

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
SHANGHAI TUILUO COMMUNICATION TECHNOLOGY PARTNERSHIP (LIMITED PARTNERSHIP)		07/26/2021
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SHANGHAI LANGBO COMMUNICATION TECHNOLOGY COMPANY LIMITED	
<b>Street Address:</b>	ROOM A2117, BUILDING B, NO.555, DONGCHUAN ROAD	
<b>Internal Address:</b>	MINHANG DISTRICT	
<b>City:</b>	SHANGHAI	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	200240	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15857594	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
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<b>ATTORNEY DOCKET NUMBER:</b>	20160003-PCT-US	
<b>NAME OF SUBMITTER:</b>	XIAOBO ZHANG	
<b>SIGNATURE:</b>	/XIAOBO ZHANG/	
<b>DATE SIGNED:</b>	07/28/2021	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT

WHEREAS, SHANGHAI TUILUO COMMUNICATION TECHNOLOGY PARTNERSHIP (LIMITED PARTNERSHIP) (hereinafter referred to as "ASSIGNOR") having a place of business at Room 2272-A, Building 2, No.1077 Zuchongzhi Road, Pudong District Shanghai China 201203, is the sole and exclusive owner of Patent Applicants and Issued Patents List in Schedule A;

WHEREAS, SHANGHAI LANGBO COMMUNICATION TECHNOLOGY COMPANY LIMITED (hereinafter referred to as "ASSIGNEE") having a place of business at Room A2117, Building B, No.555, Dongchuan Road, Minhang District, Shanghai, China 200240, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.

If the above-referenced United States application is a provisional application, ASSIGNOR hereby assigns to the ASSIGNEE the entire right, title and interest in all applications in the United States claiming the benefit of said provisional application and in all Letters Patents issuing on any such patent applications.

ASSIGNOR hereby assigns to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

ASSIGNOR

SHANGHAI TUILUO COMMUNICATION TECHNOLOGY PARTNERSHIP  
(LIMITED PARTNERSHIP)

Date: July 26, 2021

Signature: Zheng LIU

Name Zheng LIU

Title CEO

ASSIGNEE

SHANGHAI LANGBO COMMUNICATION TECHNOLOGY COMPANY LIMITED

Date: July 26, 2021

Signature: Lin Yang

Name Lin YANG

Title CEO

SCHEDULE A

STATE	APPL_D ATE	APPL_NO	PUB_DATE	PUB_NO	ISSUE_ DATE	ISSUE_ NO.	TITLE
US	December 28,2017	15/857594	January 3,2019	US2019000795 8A1	January 7,2020	US 10531480 B2	METHOD AND DEVICE FOR NARROW BAND COMMUNICATI ON IN UE AND BASE STATION