

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7712856

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	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

RECEIVING PARTY DATA

Name:	CHONGQING INSTITUTE OF EAST CHINA NORMAL UNIVERSITY
Street Address:	A305, 3RD FLOOR, BUILDING 1, NO. 2, HUIZHU ROAD,
Internal Address:	YUBEI DISTRICT (INTERNET INDUSTRY PARK PHASE 2)
City:	CHONGQING
State/Country:	CHINA
Name:	SHANGHAI LANGYAN OPTOELECTRONICS TECHNOLOGY CO., LTD.
Street Address:	ROOM 4001, BUILDING 21, NO.123, LANE 1165,
Internal Address:	JINDU ROAD, MINHANG DISTRICT
City:	SHANGHAI
State/Country:	CHINA
Name:	EAST CHINA NORMAL UNIVERSITY
Street Address:	NO. 500 DONGCHUAN ROAD, MINHANG DISTRICT
City:	SHANGHAI
State/Country:	CHINA

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.

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ATTORNEY DOCKET NUMBER:	W21-HX-HDSF-US-0062
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NAME OF SUBMITTER:	QIANQIAN WU
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SIGNATURE:	/Qianqian WU/
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DATE SIGNED:	12/26/2022
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Total Attachments: 6

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ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	W21-HX-HDSF-US-0062
Title of Invention	SILICON NITRIDE PHASED ARRAY CHIP BASED ON A SUSPENDED WAVEGUIDE STRUCTURE
<p>WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.</p> <p>WHEREAS, 1st Assignee:Chongqing Institute of East China Normal University 2nd Assignee:SHANGHAI LANGYAN OPTOELECTRONICS TECHNOLOGY CO., LTD. 3rd Assignee:East China Normal University having a postal 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 3rd Assignee Address:No. 500 Dongchuan Road, Minhang District, Shanghai 200241,China (referred to as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.</p> <p>ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.</p> <p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p> <p>ASSIGNOR authorizes Practitioners associated with the Customer Number 177,089 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.</p>	
LEGAL NAME OF ASSIGNOR	
Assignor: <u>ZENG, Heping</u> Date: <u>05/12/2021</u>	
Signature: <u>/ZENG, Heping/</u>	

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 3rd Assignee: East China Normal University

having a postal address of

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LEGAL NAME OF ASSIGNOR

Assignor: FENG, Jijun Date: 05/12/2021

Signature: /FENG, Jijun/

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LEGAL NAME OF ASSIGNOR

Assignor: LI, Xiaojun Date: 05/12/2021

Signature: /LI, Xiaojun/

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LEGAL NAME OF ASSIGNOR

Assignor: TAN, Qinggui Date: 05/12/2021

Signature: /TAN, Qinggui/

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Assignor: <u>GE,Jinman</u> Date: <u>05/12/2021</u>	
Signature: <u>/GE,Jinman/</u>	