature
	Weiyu W. Lu
	Printed/Typed Name

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