

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD KREMER	03/15/2021
KYUNG-AH SON	03/09/2021
JEONG-SUN MOON	03/09/2021
RYAN QUARFOTH	03/09/2021
RECEIVING PARTY DATA	
Name:	HRL LABORATORIES,LLC
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City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90265
PROPERTY NUMBERS Total: 7	
Property Type	Number
Application Number:	63027844
Application Number:	63027841
Application Number:	63027838
Application Number:	63027849
Application Number:	17206756
PCT Number:	US2021023352
Application Number:	63027847
CORRESPONDENCE DATA	
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Email:	la_mail@la.ladas.com
Correspondent Name:	LADAS & PARRY LLP
Address Line 1:	4525 WILSHIRE BOULEVARD, SUITE 240
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ATTORNEY DOCKET NUMBER:	632667-4

NAME OF SUBMITTER:	MAVIS S. GALLENSON
SIGNATURE:	/Mavis S. Gallenson 32,464/
DATE SIGNED:	11/30/2021
Total Attachments: 6 source=632663-Assignment-rev_2_signed-pdf#page1.tif source=632663-Assignment-rev_2_signed-pdf#page2.tif source=632663-Assignment-rev_2_signed-pdf#page3.tif source=632663-Assignment-rev_2_signed-pdf#page4.tif source=632663-Assignment-rev_2_signed-pdf#page5.tif source=632663-Assignment-rev_2_signed-pdf#page6.tif	

ASSIGNMENT

WHEREAS: Richard **KREMER**
Residing at: Ramona, CA

WHEREAS: Kyung-Ah **SON**
Residing at: Moorpark, CA

WHEREAS: Jeong-Sun **MOON**
Residing at: Moorpark, CA

WHEREAS: Ryan **QUARFOTH**
Residing at: Malibu, CA

(hereinafter referred to as ASSIGNORS), have invented inventions (hereinafter referred to as INVENTION) disclosed at least in part in the following list:

U.S. Provisional patent application number: 63/027,844 filed on May 20, 2020, and entitled Solid State Tip-Tilt Phased Array;

U.S. Provisional patent application number: 63/027,841 filed on May 20, 2020, and entitled Solid-state Electrically-Variable Optical Wedge;

U.S. Provisional patent application number: 63/027,838 filed on May 20, 2020, and entitled Solid State Electrically Variable-Focal Length Lens;

U.S. Provisional patent application number: 63/027,847 filed on May 20, 2020, and entitled Method to Grow IR Optical Materials with Extremely Small Optical Loss;

U.S. Provisional patent application number: 63/027,849 filed on May 20, 2020, and entitled Method to Grow Thick Crystalline Optical Films on Si Substrates;

U.S. Patent Application Number: 17/206,756, filed on 3/19/2021, and entitled SOLID- STATE TIP-TILT-PHASED ARRAY;

U.S. Patent Number: _____, issued on _____, and entitled _____;

U.S. PCT Number PCT/US2021/023352 filed on 3/19/2021, and entitled SOLID- STATE TIP-TILT-PHASED ARRAY.

WHEREAS: **HRL Laboratories, LLC**

a Limited Liability Company formed under the laws of the State of Delaware, United States of America, having its principal place of business at:

3011 Malibu Canyon Road
Malibu, California 90265

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said INVENTION and in, to and under Letters Patent and similar legal protection to be obtained for said INVENTION in the United States and in any and all foreign countries,

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that ASSIGNORS, for good and valuable consideration, hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said INVENTION in the United States and its territorial possessions and in all foreign countries, including the right to the above patents and applications, the right to claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty, the right to seek relief and recover all damages present and past for infringement of said INVENTION and patents protecting said invention, the right to all Letters Patent and similar legal protection in the United States and its territorial possessions and in any and all foreign countries for said INVENTION and the right to any conversion, continuation, continuation-in-part, division, renewal, substitute and reissue thereof for the full term or terms for which the same may be granted for said patents and said applications.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, patents, said INVENTION, assignments related to said applications, patents, and said INVENTION, and said Letters Patent and legal equivalents in the United States and in foreign countries for said INVENTION as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives, any and all papers, instruments and affidavits required to apply for, obtain, maintain, issue and enforce said applications, patents, said INVENTION, and said Letters Patent and said equivalents thereof in any foreign country.

ASSIGNORS, hereby authorize and request the Attorney named in the Declaration and/or Power of Attorney executed for this INVENTION, or the Attorney filing a patent application for said INVENTION to insert the filing dates, titles, application numbers and patent numbers in this assignment for said INVENTION.

This assignment is to be interpreted under and governed by the laws of the State of California, in the United States of America, without regard to conflicts of law provisions. The exclusive jurisdiction for a legal proceeding regarding this assignment shall be in the State or Federal courts of California, and ASSIGNORS and ASSIGNEE expressly agree that jurisdiction and venue are proper in these courts and expressly submit to the jurisdiction of and agree to accept service of process of these courts in connection with any action in such courts to resolve any dispute arising hereunder.

ASSIGNORS and ASSIGNEE hereby irrevocably waive and agree not to assert in any suit, action, or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action, or proceeding is brought in an inconvenient forum or that the venue

of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof (certified or registered mail, return receipt requested, or any foreign equivalent of such mail service if the address in effect for notices is in a foreign country or territory) to such party at the address in effect for notices to it under this assignment and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law.

ASSIGNORS agree not to take any action, or to assist or request any third party in challenging or opposing ASSIGNEE's rights granted hereunder. ASSIGNORS further acknowledge that ASSIGNEE's patent counsel does not represent ASSIGNORS personally and acknowledge that ASSIGNORS have the right to seek independent counsel.

Subscribed and executed at RAMONA, CA

on 15 MARCH 2021, 2021.

Inventor:

Richard M. Kremer
Richard KREMER

Subscribed and executed at _____

on _____, 2021.

Inventor:

Kyung-Ah SON

Subscribed and executed at _____

on _____, 2021.

Inventor:

Jeong-Sun MOON

Subscribed and executed at _____

on _____, 2021.

Inventor:

Ryan QUARFOTH

of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof (certified or registered mail, return receipt requested, or any foreign equivalent of such mail service if the address in effect for notices is in a foreign country or territory) to such party at the address in effect for notices to it under this assignment and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law.

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Subscribed and executed at _____

on _____, 2021.

Inventor: _____

Richard KREMER

Subscribed and executed at Malibu, CA

on 3/9, 2021.

Inventor: _____

Kyung-Ah SON

Subscribed and executed at Malibu, CA

on 3/9, 2021.

Inventor: _____

Jeong-Sun MOON

Subscribed and executed at _____

on _____, 2021.

Inventor: _____

Ryan QUARFOTH

of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof (certified or registered mail, return receipt requested, or any foreign equivalent of such mail service if the address in effect for notices is in a foreign country or territory) to such party at the address in effect for notices to it under this assignment and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law.

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Subscribed and executed at _____

on _____, 2021.

Inventor: _____

Richard KREMER

Subscribed and executed at _____

on _____, 2021.

Inventor: _____

Kyung-Ah SON

Subscribed and executed at _____

on _____, 2021.

Inventor: _____

Jeong-Sun MOON

Subscribed and executed at Malibu, CA

on March 9, 2021.

Inventor: _____

Ryan Quarfoth
Ryan QUARFOTH

Your Ref: 20190034-NP; 20190034; 20190035
Our Ref: B-10257NP 632665-6

Subscribed and executed at Lakewood CO.

on March 16, 2020-2021

Assignee:

George R. Rapacki
HRL Laboratories, LLC
Jewel L. Miller or
George R. Rapacki

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