

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5670162

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY DATA previously recorded on Reel 049726 Frame 0054. Assignor(s) hereby confirms the ASSIGNEE'S NAME IS: LIGHT-MED (USA), INC..
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YONGJUN HUO	08/01/2019
CHIN CHUNG LEE	08/01/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LIGHT-MED (USA), INC.
<b>Street Address:</b>	1130 CALLE CORDILLERA
<b>City:</b>	SAN CLEMENTE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92673
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16477051
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)205-8050
<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>	6850-0104PUS1
<b>NAME OF SUBMITTER:</b>	SPENCER GARTH
<b>SIGNATURE:</b>	/spencer garth/
<b>DATE SIGNED:</b>	08/15/2019
<b>Total Attachments: 4</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5613527

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YONGJUN HUO	05/05/2019
CHIN CHUNG LEE	05/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LIGHT-MED (USA), INC.
<b>Street Address:</b>	1130 CALLE CORDILLERA
<b>City:</b>	SAN CLEMENTE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92673
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16477051
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)205-8050
<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>	
<b>Phone:</b>	703-205-8000
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<b>ATTORNEY DOCKET NUMBER:</b>	6850-0104PUS1
<b>NAME OF SUBMITTER:</b>	TAN T. TU
<b>SIGNATURE:</b>	/TAN T. TU/
<b>DATE SIGNED:</b>	07/11/2019
<b>Total Attachments: 2</b>	
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# UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 12, 2019

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 GATEHOUSE ROAD, SUITE 100E  
FALLS CHURCH, VA 22042

**505566730**

## UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 07/11/2019

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 6850-0104PUS1

ASSIGNOR:

HUO, YONGJUN

DOC DATE: 05/05/2019

ASSIGNOR:

LEE, CHIN CHUNG

DOC DATE: 05/05/2019

ASSIGNEE:

← LIGHT-MED (USA), INC.

\*\*\* ~~LIGHTMED-USA-INC.~~ ←  
1130 CALLE CORDILLERA  
SAN CLEMENTE, CALIFORNIA 92673

APPLICATION NUMBER: 16477051

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: SILVER-INDIUM TRANSIENT LIQUID PHASE METHOD OF BONDING  
SEMICONDUCTOR DEVICE AND HEAT-SPREADING MOUNT AND SEMICONDUCTOR  
STRUCTURE HAVING SILVER-INDIUM TRANSIENT LIQUID PHASE BONDING  
JOINT

ASSIGNMENT RECORDATION BRANCH  
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**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Application 16/477,051  
No.:

Filed: July 10, 2019

\*\*\*[Given Name FAMILY NAME (ALL CAPS)]\*\*\*  
Insert Name(s) WHEREAS, Yongjun HUO, Chin Chung LEE  
of

Inventor(s) (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title of SILVER-INDIUM TRANSIENT LIQUID PHASE METHOD OF BONDING SEMICONDUCTOR DEVICE  
Invention AND HEAT-SPREADING MOUNT AND SEMICONDUCTOR STRUCTURE HAVING SILVER-INDIUM  
TRANSIENT LIQUID PHASE BONDING JOINT

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date of on May 5, 2019, and  
Signing of  
Appin.

Insert Name WHEREAS, LIGHT-MED (USA), INC.  
of Assignee

Insert Address of Assignee of 1130 Calle Cordillera, San Clemente, CA 92673, United States.

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if ☒ in any foreign countries.  
Appropriate

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; including all rights under the International Convention for the Protection of Industrial Property or similar agreements as well as the right to claim benefit from the priority of the above-mentioned application; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 08/01/19 Name of  
Inventor

Yongjun Huo  
(Signature) Yongjun HUO

Date 08/01/19 Name of  
Inventor

Chin C. Lee  
(Signature) Chin Chung LEE