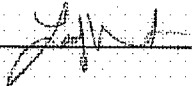


RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket No.: <u>9355P001</u>
To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies): Yanan LIN; Xiaodong YANG; Xueming PAN; and Guojun XIAO Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): 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? ☐ Yes ☒ No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>12/29/11; 12/19/11; 12/19/11; and 12/30/11</u> ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other _____	4. Application or patent number(s): ☐ This document is being filed together with a new application. A. Patent Application No.(s) <u>13/387,719</u> B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>BLAKELY, SOKOLOFF, TAYLOR & 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>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> ☒ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)	
8. Payment Information Deposit Account Number <u>02-2666</u> Authorized User Name <u>Lester J. Vincent</u>		
9. Signature: <u></u> Signature <u>Lester J. Vincent, Reg. No. 31,46</u> Name of Person Signing Date: <u>January 30, 2012</u> Total number of pages including cover sheet, attachments, and documents: 4		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, Virginia 22313-1450

YDT09408-US/US1112090FP

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

China Academy of Telecommunications Technology
NO.40 Xueyuan Rd., Haidian District, Beijing, 100191, P.R.China

(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

Check
one

- ☒ executed concurrently herewith
☐ executed on
☐ Serial No. _____

which is the U.S. National Stage of PCT
International Application Number PCT/CN2010/001144, filed July 28, 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 countries foreign thereto.

YDT09408-US/US1112090FP

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.

ASSIGNOR HEREBY GRANTS to the law firm of _____ the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of _____

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: LIN, Yanan

SIGNATURE: Lin YananDATE: 2011.12.29**NAME AND SIGNATURE OF WITNESSES**NAME: Li RanSIGNATURE: Li RanDATE: Dec 29, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 29, 2011**2. NAME AND SIGNATURE OF INVENTOR**

NAME: YANG, Xiaodong

SIGNATURE: Yang, XiaodongDATE: 2011.12.19**NAME AND SIGNATURE OF WITNESSES**NAME: Li RanSIGNATURE: Li RanDATE: Dec 19, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 19, 2011**3. NAME AND SIGNATURE OF INVENTOR**

NAME: PAN, Xueming

SIGNATURE: PAN XuemingDATE: 2011.12.19**NAME AND SIGNATURE OF WITNESSES**NAME: Li RanSIGNATURE: Li RanDATE: Dec 19, 2011NAME: WANG HuiSIGNATURE: WANG HuiDATE: December 19, 2011**PATENT****REEL: 027624 FRAME: 0072**

YDT09408-US/US1112090FP

4. NAME AND SIGNATURE OF INVENTOR

NAME: XIAO, Guojun

SIGNATURE:

Xiao Guojun

DATE:

01/12/30**NAME AND SIGNATURE OF WITNESSES**NAME: LI Ran

SIGNATURE:

Li Ran

DATE:

Dec 30 2011NAME: WANG Hui

SIGNATURE:

WANG Hui

DATE:

December 30, 2011

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

PATENT

RECORDED: 01/30/2012

REEL: 027624 FRAME: 0073