505292739 01/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5339516

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			

CONVEYING PARTY DATA

Name	Execution Date
Can DING	12/29/2018
Yingjie GUO	01/05/2019
Peiyuan QIN	12/15/2018
Zhonglin WU	01/05/2019

RECEIVING PARTY DATA

Name: Tongyu Communication Inc.		
Street Address:	No. 3, Jintong St.	
Internal Address:	State-Level Torch Hi-Tech Industrial Development Zone	
City:	Zhongshan City, Guangdong	
State/Country:	China	
Postal Code:	528437	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16072306

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400
Email: email@oliff.com
Correspondent Name: GANG LUO
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	182292
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	01/23/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 048118 FRAME: 0061

Total Attachments: 2

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PATENT REEL: 048118 FRAME: 0062

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Can DING	(2)	Yingjie GUO	
(1-8)	Legal Name(s)	(3)	Peiyuan QIN	(4	4)	Zhonglin WU	
	of Inventor(s)	(5)		((s)		
		(7)		(8	3)		
		In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	TONGYU COMMUNICATION INC.				
(10) Insert Address of Assignee (10) No. 3, Jintong St., State-Level To Guangdong 528437, CHINA					el Torch Hi-Tech Industrial Development Zone, Zhongshan City,		
		(horeinafter designated as the Assignce) and Assignce's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11) Insert Identification such as Title, Case		(11) DUAL-BAND RADIATION SYSTEM AND ANTENNA ARRAY THEREOF					
	Number, or Foreign Application Number	(Attor	ncy Docket No. 182292), f	iled on even date herewith or as	
(12)	Alternative Identification for	(12)	U.S. Application Number	16/072,306			
	filed applications	filed	July 24, 2018				

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Fach undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assigner and Assigner's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 048118 FRAME: 0063 In winners whereast, executed by the anduralgued on the dutets) opposite the undersigned mane(s),

Dete		Investor Signstor	Can Diold	
Bate	<u>~~19.1.5</u>	Inventor Signature	1	(SEAS)
Date	20/8-12-15	Inventor Signature		(šeal)
Osic	2019.1.5	Inventor Signature	Zhou Sh, Wi	(SEAC.)
Date.		insenser Signature		(SEAL)
Bate		Inventor Signature		(SEAL)
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Date		Inventor Signature		(SEAL)
wither,	This assignment should proferably be signed then it should be signed before at least two wi	briore: (a) a bosary Pe sesses who siso sign b	iblic if within the C.S.A. (b) a U.S. Concert if consider the cover	V.S.A. If
daic:		Witness		************
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RECORDED: 01/23/2019