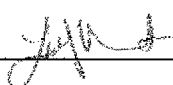


<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		Attorney Docket No.: <u>9355P008</u>
To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
<b>1. Name of conveying party(ies):</b> <u>Xueming PAN; Zukang SHEN; and Guojun XIAO</u>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b> Name: <u>China Academy of Telecommunications Technology</u> Internal Address: _____  Street Address: <u>NO.40 Xueyuan Rd., Haidian District</u>  City: <u>Beijing</u>  State: _____  Country: <u>P.R. CHINA</u> Zip: <u>100191</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>12/05/11; 12/07/11; and 12/10/11</u>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           A. Patent Application No.(s)  <u>13/499,262</u> </div> <div style="width: 45%;">           B. Patent No.(s)         </div> </div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> City: <u>Sunnyvale</u>  State: <u>California</u> Zip Code: <u>94085</u> Phone Number: <u>408-720-8300</u> Fax Number: <u>408-720-8383</u> Email Address: <u>mail@bstz.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total Fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>8. Payment Information</b>  Deposit Account Number <u>02-2666</u> Authorized User Name <u>Lester J. Vincent</u>		
<b>9. Signature:</b> <u></u> Signature <u>April 25, 2012</u> Date  <u>Lester J. Vincent, Reg. No. 31,460</u> Name of Person Signing <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>Total number of pages including cover sheet, attachments, and documents:</div> <div style="border: 1px solid black; padding: 2px 10px;">3</div> </div>		

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

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(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

as set forth in this United States Patent Application

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☒ executed concurrently herewith  
☐ executed on  
☐ Serial No. \_\_\_\_\_ which is the U.S. National Stage of PCT  
International Application Number PCT/CN2010/077140, filed September 20,  
2010  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and

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countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

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do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

**1. NAME AND SIGNATURE OF INVENTOR**

NAME: PAN, Xueming

SIGNATURE: PAN XuemingDATE: 2011.12.5**NAME AND SIGNATURE OF WITNESSES**NAME: LI RanSIGNATURE: Li RanDATE: Dec. 5, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 2011**2. NAME AND SIGNATURE OF INVENTOR**

NAME: SHEN, Zukang

SIGNATURE: Shen ZukangDATE: 2011.12.7**NAME AND SIGNATURE OF WITNESSES**NAME: LI RanSIGNATURE: Li RanDATE: Dec. 7, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 7, 2011**3. NAME AND SIGNATURE OF INVENTOR**

NAME: XIAO, Guojun

SIGNATURE: Xiao GuojunDATE: 2011.12.10**NAME AND SIGNATURE OF WITNESSES**NAME: LI RanSIGNATURE: Li RanDATE: Dec. 10, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 10, 2011**PATENT****RECORDED: 04/25/2012****REEL: 028127 FRAME: 0516**