

## 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>Bhumip Khasnabish</td> <td>11/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Bhumip Khasnabish	11/17/2012						
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RECEIVING PARTY DATA											
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<table border="1"> <tr> <td>Name:</td> <td>ZTE (USA) Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2425 North Central Expressway, Suite 323</td> </tr> <tr> <td>City:</td> <td>Richardson</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75080</td> </tr> </table>		Name:	ZTE (USA) Inc.	Street Address:	2425 North Central Expressway, Suite 323	City:	Richardson	State/Country:	TEXAS	Postal Code:	75080
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CORRESPONDENCE DATA											
Fax Number:	3026585614										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	15747-00192-US										

OP \$40.00 13641837

NAME OF SUBMITTER:

Zhun Lu

Total Attachments: 3

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## ASSIGNMENT BY INVENTOR

**THIS ASSIGNMENT**, made by Bhumip Khasnabish (hereinafter referred to as Assignor), residing at 18 Patterson Road, Lexington, Massachusetts 02421;

**WHEREAS**, Assignor has invented certain new and useful improvements in METHOD AND SYSTEM FOR HIERARCHICAL TRACKING OF CONTENT AND CACHE FOR NETWORKING AND DISTRIBUTION TO WIRED AND MOBILE DEVICES, set forth in a Patent application for which an International Application was filed on May 7, 2010, PCT/US2010/034011, designating the United States; and

**WHEREAS**, ZTE Corporation and ZTE (USA) INC., both corporations, respectively organized under and pursuant to the laws of China and United States of America, respectively having their principal places of business at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan Distret, Guangdong, Shenzhen 518057, PEOPLE'S REPUBLIC OF CHINA; and 2425 N. Central Expressway, Suite 323, Richardson, Texas 75080, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignees, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 23416

AND Assignor acknowledges an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: 17 NOV. 2012

Signature: Bhumip Khasnabish  
Bhumip Khasnabish