

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6247898

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MELVIN MCLAURIN	09/27/2017
JAMES W. RARING	09/27/2017
PAUL RUDY	09/27/2017
VLAD NOVOTNY	09/27/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SORAA LASER DIODE, INC.
<b>Street Address:</b>	485 PINE AVENUE
<b>City:</b>	GOLETA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	93117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16992029
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)576-0300
<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>	650-326-2400
<b>Email:</b>	kmak@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	TWO EMBARCADERO CENTER, SUITE 1900
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	096019-1204361(101550US)
<b>NAME OF SUBMITTER:</b>	KELLY MAK
<b>SIGNATURE:</b>	/Kelly Mak/
<b>DATE SIGNED:</b>	08/12/2020
<b>Total Attachments: 5</b>	
source=ASSG#page1.tif	
source=ASSG#page2.tif	
source=ASSG#page3.tif	

source=ASSG#page4.tif

source=ASSG#page5.tif

**ASSIGNMENT**  
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

**"INTELLIGENT VISIBLE LIGHT WITH A GALLIUM AND NITROGEN  
CONTAINING LASER SOURCE"**

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above, (Serial No. 15/719,455 filed on September 28, 2017 ).

For other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- I. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Soraa Laser Diode, Inc., having a principal place of business at 485 Pine Avenue, Goleta, California 93117 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

ASSIGNMENT

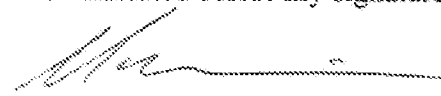
INTELLIGENT VISIBLE LIGHT WITH A GALLIUM AND NITROGEN  
CONTAINING LASER SOURCE

Attorney Docket No.: 096019-1062825(101500US)

Page 2 of 2

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
  3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:   
Melvin McLaurin

Date: 9/27/2017

Signature: \_\_\_\_\_  
James W. Raring

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Paul Rudy

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Vlad Novotny

Date: \_\_\_\_\_

ASSIGNMENT

INTELLIGENT VISIBLE LIGHT WITH A GALLIUM AND NITROGEN  
CONTAINING LASER SOURCE

Attorney Docket No.: 096019-1062825(101500US)

Page 2 of 2

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
  3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Melvin McLaurin

Signature: \_\_\_\_\_ Date: 9/27/17

James W. Raring

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Paul Rudy

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Vlad Novotny

ASSIGNMENT

INTELLIGENT VISIBLE LIGHT WITH A GALLIUM AND NITROGEN  
CONTAINING LASER SOURCE

Attorney Docket No.: 096019-1062825(101500US)

Page 2 of 2

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
  3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature: \_\_\_\_\_

Melvin McLaurin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

James W. Raring

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Paul Rudy

DocuSigned by:

Paul Rudy

BT02771720FF48E...

September 27, 2017

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Vlad Novotny

Date: \_\_\_\_\_

ASSIGNMENT

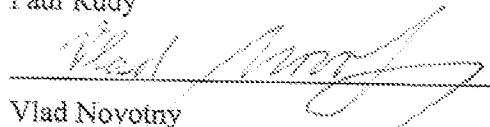
INTELLIGENT VISIBLE LIGHT WITH A GALLIUM AND NITROGEN  
CONTAINING LASER SOURCE

Attorney Docket No.: 096019-1062825(101500US)

Page 2 of 2

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
  3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
  4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
  5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature: _____	Date: _____
Melvin McLaurin	
Signature: _____	Date: _____
James W. Raring	
Signature: _____	Date: _____
Paul Rudy	
Signature:  _____	Date: <u>09/27/2017</u>
Vlad Novotny	