507034148 12/17/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7080985

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIANJUN YAN	10/19/2021
ZHAOZHANG ZHENG	10/19/2021
LINGLI MA	10/19/2021

RECEIVING PARTY DATA

Name:	HANGZHOU HANGKE OPTOELECTRONICS CO., LTD.	
Street Address:	NO.31, 33 XIANXING ROAD, XIANLIN STREET, YUHANG DISTRICT	
City:	ZHEJIANG, HANGZHOU	
State/Country:	CHINA	
Postal Code:	310000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17644947

CORRESPONDENCE DATA

Fax Number: (612)339-3061

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: 612-373-6900 Email: uspto@slwip.com

SCHWEGMAN LUNDBERG & WOESSNER, P.A. **Correspondent Name:**

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	5220.162US1	
NAME OF SUBMITTER:	CHERYL L. KNAPP	
SIGNATURE:	/Cheryl L. Knapp/	
DATE SIGNED:	12/17/2021	

Total Attachments: 5

source=5220_162_assignment2#page1.tif source=5220_162_assignment2#page2.tif source=5220_162_assignment2#page3.tif source=5220 162 assignment2#page4.tif

> **PATENT** REEL: 058420 FRAME: 0807 507034148

source=5220_162_assignment2#page5.tif

PATENT REEL: 058420 FRAME: 0808

ASSIGNMENT

WHEREAS, Qianjun YAN, Zhaozhang ZHENG and Lingli MA (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention"); as described in the patent application filed on 17 December 2021, assigned US application serial number 17/644,947... and titled Lamp as described in a patent application filed on September 14, 2021 assigned Chinese application serial number 202122222173.6, and titled Lamp; as described in a patent application filed on September 14, 2021 assigned Chinese application serial number 202122264737.2, and titled Lamp; as described in a patent application filed on July 7, 2021 assigned Chinese application serial number 202121542607.4, and titled Lamp; and as described in a patent application filed on July 7, 2021 assigned Chinese application serial number 202121543596.1, and titled Lamp.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Hangzhou Hangke Optoelectronics Co., Ltd. (the "Assignee"), having a place of business at No. 31, 33 Xianxing Road, Xianlin Street, Yuhang District, Zhejiang, Hangzhou 310000, China, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filled in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee;

PATENT REEL: 058420 FRAME: 0809 AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the Intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignors: Qianjun Y	1% et al.	
Page 3 of 5		
Assignor:	and the same of th	
(Signature):	<u>40 k</u>	
	Name: Qianjun YAN City/State or Country: Hangzhou, China	

2021.10.19

Date:

PATENT REEL: 058420 FRAME: 0811

Docket No. 5229.162US1 Client Ref. No. P2021100827683 Assignment Assignors: Qianjun YAN et al. Docket No: 5220.162US1 Client Ref. No. P2021100827683

Page 4 of 5

Assignor:

(Signature):

Name: Zhaozhang ZHENG

City/State or Country: Hangzhou, China

Date:

2021.10,19

tssignment tssignors: Oisnjun YAN et al.		Docket No: 5220.162US1 Client Ref. No. P2021100827683
Page 5 of 5		
Assignor:		
(Signature): 2,4	84T	
	Lingli MA	
City/Sta	te or Country: Hangzhou, China	

PATENT REEL: 058420 FRAME: 0813

RECORDED: 12/17/2021

Date: