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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ping LI	04/21/2011
Hongfeng QIN	04/21/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13259606

CORRESPONDENCE DATA

 Fax Number:
 (858)720-5125

 Phone:
 8587205136

Email: nsannicolas@mofo.com

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

Mail.

Correspondent Name: Desmond O'Sullivan
Address Line 1: 12531 High Bluff Drive

Address Line 2: Ste 100

Address Line 4: San Diego, CALIFORNIA 92130

ATTORNEY DOCKET NUMBER: 45522200900

NAME OF SUBMITTER: Desmond O'Sullivan

Total Attachments: 2

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PATENT REEL: 027471 FRAME: 0974 .40.00 132590

ASSIGNMENT WITHOUT NOTARIZATION

WHEREAS, we, <u>LI, Ping</u> and <u>OIN, Hongfeng</u> residing at <u>ZTE Plaza, Keji Road South, Hi-</u>
<u>Tech Industrial Park, Nanshan District, Shenzhen, Guangdong Province 518057, P.R.</u>
<u>China</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on 19 May 2010 (Int'1), application Serial No. 13/259,606, which is entitled <u>PILOT-BASED TIME OFFSET ESTIMATION</u>
<u>APPARATUS AND METHOD</u>.

AND WHEREAS, <u>ZTE Corporation</u>, a <u>corporation</u> organized and existing under and by virtue of the laws of <u>P.R. China</u>, and having an office and place of business at <u>ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong <u>Province 518057, P.R. China</u> (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;</u>

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other

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PATENT REEL: 027471 FRAME: 0975 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 us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant 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 made to others by us and that full right to convey the same as herein expressed is possessed by us.

LI, Ping	2011. 4.21	
Signature of Inventor #1	Date	
NAME: LI, Ping		
QIN, Hongfeng	2011.4.21	
Signature of Inventor #2	Date	

NAME: QIN, Hongfeng

PATENT REEL: 027471 FRAME: 0976

RECORDED: 01/03/2012