06/21/2019 505537222

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5584019

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI ZHANG	06/12/2019
FAN WANG	06/12/2019
MINCHAO LIANG	06/12/2019
JINQING YU	06/12/2019
HE ZHANG	06/12/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16472251

CORRESPONDENCE DATA

Fax Number: (216)348-5474

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: 216-348-5400

ipmailbox@mcdonaldhopkins.com Email:

MCDONALD HOPKINS LLC **Correspondent Name:** Address Line 1: 600 SUPERIOR AVENUE, EAST

Address Line 2: **SUITE 2100**

Address Line 4: CLEVELAND, OHIO 44114-2653

ATTORNEY DOCKET NUMBER:	37399-00206
NAME OF SUBMITTER:	DAVID B. CUPAR
SIGNATURE:	/David B. Cupar/
DATE SIGNED:	06/21/2019

Total Attachments: 5 source=8174473#page1.tif source=8174473#page2.tif source=8174473#page3.tif source=8174473#page4.tif source=8174473#page5.tif

转让证明	
	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2017/117715
国际申请日: International filing date:	2017-12-21
鉴于壹國人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
公开的本发明创造, 以及要求此	国际申请有关权利的任何接续申请或分案申请,以及要求此
国际申请优先权的任何外国申请	的所有权益转让给
In consideration of One Chinese RI	MB and other good and sufficient consideration, I hereby assign
my interest in the above-identified	international patent application and the invention disclosed
therein, and any continuation or div	visional application claiming the benefit therefrom, and any
foreign patent application claiming	priority therefrom,
toZTE 0	CORPORATION
其位于	
having an address at ZTE Plaza,	Keji Road South, Hi-Tech Industrial Park, Nanshan District
Shenzhen, Guangdong 518057, Chi	ina
本人授权代理人在得知本案国际	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the in above when they are known.	ternational application number and international filing date
发明人签字 Inventor's signature Z	HANG, Wei
发明人全名 Printed inventor's Name Z	HANG, Wei
日期 Date signed JUNE 12,2	019

	转让证明
	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2017/117715
国际申请日: International filing date:	2017-12-21
鉴于壹圆人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
公开的本发明创造, 以及要求此	国际申请有关权利的任何接续申请或分案申请,以及要求此
国际申请优先权的任何外国申请	的所有权益转让给
In consideration of One Chinese RM	AB and other good and sufficient consideration, I hereby assign
my interest in the above-identified i	nternational patent application and the invention disclosed
•	isional application claiming the benefit therefrom, and any
foreign patent application claiming	
loreign patent application claiming	priority incicioni,
to ZTE (CORPORATION
其位于	
having an address at ZTE Plaza,	Keji Road South, Hi-Tech Industrial Park, Nanshan District
Shenzhen, Guangdong 518057, Chi	na
本人授权代理人在得知本案国际	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the in above when they are known.	ternational application number and international filing date
发明人签字 WANG、 Inventor's signature	FAN
发明人全名 Printed inventor's Name W	'ANG, Fan
日期 Date signed June 12. 20,	g

	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2017/117715
国际申请日: International filing date:	2017-12-21
鉴于壹圆人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
公开的本发明创造, 以及要求此	国际申请有关权利的任何接续申请或分案申请,以及要求此
国际申请优先权的任何外国申请	的所有权益转让给
In consideration of One Chinese RM	MB and other good and sufficient consideration, I hereby assign
my interest in the above-identified	international patent application and the invention disclosed
therein, and any continuation or div	risional application claiming the benefit therefrom, and any
foreign patent application claiming	priority therefrom,
toZTE 0	CORPORATION
其位于	
having an address at ZTE Plaza,	Keji Road South, Hi-Tech Industrial Park, Nanshan District
Shenzhen, Guangdong 518057, Chi	na
本人授权代理人在得知本案国际	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the in above when they are known.	ternational application number and international filing date
发明人签字 Inventor's signature	ZANG, Minchae
发明人全名 Printed inventor's Name L	IANG, Minchao
日期 Date signed	une 12.2019

转让证明	
	ASSIGNMENT
代理人档案号(限12个字符内): Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2017/117715
国际申请日: International filing date:	2017-12-21
鉴于壹圆人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
公开的本发明创造,以及要求此)	国际申请有关权利的任何接续申请或分案申请,以及要求此
国际申请优先权的任何外国申请的	的所有权益转让给
In consideration of One Chinese RM	MB and other good and sufficient consideration, I hereby assign
my interest in the above-identified i	nternational patent application and the invention disclosed
therein, and any continuation or div	isional application claiming the benefit therefrom, and any
foreign patent application claiming	priority therefrom,
to ZTE C	CORPORATION
其位于	
having an address at ZTE Plaza,	Keji Road South, Hi-Tech Industrial Park, Nanshan District
Shenzhen, Guangdong 518057, Chia	na
本人授权代理人在得知本案国际。	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the int above when they are known.	ernational application number and international filing date
发明人签字 Inventor's signature YU Jinq	ing
发明人全名 Printed inventor's Name Y	U, Jinqing
日期 Date signed Twn り 12 2	2019

转让证明	
	ASSIGNMENT
代理人档案号(限12个字符内):	
Agent's file reference: (12 characters maximum)	
国际申请号: International application number:	PCT/CN2017/117715
国际申请日: International filing date:	2017-12-21
鉴于壹圆人民币以及其他有益且	充分的考虑,本人特此将上述国际申请和在此国际申请中所
公开的本发明创造, 以及要求此	国际申请有关权利的任何接续申请或分案申请,以及要求此
国际申请优先权的任何外国申请的所有权益转让给	
In consideration of One Chinese RN	MB and other good and sufficient consideration, I hereby assign
my interest in the above-identified i	international patent application and the invention disclosed
•	• • • • • • • • • • • • • • • • • • • •
therein, and any continuation or div	risional application claiming the benefit therefrom, and any
foreign patent application claiming	priority therefrom,
toZTE C	CORPORATION
其位于	
having an address at ZTE Plaza,	Keji Road South, Hi-Tech Industrial Park, Nanshan District
Shenzhen, Guangdong 518057, Chi	
, , , , , , , , , , , , , , , , , , , ,	
本人授权代理人在得知本案国际	申请号及国际申请日后将其填入上方。
I authorize the agent to insert the in above when they are known.	ternational application number and international filing date
发明人签字 Inventor's signature Zl	HANG. He
发明人全名 Printed inventor's Name Z	HANG, He
日期 Date signed TIME 12, 25	>19