

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5207416

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ZTE CORPORATION	10/23/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	XI'AN ZHONGXING NEW SOFTWARE CO., LTD.
<b>Street Address:</b>	NO. 1, EAST-WEST ROAD, 4 CHANG'AN COMMUNICATION INDUSTRIAL PARK, HIGH-TECH DISTRICT
<b>City:</b>	XI'AN,
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	71000

**PROPERTY NUMBERS Total: 13**

Property Type	Number
Application Number:	15123761
Application Number:	15514423
Application Number:	14781361
Application Number:	15109289
Application Number:	15305426
Application Number:	15104618
Application Number:	14908457
Application Number:	14769636
Application Number:	15501529
Application Number:	15522517
Application Number:	14908430
Application Number:	15504472
Application Number:	15523454

**CORRESPONDENCE DATA**

**Fax Number:** (703)739-2815

*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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**PATENT**

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**NAME OF SUBMITTER:** HEIDI WHITTINGHAM

**SIGNATURE:** /IPR/NW/Kangxin/2018+\_022/AG/13PT/

**DATE SIGNED:** 10/26/2018

**Total Attachments: 1**  
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**ASSIGNMENT**

WHEREAS, ZTE Corporation a corporation organized and existing under the laws of China, having its principle place of business at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057, P.R. China, is the owner of the entire right, title and interest in the following U.S. patent applications:

15/123,761	15/514,423
14/781,361	15/109,289
15/305,426	15/104,618
14/908,457	14/769,636
15/501,529	15/522,517
14/908,430	15/504,472
15/523,454	

WHEREAS, XI'AN ZHONGXING NEW SOFTWARE CO.LTD. a corporation organized and existing under the laws of China, having a place of business at NO. 1, EAST-WEST ROAD 4 CHANG'AN COMMUNICATION INDUSTRIAL PARK, HIGH-TECH DISTRICT, XI'AN, 71000 CHINA is desirous of acquiring the entire right, title and interest in and to the patent and the inventions described and claimed therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby assign, sell, transfer and set over unto Assignee all of its right, title and interest in and to the patents and the inventions described and claimed therein, and any and all patents therefore in any and all counties, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of patents.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized officer this 23th day of October, 2018.

ZTE Corporation  
By Qi, Lina  
Name: Qi, lina  
Title: IP manager