

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4937348

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIANG LI	04/23/2018
KERRY VAHALA	04/23/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HQPHOTONICS INC.
<b>Street Address:</b>	2500 E. COLORADO BLVD.
<b>Internal Address:</b>	SUITE 330
<b>City:</b>	PASADENA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91107
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62492072
<b>Application Number:</b>	15965911
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(800)853-6150
<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>	541-686-9462
<b>Email:</b>	dsalavi@northwestpatent.com
<b>Correspondent Name:</b>	DAVID S ALAVI
<b>Address Line 1:</b>	2852 WILLAMETTE #402
<b>Address Line 4:</b>	EUGENE, OREGON 97405
<b>ATTORNEY DOCKET NUMBER:</b>	HQP01NP
<b>NAME OF SUBMITTER:</b>	DAVID S ALAVI REG NO 40310
<b>SIGNATURE:</b>	/David S Alavi - 40310/
<b>DATE SIGNED:</b>	04/28/2018
<b>Total Attachments: 4</b>	
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**PATENT ASSIGNMENT**

<b>Title of Invention</b>	STABILIZED MICROWAVE-FREQUENCY SOURCE
<b>Docket Number</b>	HQP01P

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made the above-referenced invention. Embodiments of said invention are described in United States provisional Application Number 62/492,072 filed 04/28/2017.

WHEREAS, **HOPHOTONICS INC.** (hereinafter referred to as "ASSIGNEE") having a place of business at 2500 E. COLORADO BLVD., SUITE 330, Pasadena, CA 91107, desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.

If the above-referenced United States application is a provisional application, ASSIGNOR hereby assigns to the ASSIGNEE the entire right, title and interest in all applications in the United States claiming the benefit of said provisional application and in all Letters Patents issuing on any such patent applications.

ASSIGNOR hereby assigns to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

INVENTOR:

Name:

Jiang Li

Date:

04/23/2018

Signature:

Jiang Li

**PATENT ASSIGNMENT**

<b>Title of Invention</b>	STABILIZED MICROWAVE-FREQUENCY SOURCE
<b>Docket Number</b>	HQP01NP

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made the above-referenced invention. Embodiments of said invention are described in United States non-provisional Application Number 15/965,911 filed 04/28/2018.

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INVENTOR:

Name: Jiang Li

Date: 04/23/2018

Signature: Jiang Li

**PATENT ASSIGNMENT**

<b>Title of Invention</b>	STABILIZED MICROWAVE-FREQUENCY SOURCE
<b>Docket Number</b>	HQP01P

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INVENTOR:

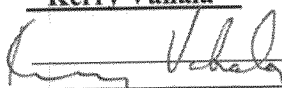
Name:

Kerry Vahala

Date:

04/23/2018

Signature:



**PATENT ASSIGNMENT**

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ASSIGNEE'S representatives are hereby authorized to insert the application number and filing date, when known, into this ASSIGNMENT.

INVENTOR:  
 Name: Kerry Vahala Date: 04/23/2018  
 Signature: 