

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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Assignment ID: PATI358720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOHAMMED THARWAT HASSAN MOHAMMED	07/10/2024
DANDAN HUI	07/11/2024
HUSAIN ALQATTAN	06/18/2024
RECEIVING PARTY DATA	
Company Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA
Street Address:	THE UNIVERSITY OF ARIZONA, TECH LAUNCH ARIZONA
Internal Address:	1600 EAST IDEA LANE, SUITE 110
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85713
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18557871
CORRESPONDENCE DATA	
Fax Number:	5206232418
<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>	
Phone:	5207708700
Email:	patents@quarles.com,melanie.montenegro@quarles.com
Correspondent Name:	YAKOV S. SIDORIN
Address Line 1:	QUARLES & BRADY LLP
Address Line 2:	ONE SOUTH CHURCH AVENUE, SUITE 1800
Address Line 4:	TUCSON, ARIZONA 85701
ATTORNEY DOCKET NUMBER:	122170.00237
NAME OF SUBMITTER:	Melanie Montenegro
SIGNATURE:	Melanie Montenegro
DATE SIGNED:	07/12/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	

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**COMBINED DECLARATION AND ASSIGNMENT OF PATENT RIGHTS
FOR UTILITY PATENT AND DESIGN PATENT APPLICATIONS**

DECLARATION

Inventor(s): Mohammed Tharwat Hassan Mohammed, Tech Launch Arizona, 1600 E. Idea Lane, #110, Tucson, AZ 85713
Dandan Hui, Tech Launch Arizona, 1600 E. Idea Lane, #110, Tucson, AZ 85713
Husain Alqattan, Tech Launch Arizona, 1600 E. Idea Lane, #110, Tucson, AZ 85713

As an above-named inventor, I hereby declare that:

This Declaration is directed to the application(s) listed in the table below (hereinafter the "**Patents**"), and any patent application, including all reissues, reexaminations, renewals, extensions, continuations, divisionals, continuations-in-part, 371 applications, continuing prosecution applications, requests for continuing examinations, registrations, additions and substitutions, for which any of the Patents directly or indirectly forms a basis for priority and/or that were co-owned and directly or indirectly incorporate by reference the Patents:

<u>UA Ref. No.</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
UA21-185	18/557,871	2023-10-27	ALL-OPTICAL LIGHT FIELD SAMPLING WITH ATTOSECOND RESOLUTION

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

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, 1600 E. Idea Lane, Suite 110, Tucson, Tucson, AZ 85713.

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor(s) (hereinafter **Assignor**) hereby agrees to and does sell, assign, transfer, and convey unto Assignee, its successors and assigns, all rights, title, and interests, including the right to priority, 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 Patents;
- (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, renewals, extensions, continuations, divisionals, continuations-in-part, 371 applications, continuing prosecution applications, requests for continuing examinations, registrations, additions and substitutions 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, but not limited to, Paris Convention applications, PCT applications, their foreign national application counterparts, additions, continuations, and divisionals thereof, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, including, but not limited to, all rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, and/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.

This Assignment allows Assignee to file applications to the Patent Rights in its own name (but naming the inventor(s)) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the Paris Convention or the Patent Cooperation Treaty.

Assignor confirms that, at the time the invention was made, Assignor was obligated to assign, and did assign, and does hereby assign, the invention, including all priority rights and patent and proprietary rights, to Assignee. Assignor warrants having the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Assignment and to carry out the obligations under this Assignment, including the assignment of the Patent Rights to Assignee. Assignor warrants that aside from this Assignment, Assignor has not granted any right or license to make, use or sell the Patent Rights to anyone.

Upon assignment, Assignor also warrants that Assignee has good and marketable title to the Patent Rights, free and clear of all liens, encumbrances, licenses or charges of any nature. Assignor has not executed, and will not execute, any agreement in conflict with this Assignment, except for documents necessary to memorialize or protect the rights, if any, of the U.S. Government in the Patent Rights.

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.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration, 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. Further, Assignor hereby authorizes Assignee to sign on behalf of Assignor any necessary documents to advance, perfect, and protect the Patent Rights, if after reasonable due diligence the necessary signature from Assignor cannot be obtained.

The undersigned hereby grant(s) to the attorney of record the power to insert on this Assignment any further identification, including the application number(s) and filing date(s), which may be necessary or desirable 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 Combined Declaration and Assignment of Patent Rights is hereby executed on the date(s) below.

ASSIGNOR:

Inventor Signature: _____

Date: 07/10/2024

Printed Name of Inventor: **MOHAMMED THARWAT HASSAN MOHAMMED**

Inventor Signature: _____

Date: _____

Printed Name of Inventor: **DANDAN HUI**

Inventor Signature: _____

Date: _____

Printed Name of Inventor: **HUSAIN ALQUATTAN**

ASSIGNEE:

Signature: _____

Date: _____

Printed Name: Douglas M. Hockstad

Title: Associate Vice President, Tech Launch Arizona, Arizona Board of Regents on Behalf of the University of Arizona

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. Further, Assignor hereby authorizes Assignee to sign on behalf of Assignor any necessary documents to advance, perfect, and protect the Patent Rights, if after reasonable due diligence the necessary signature from Assignor cannot be obtained.

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ASSIGNOR:

Inventor Signature: / _____ / Date: _____

Printed Name of Inventor: **MOHAMMED THARWAT HASSAN**

Inventor Signature: / _____ / Date: _____

Printed Name of Inventor: **DANDAN HUI**

Inventor Signature: /  / Date: 18/6/2024

Printed Name of Inventor: **HUSAIN ALQATTAN**

ASSIGNEE:

Signature: / _____ / Date: _____

Printed Name: Douglas M. Hockstad

Title: Associate Vice President, Tech Launch Arizona, Arizona Board of Regents on Behalf of the University of Arizona

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. Further, Assignor hereby authorizes Assignee to sign on behalf of Assignor any necessary documents to advance, perfect, and protect the Patent Rights, if after reasonable due diligence the necessary signature from Assignor cannot be obtained.

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This Combined Declaration and Assignment of Patent Rights is hereby executed on the date(s) below.

ASSIGNOR:

Inventor Signature: _____ Date: _____

Printed Name of Inventor: **MOHAMMED THARWAT HASSAN MOHAMMED**

Inventor Signature: Dandan Hui Date: Jul 11, 2024
Dandan Hui (Jul 11, 2024 15:08 GMT+8)

Printed Name of Inventor: **DANDAN HUI**

Inventor Signature: _____ Date: _____

Printed Name of Inventor: **HUSAIN ALQUATTAN**

ASSIGNEE:

Signature: Douglas M Hockstad Date: 7/11/2024

Printed Name: Douglas M. Hockstad

Title: Associate Vice President, Tech Launch Arizona, Arizona Board of Regents on Behalf of the University of Arizona