

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ting LIANG</td> <td>10/19/2011</td> </tr> <tr> <td>Dengkui ZHU</td> <td>10/19/2011</td> </tr> <tr> <td>Zirong LI</td> <td>10/19/2011</td> </tr> <tr> <td>Zhaohua LU</td> <td>10/19/2011</td> </tr> <tr> <td>Yangfeng GUAN</td> <td>10/19/2011</td> </tr> <tr> <td>Ying LIU</td> <td>10/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ting LIANG	10/19/2011	Dengkui ZHU	10/19/2011	Zirong LI	10/19/2011	Zhaohua LU	10/19/2011	Yangfeng GUAN	10/19/2011	Ying LIU	10/19/2011
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Ying LIU	10/19/2011														
RECEIVING PARTY DATA															
Name:	ZTE CORPORATION														
Street Address:	ZTE Plaza, Keji Road South														
Internal Address:	Hi-Tech Industrial Park, Nanshan District														
City:	Shenzhen City, Guangdong Province														
State/Country:	CHINA														
Postal Code:	518057														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13259744</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13259744										
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Application Number:	13259744														
CORRESPONDENCE DATA															
Fax Number:	(301)251-0237														
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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Address Line 4:	Rockville, MARYLAND 20849														
ATTORNEY DOCKET NUMBER:	AFD111101986-US														

CH \$40.00 13259744

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PATENT
 REEL: 027192 FRAME: 0361

NAME OF SUBMITTER:

Ling Wu

Total Attachments: 6

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**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
LIANG, Ting	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China
ZHU, Dengkui	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China
LI, Zirong	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China
LU, Zhaohua	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China
GUAN, Yanfeng	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China
LIU, Ying	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Patent entitled:

Pilot Frequency Transmitting Method and Base Station (PCT Application No.: PCT/CN2010/072537)

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on September 23, 2011, and assigned Serial No. 13/259,744, and
- further described in U.S. Provisional application entitled _____, filed with the USPTO on _____, and assigned Serial No. _____.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only

if appropriate.

WHEREAS,

having a place of following parties:

<u>Name</u>	<u>Address</u>
ZTE CORPORATION	ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China

, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 2011.

Inventor : LIANG, Ting

LIANG, Ting (Signature)

Witness:

Signature: CHEN, CHUNYAN

Name: CHEN, CHUNYAN

Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 2011.

Inventor : ZHU, Dengkui

ZHU, Dengkui (Signature)

Witness:

Signature: CHEN, CHUNYAN

Name: CHEN, CHUNYAN

Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 2011.

Inventor : LI, Zirong
LI, Zirong (Signature)

Witness:

Signature: CHEN, CHUNYAN

Name: CHEN, CHUNYAN

Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, Guangdong Province 518057, P. R. China

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of October, 2011.

Inventor : LU, Zhaohua
LU, Zhaohua (Signature)

Witness:

Signature: CHEN, CHUNYAN

Name: CHEN, CHUNYAN

Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District,
Shenzhen City, Guangdong Province 518057, P. R. China

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of
October, 2011.

Inventor : GUAN, Yanfeng
GUAN, Yanfeng (Signature)

Witness:

Signature: CHEN, CHUNYAN
Name: CHEN, CHUNYAN

Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District,
Shenzhen City, Guangdong Province 518057, P. R. China

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of
October, 2011.

Inventor : LIU, Ying
LIU, Ying (Signature)

Witness:

Signature: CHEN, CHUNYAN
Name: CHEN, CHUNYAN

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(Patent Assignment)

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