507318075 06/03/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7364999

		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name Execution Da			
JINGUO ZHU		05/23/2022			
ZHIJUN LI		05/24/2022			
XINGYUE ZHOU		05/24/2022			
TRICCI SO		05/25/2022			
RECEIVING PARTY DA	ТА				
Name:	ZTE CORPORATION				
Street Address:	ZTE PLAZA, KEJI ROAD SOUTH				
Internal Address:	HI-TECH INDUSTRIAL PARK, NANSHAN				
City:	SHENZHEN, GUANGDONG				
State/Country:	CHINA				
Postal Code:	518057				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
		Number 17831979			
Property Type Application Number: CORRESPONDENCE D					
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	ATA e sent to provided	17831979 The e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone:	ATA e sent to provideo	17831979 D the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email:	ATA e sent to provideo	17831979 <i>The e-mail address first; if that is unsuccessful, it will be sent</i> <i>d; if that is unsuccessful, it will be sent via US Mail.</i> 206-359-8000 patentprocurement@perkinscoie.com			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to provideo	17831979 D the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	17831979 D the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000 patentprocurement@perkinscoie.com PERKINS COIE LLP - SDO GENERAL			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	17831979 D the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000 patentprocurement@perkinscoie.com PERKINS COIE LLP - SDO GENERAL PO BOX 1247 SEATTLE, WASHINGTON 98111-1247			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	17831979 D the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000 patentprocurement@perkinscoie.com PERKINS COIE LLP - SDO GENERAL PO BOX 1247 SEATTLE, WASHINGTON 98111-1247			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	17831979 b the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000 patentprocurement@perkinscoie.com PERKINS COIE LLP - SDO GENERAL PO BOX 1247 SEATTLE, WASHINGTON 98111-1247 125096-8260.US01			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	17831979 b the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent via US Mail. 206-359-8000 patentprocurement@perkinscoie.com PERKINS COIE LLP - SDO GENERAL PO BOX 1247 SEATTLE, WASHINGTON 98111-1247 125096-8260.US01 GREG GERARDI			

source=2022-06-03_Combined_Declaration_and_Assignment_signed_125096-8260US01#page2.tif source=2022-06-03_Combined_Declaration_and_Assignment_signed_125096-8260US01#page3.tif source=2022-06-03_Combined_Declaration_and_Assignment_signed_125096-8260US01#page4.tif source=2022-06-03_Combined_Declaration_and_Assignment_signed_125096-8260US01#page5.tif source=2022-06-03_Combined_Declaration_and_Assignment_signed_125096-8260US01#page6.tif

Docket No. 125096-8260 US01 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): ZTE Corporation

Inventor(s): Jinguo ZHU et al.

Application No.: Unassigned

Confirmation No.: Unassigned

Filing Date: Filed Herewith

Title: SESSION MANAGEMENT FUNCTION REGISTRATION AND DEREGISTRATION

Commissioner for Patents P.O. Box 1450 Alexandría, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR UNDER RULE 37 C.F.R. § 1.63

This declaration and assignment is made by

Jinguo ZHU, Zhijun LI, Xingyue ZHOU, and Tricci SO.

I believe I am the original inventor or an original joint inventor of a claimed invention in a patent application attached hereto and:

identified as Attorney Docket No. 125096-8260.US01, and which claims the benefit of priority of PCT International Application No. PCT/CN2019/123791, filed on December 6, 2019.

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

156941912.1

PATENT REEL: 060099 FRAME: 0660 Inventor: Jinguo ZHU et al.Appl. No.: UnassignedFiled: Filed HerewithPage: 2 of 4

ASSIGNMENT

I hereby assign to ZTE Corporation, a corporation of P.R. China, having a place of business at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen, Guangdong 518057, P.R. China, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled SESSION MANAGEMENT FUNCTION REGISTRATION AND DEREGISTRATION, filed on June 3, 2022 and assigned U.S. Application Number <u>17/831,979</u> and which claims the benefit of priority of PCT International Application No. PCT/CN2019/123791, filed on December 6, 2019. I authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

156941912.1

PATENT REEL: 060099 FRAME: 0661 Inventor : Jinguo ZHU et al. Appl. No. : Unassigned Filed : Filed Herewith Page : 3 of 4

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor:	Jinguo ZHU		
Inventor's signature:	Jinguo	ZHU	
Date:	May 23,	2022	

Full name of inventor: Zhijun LI

Inventor's signature:_____

Date:____

Full name of inventor: Xingyue ZHOU

Inventor's signature:

Date:_____

156941912.1

Inventor : Jinguo ZHU et al. Appl. No. : Unassigned Filed : Filed Herewith Page : 3 of 4

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Inventor's signature: Date: Full name of inventor: Zhijun LI Inventor's signature: Date: Date: Date: Evillence: A figure 7000 L	Full name of inventor:	Jinguo ZHU
Full name of inventor: Zhijun LI Inventor's signature: Zhijum L Date: 2022-95-24	Inventor's signature:	
	Date:	
	Full name of inventor:	Zhijun LI
	Inventor's signature:	Zhyfun Zi
	Date:	222-01-26
Evil anno af inventor Vincera 7000		
run name of inventor. Angyue 2n00	Full name of inventor:	Xingyue ZHOU
Inventor's signature:		
Date:		

156941912.1



Inventor : Jinguo ZHU et al. Appl. No. : Unassigned Filed : Filed Herewith Page : 3 of 4

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Jinguo ZHU
Inventor's signature:
Date:
Full name of inventor: Zhijun LI
Inventor's signature:
Date:
Full name of inventor: Xingyue ZHOU
Inventor's signature: Xmgyue ZHOU

156941912.1

Date: 24 May 2022

Docket No. 125096-8260 US01

Full name of inventor: Tricci SO

Date: May 25, 2022

Perkins <u>Coje</u> LLP P.O. Box 1247 Seattle, Washington 98111-1247 Telephone: (858) 720-5700 Facsimile: (206) 359-7198