502023890 08/14/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yang GUO	07/19/2012
Xinyu ZHENG	07/19/2012
Zhong YU	07/19/2012

RECEIVING PARTY DATA

Name:	ZTE CORPORATION	
Street Address:	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District	
City:	Shenzhen City, Guangdong Province	
State/Country:	CHINA	
Postal Code:	518057	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13578206	

CORRESPONDENCE DATA

Fax Number: 6123329081 Phone: 612.332.5300

Email: cmanthie@merchantgould.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Tong Wu
Address Line 1: P.O. Box 2903
Address Line 2: Merchant & Gould P.C.

Address I in a As MININEADOLIO MININEOCTA ES

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER: 17193.1FPWO

NAME OF SUBMITTER: Tong Wu

Total Attachments: 2

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PATENT REEL: 028781 FRAME: 0320 OP \$40.00 13578206

INSTRUCTIONS U.S. ASSIGNMENT TO CORPORATION WHEREAS, Inventor(s) Name, 1. Yang GUO residing at ZTE Plaza, Keji Road South, Hi-Tech Industrial Address, Citizenship Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China and a citizen of China; 2. Xinyu ZHENG residing at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China and a citizen of China; 3. Zhong YU residing at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China and a citizen of China; (herein called "THE UNDERSIGNED") have made an invention and have Check the appropriate box and fill in the requested information: executed an application for Letters Patent of the United States entitled METHOD AND SYSTEM FOR SPATIAL RADIO-FREQUENCY select the first check box PERFORMANCE TESTING BASED ON MULTIPLE-ANTENNA SYSTEM if the application is a and which: national stage of a PCT is the national stage application of International Application No. application and provide _ filed on __ the international will be filed without this executed PATENT ASSIGNMENT. application number and THE UNDERSIGNED hereby authorizes, and requests, filing date before sending ASSIGNEE'S legal representatives, of Merchant & Gould PC, the assignment for who are associated with customer number 23552, to insert here in execution: parenthesis (U.S. Serial No. 13/578,206 , filed _ 9-Aug-2012) this application's U.S. Serial Number and filing select the second check date, when known; box if the application will was filed on ___and was given U.S. Serial No. be filed without the __; or executed assignment is filed concurrently herewith; once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation: select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or select the fourth check box if the application will be filed with the application. Name of Corporation AND WHEREAS ZTE CORPORATION (herein called "ASSIGNEE"), a corporation organized under the laws of China, and having an office and place of business at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China wishes to acquire the entire right, title and interest in and to said invention and State or Country of patent application and any Letters Patent to be obtained therefor; Incorporation and Address NOW, THEREFORE, for and in consideration of the sum of One Dollar and

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other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date Note: No legalization or other witness required

Name: Yang GUO	Signature: (ang GW	Date:
Name: Xinyu ZHENG	Signature: Xinyn ZHONL,	Date: 27-19
Name: Zhong YU	Signature: Thang Yu	Date: 2012. 7-19