### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6625254

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
XING LIU	03/01/2021
PENG HAO	02/26/2021
KAI XIAO	03/01/2021
XIANGHUI HAN	03/01/2021

### **RECEIVING PARTY DATA**

Name:	ZTE CORPORATION	
Street Address:	Street Address: ZTE PLAZA, KEJI ROAD SOUTH	
Internal Address:	Internal Address: HI-TECH INDUSTRIAL PARK, NANSHAN	
City:	SHENZHEN, GUANGDONG	
State/Country:	CHINA	
Postal Code:	518057	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17214219

### **CORRESPONDENCE DATA**

**Fax Number:** (617)342-4001

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.

**Phone:** 6173424000

**Email:** jadavis@foley.com, ipdocketing@foley.com

Correspondent Name: MENG H. PUA

Address Line 1: FOLEY & LARDNER LLP

Address Line 2: 111 HUNTINGTON AVENUE, SUITE 2500

Address Line 4: BOSTON, MASSACHUSETTS 02199

ATTORNEY DOCKET NUMBER:	121964-0364 (ZTE-066US)
NAME OF SUBMITTER:	JENNIFER A. DAVIS
SIGNATURE:	/Jennifer A. Davis/
DATE SIGNED:	03/26/2021

**Total Attachments: 6** 

PATENT REEL: 055737 FRAME: 0176

506578473



PATENT REEL: 055737 FRAME: 0177

#### ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

ZTE CORPORATION ZTE Plaza, Keji Road South Hi-Tech Industrial Park Nanshan, Shenzhen Guangdong 518057 China

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

# SYSTEMS AND METHODS FOR DETERMINING INFORMATION INDICATIVE OF CANCELATION

check one	[ ] executed concurrently herewith,	
	[ ] executed on	,
	[ X ] Serial No. PCT/CN2019/130269	Filed 12/31/2019

as set forth in the International Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 6

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME	AND SIGNATURE OF INVE	NTOR		
Name:	XING LIU	SIGNATURE	XING LIV	
		DATE	2071-13-01	
NAME	AND SIGNATURE OF WITT	<u>VESSES</u>		
Name:	KAI XIAO	SIGNATURE	KAI XIAO	
		DATE	2021-03-01	
Name:	JING SHI	SIGNATURE	JING SHI	
		DATE	3 3 3	

NAME	AND SIGNATURE OF IN	<u>VENTOR</u>	77-11110
Name:	PENG HAO	SIGNATURE	PENG HAD
		DATE	XD21-7-26
		~	
NAME	AND SIGNATURE OF W	<u>ITNESSES</u>	
Name:	WEIMIN LI	SIGNATURE	WEIMIN LI
		DATE	2021-2-26
Name:	JIN XU	SIGNATURE	Tin XIV
		DATE	2021-2-26

NAME AND SIGNATURE OF INVENTOR

Name: KAI XIAO SIGNATURE KAI XIAC

DATE 3021-03-01

NAME AND SIGNATURE OF WITNESSES

Name: XING LIU SIGNATURE XING LIV

DATE 2031-03-01

Name: JING SHI SIGNATURE Trick Cut

ne: JING SHI SIGNATURE JING SHI

DATE 201-03-01

## NAME AND SIGNATURE OF INVENTOR

Name: XIANGHUI HAN SIGNATURE XIAW6-HUL HAN

DATE 2021, 3.1

NAME AND SIGNATURE OF WITNESSES

Name: WEI GOU SIGNATURE WZI GOU

DATE 202/-3-1

Name: JING SHI SIGNATURE JING SHI

DATE 201-03-01

Page 6 of 6

PATENT REEL: 055737 FRAME: 0183