

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5864608

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZIYONG ZHENG	12/05/2019
BO YANG	12/05/2019
WENXIANG GUAN	12/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMBA TELECOM SYSTEMS (CHINA) LIMITED
<b>Street Address:</b>	NO.10 SHENZHOU ROAD, SCIENCE CITY
<b>City:</b>	GUANGZHOU, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	510663
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16621967
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)645-7707
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	404-645-7700
<b>Email:</b>	ksvenson@mcciplaw.com
<b>Correspondent Name:</b>	MEUNIER CARLIN & CURFMAN LLC
<b>Address Line 1:</b>	999 PEACHTREE ST. NE
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	11189-003US1
<b>NAME OF SUBMITTER:</b>	KIRSTEN L. SVENSON
<b>SIGNATURE:</b>	/Kirsten L. Svenson/
<b>DATE SIGNED:</b>	12/12/2019
<b>Total Attachments: 2</b>	
source=11189-003US1 Asm#page1.tif	
source=11189-003US1 Asm#page2.tif	

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, the below named individual, hereinafter referred to as "ASSIGNOR," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: VOICE OVER LONG-TERM EVOLUTION  
(VOLTE) DATA GUARANTEE METHOD AND  
DEVICE

Filing Date: December 12, 2019

Application No.: 16/621,967

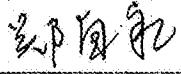
WHEREAS, Comba Telecom Systems (China) Limited, a corporation of China having a principal place of business at No. 10 Shenzhou Road, Science City, Guangzhou, Guangdong 510663, China, hereinafter referred to as "ASSIGNEE," is desirous of acquiring Assignor's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignee's successors and assigns, all right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.


Assignor further agrees that he or she will, without charge to Assignees, but at Assignee's expense, cooperate with Assignees in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignees, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

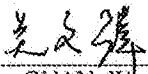
2019-12-5  
Date: \_\_\_\_\_

  
Name: ZHENG, Ziyong

2019-12-5  
Date: \_\_\_\_\_

  
Name: YANG, Bo

2019-12-5  
Date: \_\_\_\_\_

  
Name: GUAN, Wenxiang