504134071 12/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4190357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAO SUN	12/14/2016
JINJUN WANG	12/14/2016
HUA XUE	12/14/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15319886

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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: 2483584400

Email: mkatirtzidakis@brookskushman.com

Correspondent Name: BROOKS KUSHMAN P.C.

Address Line 1: 1000 TOWN CENTER

TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	AFD0360PUSA
NAME OF SUBMITTER:	MARK E. STUENKEL
SIGNATURE:	/Mark E. Stuenkel/
DATE SIGNED:	12/19/2016

Total Attachments: 3

source=Assign_AFD0360PUSA#page1.tif source=Assign_AFD0360PUSA#page2.tif source=Assign_AFD0360PUSA#page3.tif

PATENT 504134071 REEL: 040663 FRAME: 0552

转让证明		
ASSIGNMENT		
代理人档案号(限12个字符内):		
Agent's file reference: (12 characters maximum)	AFD0360PUSA	
国际申请号: International application number:	PCT/CN2014/089489	
国际申请日: International filing date:	2014-10-24	
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 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 divisional application claiming the benefit therefrom, and any		
foreign patent application claiming priority therefrom,		
to ZTE CORPORATION		
其位于		
having an address at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen,		
Guangdong 518057 China.		
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 international application number and international filing date above when they are known.		
发明人 I 签字 Inventor's signature	1, Taro	
发明人 I 全名 Printed inventor's Name SUN, T	ao	
日期 Date signed 2016-1	2-14	

ASSIGNMENT	
the own 1 like of the the contract to the bible like	
代理人档案号(限 12 个字符内): Agent's file reference:	AFD0360PUSA
(12 characters maximum)	AFD0360PUSA
国际申请号: International application number:	PCT/CN2014/089489
国际申请日: International filing date:	2014-10-24
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 R	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,
to ZTE CORPORATION	
其位于	DOIG ON MINOT
	, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen,
Guangdong 518057 China.	, 1001 Rout Douin, 111 1001 Interview, 1 tale, 1 tale, 1 tale, 1001
Guariguong 510057 Crima.	
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 international application number and international filing date above when they are known.	
发明人II 签字 WANG, Jinjun Inventor's signature	
发明人Ⅱ全名 Printed inventor's Name WANG	G, Jinjun
日期 Data signed 2016	-12-14

转让证明 ASSIGNMENT		
代理人档案号(限12个字符内): Agent's file reference: (12 characters maximum)	AFD0360PUSA	
国际申请号: International application number:	PCT/CN2014/089489	
国际申请日: International filing date:	2014-10-24	
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 RMB 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 divisional application claiming the benefit therefrom, and any foreign patent application claiming priority therefrom,		
toZTE CORPORATION		
其位于 having an address at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen, Guangdong 518057 China.		
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 international application number and international filing date above when they are known.		
发明人Ⅲ签字 Inventor's signature X172	E. Hua	
发明人Ⅲ全名 Printed inventor's Name XUE,	Hua	
日期 Date signed 2016-	12-14	

3

PATENT REEL: 040663 FRAME: 0555