## 507665716 12/26/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7712856

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEY	ANCE:	ASSIGNMENT			
CONVEYING PARTY	DATA				
		Name	Execution Date		
HEPING ZENG			12/26/2022		
JIJUN FENG			12/26/2022		
MENGYUN HU			12/26/2022		
XIAOJUN LI			12/26/2022		
QINGGUI TAN			12/26/2022		
JINMAN GE			12/26/2022		
Street Address:					
RECEIVING PARTY D Name:		GQING INSTITUTE OF EAST C	HINA NORMAL UNIVERSITY		
Internal Address:		A305, 3RD FLOOR, BUILDING 1, NO. 2, HUIZHU ROAD, YUBEI DISTRICT (INTERNET INDUSTRY PARK PHASE 2)			
City:	CHONG		,		
State/Country:	CHINA				
Name:	SHANG	GHAI LANGYAN OPTOELECTR	ONICS TECHNOLOGY CO., LTD.		
Street Address:	ROOM	4001, BUILDING 21, NO.123, L	ANE 1165,		
Internal Address:	JINDU I	ROAD, MINHANG DISTRICT			
City:	SHANG	3HAI			
State/Country:	CHINA				
Name:	EAST C	CHINA NORMAL UNIVERSITY			
Hamo					
Street Address:	NO. 500	0 DONGCHUAN ROAD, MINHA	NG DISTRICT		
	NO. 500 SHANG	,	NG DISTRICT		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number				
Application Number:	17337969				

## CORRESPONDENCE DATA

Fax Number:

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: 6175801293

Email:	mail: giangianwu2016@gmail.com				
Correspondent Name:	QIANQIAN WU				
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Address Line 4:	ABINGTON, MASSACHUSETTS 02351				
ATTORNEY DOCKET NUMBER	: W:	21-HX-HDSF-US-0062			
NAME OF SUBMITTER: QIANQIAN WU					
SIGNATURE: /Qianqian WU/					
DATE SIGNED: 12/26/2022					
Total Attachments: 6					
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Attorney Docket Number	W21-HX-HDSF-US-0062
Title of Invention	SILICON NITRIDE PHASED ARRAY CHIP BASED ON A SUSPENDED WAVEGUIDE STRUCTURE
invention in WHEREAS having a po- (referred to NO' ASSIGNOF said invent division, co- supplement ASSIGNOF prosecution additional d further cons communica ASSIGNOF be required encompass heirs, execu- ASS referred to a use and be which such and sale no	<ul> <li>I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.</li> <li>Ist Assignee: Chongqing Institute of East China Normal University</li> <li>2nd Assignee: SHANGHAI LANGYAN OPTOELECTRONICS TECHNOLOGY CO., LTD.</li> <li>3rd Assignee: East China Normal University</li> <li>stal address of 1st Assignee Address: A305, 3rd Floor, Building 1, No. 2, Huizhu Road, Yubei District, Chongqing (Interfet Industry Park Phase 2), China</li> <li>2nd Assignee Address: Noo. 500 Dongchuan Road, Minhang District, Shanghai 201108, China</li> <li>3rd Assignee Address: Noo. 500 Dongchuan Road, Minhang District, Shanghai 201241, China</li> <li>as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;</li> <li>AV, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, is by these presents does sell, assign and transfer unto ASSIGNEE the entire right, title, and interest in and to the same in the United States;</li> <li>AV, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, is by these presents does sell, assign and transfer unto ASSIGNEE the entire right, title, and interest in and to ino and application throughout the United States of America, including any and all patents granted on any triunation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or al examination thereof.</li> <li>SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent application in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNCE is ASSIGNEE's sepses, to identify and the tot ASSIGNEE's the apage and the ASSIGNEE's sole ASSIGNEE's so</li></ul>
LEGAL N	AME OF ASSIGNOR
Assignor:	ZENG, Heping05/12/2021
Signature	/ZENG, Heping/

ASSIGNMENT	RV	INVENTOR(S)	OF ILS	PATENT	<b>APPLICATION</b>
			0.5.		

	/
Attorney Docket Number	W21-HX-HDSF-US-0062
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WHEREAS	3rd Assignee:East China Normal University
having a po	stal address of 1st Assignee Address:A305, 3rd Floor, Building 1, No. 2, Huizhu Road, Yubei District, Chongqing (Internet Industry Park Phase 2),China 2nd Assignee Address:Room 4001, Building 21, No.123, Lane 1165, Jindu Road, Minhang District, Shanghai 201108,China
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	SIGNOR authorizes Practitioners associated with the Customer Number 177,089 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGNOR
Assignor:	FENG,Jijun 05/12/2021
Signature	/FENG,Jijun/

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LEGAL N	AME OF ASSIGNOR
Assignor:	HU,Mengyun05/12/2021
Signature:	/HU,Mengyun/

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LEGAL N	AME OF ASSIGNOR
Assignor:	LI,Xiaojun 05/12/2021
Signature	/LI,Xiaojun/

ASSIGNMENT	RV	n(s)		DATENT		
ASSIGNMENT	DI	(3) 0	JE 0.3.	FAICNI	AFFLI	JAHON

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LEGAL NAME OF ASSIGNOR					
Assignor:	TAN,Qinggui05/12/2021				
Signature: /TAN,Qinggui/					

ASSIGNMENT	RV	INVENTOR(	S) OF	115	PΔTFNT	ΔΡΡΙ	ΙCΑΤΙΟ	N
			<b>J</b> , <b>U</b>	0.5.				

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Assignor:	GE,Jinman05/12/2021				
Signature: /GE,Jinman/					