

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4043899

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	05/27/2015
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GUOLIANG LI	12/01/2015
DAMIEN LAMBERT	01/14/2016
NIKHIL KUMAR	09/07/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SKORPIOS TECHNOLOGIES, INC.
<b>Street Address:</b>	7401 SNAPROLL STREET NE
<b>City:</b>	ALBUQUERQUE
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87109
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14722983
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)571-4321
<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>	303-571-4000
<b>Email:</b>	kheil@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET, SUITE 2800
<b>Address Line 2:</b>	MAILSTOP: IP DOCKETING-22
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	92970-004010US-945494
<b>NAME OF SUBMITTER:</b>	KRISTIN M. HEIL
<b>SIGNATURE:</b>	/Kristin M. Heil/
<b>DATE SIGNED:</b>	09/08/2016
<b>Total Attachments: 7</b>	
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**ASSIGNMENT**  
(Patent Application)

I, Guoliang Li, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

**"WAVEGUIDE MODE EXPANDER HAVING AN AMORPHOUS-SILICON SHOULDER,"**  
the specification of which is provided with this Assignment and identified by the Attorney Docket No. above (Application No. 14/722,983, filed on May 27, 2015).

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

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Skorpios Technologies, Inc., a corporation having a principal place of business at 5600 Eubank Boulevard NE, Suite 200, Albuquerque, New Mexico 87111 ("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
  - (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

ASSIGNMENT

WAVEGUIDE MODE EXPANDER HAVING AN AMORPHOUS-SILICON SHOULDER

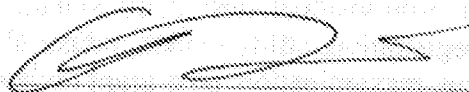
Attorney Docket No. 92970-004010US-945494

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- 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 me, as well as my heirs, legal representatives, and assigns.
  5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
  6. Make this Assignment to have the same legal force and effect as if executed on May 27, 2015.

Signed on the date indicated beside my signature.

Signature:



Guoliang Li

Date:

12/1/2015

**ASSIGNMENT**  
(Patent Application)

I, Damien Lambert, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

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- (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
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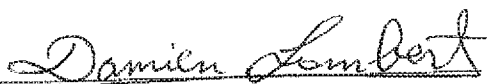
Attorney Docket No. 92970-004010US-945494

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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 me, as well as my heirs, legal representatives, and assigns.
5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
6. Make this Assignment to have the same legal force and effect as if executed on May 27, 2015.

Signed on the date indicated beside my signature.

Signature:   
Damien Lambert

Date: 01/14/2016

**ASSIGNMENT**  
(Patent Application)

I, Nikhil Kumar, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

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  - (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
  - (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

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WAVEGUIDE MODE EXPANDER HAVING AN AMORPHOUS-SILICON SHOULDER

Attorney Docket No. 92970-004010US-945494

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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 me, as well as my heirs, legal representatives, and assigns.
5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
6. Make this Assignment to have the same legal force and effect as if executed on May 27, 2015.

Signed on the date indicated beside my signature.

Signature: /Nikhil Kumar/  
Nikhil Kumar

Date: 9/7/2016





Skorpios Technologies, Inc.  
7401 Snaproll Street NE  
Albuquerque, NM 87109

Phone: 505-369-1542  
Fax: 505-369-1543

February 25, 2016

RE: SKORPIOS TECHNOLOGIES, INC. HAS MOVED TO A NEW LOCATION

To Whom It May Concern:

Effective **immediately**, Skorpios Technologies, Inc. is located at a new address. Please update your records to reflect the address below, applicable to both **shipping and correspondence**.

**NEW LOCATION ADDRESS:**

Skorpios Technologies, Inc.  
7401 Snaproll Street NE  
Albuquerque, NM 87109

Thank you in advance for your prompt attention to this update.

Best regards,

Lisa Albrecht  
VP Operations  
Skorpios Technologies Inc.  
[kary.pierce@skorpiosinc.com](mailto:kary.pierce@skorpiosinc.com)

**PREVIOUS LOCATION ADDRESS:**

5600 Eubank Blvd. NE, Suite 200  
Albuquerque, NM 87111