

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5223631

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MENG QIU	07/13/2018
JIAQI PAN	07/13/2018
YA ZHANG	07/13/2018
QINGHUA XIAO	07/13/2018
SHUTING ZHANG	07/13/2018
JUNMING WANG	07/13/2018
SIYA ZHU	07/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
<b>Street Address:</b>	35/F, TENCENT BUILDING, KEJIZHONGYI ROAD
<b>Internal Address:</b>	MIDWEST DISTRICT OF HI-TECH PARK, NANSHAN DISTRICT
<b>City:</b>	SHENZHEN, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518057
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	29657477
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)680-3312
<i>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.</i>	
<b>Phone:</b>	610-395-4900
<b>Email:</b>	assignments@designip.com
<b>Correspondent Name:</b>	DAMON A. NEAGLE
<b>Address Line 1:</b>	5050 W. TILGHMAN STREET, SUITE 435
<b>Address Line 4:</b>	ALLENTOWN, PENNSYLVANIA 18104
<b>ATTORNEY DOCKET NUMBER:</b>	SGP-D0116
<b>NAME OF SUBMITTER:</b>	DAMON A. NEAGLE
<b>SIGNATURE:</b>	/Damon A. Neagle/

**DATE SIGNED:**

11/05/2018

**Total Attachments: 14**

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**COMBINED ASSIGNMENT & DECLARATION**

**ASSIGNMENT**

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WHEREAS, TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, a corporation organized and existing under the laws of P. R. China, having a place of business at 35/F, Tencent Building, Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which by the Assignor from Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

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DATE: 2018.07.13

SIGNATURE: Meng QIU

Meng, QIU

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DATE: 2018.07.13

SIGNATURE: JIAQI PAN  
Jiaqi, PAN

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DATE: 2018/07/13

SIGNATURE: Ya. ZHANG

Ya. ZHANG



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DATE: 2018-07-13

SIGNATURE: Qinghua, XIAO  
Qinghua, XIAO

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DATE: 2018-07-13

SIGNATURE: Shuting ZHANG  
Shuting, ZHANG

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DATE: 2018.07.13

SIGNATURE: Junming WANG  
Junming, WANG

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SIGNATURE: Siya ZHU

Siya, ZHU