

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAHMOUD FALLAHI	10/17/2018
EWAN WRIGHT	10/17/2018
CHRIS HESSENIUS	06/10/2019
RECEIVING PARTY DATA	
Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA
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Internal Address:	4TH FLOOR
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16092379
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ATTORNEY DOCKET NUMBER:	122170.00148/UA17-073
NAME OF SUBMITTER:	YAKOV SIDORIN
SIGNATURE:	/Yakov Sidorin/
DATE SIGNED:	08/20/2019
Total Attachments: 4	
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ASSIGNMENT OF PATENT RIGHTS

Assignor: **Mahmoud Fallahi**, The University of Arizona,
1630 E University Blvd., Tucson, Arizona 85719
Ewan Wright, The University of Arizona,
1630 E University Blvd., Tucson, Arizona 85719
Chris Hessenius The University of Arizona,
1630 E University Blvd., Tucson, Arizona 85719

Assignee: Arizona Board of Regents on Behalf of the University of Arizona, a body corporate duly formed in accordance with Title 15 of the Arizona Revised Statutes, with an address as follows: The University of Arizona, Tech Launch Arizona, University Services Annex, 4th Floor, P.O. Box 210300A, Tucson, AZ 85721 (physically located at The University of Arizona, Tech Launch Arizona, 220 West Sixth Street, 4th Floor, Tucson, AZ 85701).

For good and valuable consideration, the receipt of which is hereby acknowledged, each Assignor hereby sells, assigns, transfers, and conveys unto Assignee, its successors and assigns, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

(a) all patent applications and/or patents listed in the table below (the "**Patents**");

<u>UA Ref. No.</u>	<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
UA17-073	16/092,379	US	Oct. 9, 2018	GENERATION OF HIGH-POWER SPATIALLY-RESTRUCTURABLE SPECTRALLY-TUNABLE BEAMS IN A MULTI-ARM-CAVITY VECSEL-BASED LASER SYSTEM <u>Mahmoud Fallahi</u>

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned and directly or indirectly incorporate by reference the Patents;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, including, without limitation, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(e) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories and all other rights arising out of such inventions, invention disclosures, and discoveries, and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the

Patents and/or any item in any of the foregoing categories, including, for past, current, and future infringement; and

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Each Assignor confirms that, at the time the invention was made, Assignor was obligated to assign, and did assign, the invention to Assignee. Each Assignor represents, warrants and covenants that Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee.

Each Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Each Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Assignor has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of Quarles & Brady 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 United States Patent and Trademark Office for recordation of this document.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

This Assignment of Patent Rights is executed on the date(s) below.

ASSIGNOR:

By: 

Printed Name: Mahmoud Fallahi

Date: 10/17/2018

ASSIGNOR:

By: _____

Printed Name: Ewan Wright

Date: _____

ASSIGNOR:

By: _____

Printed Name: Chris Hessenius

Date: _____

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ASSIGNOR:

By: _____
Printed Name: Mahmoud Fallahi

Date: _____

ASSIGNOR:

By: EWright
Printed Name: Ewan Wright

Date: 10/17/18

ASSIGNOR:

By: _____
Printed Name: Chris Hessenius

Date: _____

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ASSIGNOR:

By: _____
Printed Name: Mahmoud Fallahi

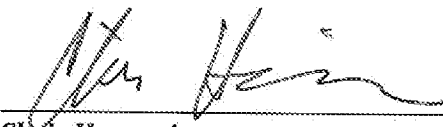
Date: _____

ASSIGNOR:

By: _____
Printed Name: Ewan Wright

Date: _____

ASSIGNOR:

By: 
Printed Name: Chris Hessenius

Date: 6-10-19