

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4508027

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHENGQUAN ZHANG	02/15/2017
HAN HU	02/15/2017
YUXUAN LUO	02/15/2017
JUNYU HAN	02/15/2017
ERRUI DING	02/16/2017
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State/Country:	CHINA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15419958
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NAME OF SUBMITTER:	KEITH M LIM
SIGNATURE:	/Keith M. Lim/
DATE SIGNED:	07/18/2017

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we, Chengquan ZHANG, Han HU, Yuxuan LUO, Junyu HAN and Errui DING (hereinafter referred to as ASSIGNORS), all having a mailing address of 3/F Baidu Campus, No. 10, Shangdi 10th Street Haidian District, Beijing 100085, China, are the joint inventors of an invention entitled "CHARACTER DETECTION METHOD AND APPARATUS" ("字符检测方法和装置"), as described and claimed in the specification for which an application for Chinese letters patent was filed on December 30, 2016 at the State Intellectual Property Office of China (SIPO), and assigned Application No. 201611262299.3.

WHEREAS, BAIDU ONLINE NETWORK TECHNOLOGY (BEIJING) CO., LTD. (hereinafter referred to as ASSIGNEE), having a usual place of business at 3/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 and to all conventions and treaty rights of all kinds, in all countries throughout the world;

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 and to all conventions and treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all letters patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the patent application in any country or jurisdiction, re-examination or extension of said letters patent, 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 patent office officials throughout the world to issue any and 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 letters patent in and to all conventions and treaty rights of all

kinds, in all countries throughout the world on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

FURTHER, we agree that we 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 any country or jurisdiction 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 throughout the world.

Feb. 15, 2017
Date

Chengquan Zhang
Chengquan ZHANG

2017.2.15
Date

Han
Han HU

February 15, 2017
Date

Yuxuan LUO
Yuxuan LUO

Feb 15, 2017
Date

Junyu Han
Junyu HAN

Feb 16 2017
Date

Errui Ding
Errui DING