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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN G. QUARFOTH	07/11/2019
CARSON R. WHITE	07/15/2019

RECEIVING PARTY DATA

Name:	HRL LABORATORIES, LLC	
Street Address:	3011 MALIBU CANYON ROAD	
City:	MALIBU	
State/Country:	CALIFORNIA	
Postal Code:	90265	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62729341
Application Number:	16519374
PCT Number:	US2019043056

CORRESPONDENCE DATA

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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.

Phone: 3239342300

Email: la mail@la.ladas.com **Correspondent Name:** LADAS & PARRY, LLC

4525 WILSHIRE BOULEVARD SUITE 240 Address Line 1:

Address Line 4: LOS ANGELES, CALIFORNIA 90010

ATTORNEY DOCKET NUMBER:	631652-2	
NAME OF SUBMITTER:	MAVIS S. GALLENSON	
SIGNATURE:	/Mavis S. Gallenson 32464/	
DATE SIGNED:	08/01/2019	

Total Attachments: 3

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PATENT REEL: 049937 FRAME: 0489 505602474

HRL Ref: 180701-NP

Our Ref: B-96-24NP 631676-8

ASSIGNMENT

WHEREAS: Ry

Ryan G. Quarfoth 233 S Barrington Ave

Apt 209

Los Angeles, CA 90049

WHEREAS:

Residing at:

Carson R. White

Residing at:

28814 Colina Vista Street

Agoura Hills, CA 91301

(hereinafter referred to as ASSIGNORS), have invented inventions (hereinafter referred to as INVENTION) disclosed at least in part in the following list for which applications for Letters Patent of the United States and for which applications for foreign patents could be made.

U.S. provisional patent application number: <u>62/729,341</u> filed on <u>September 10, 2018</u>, and entitled <u>Electronically Steerable Holographic Antenna With Reconfigurable Radiators For Wideband Frequency Tuning;</u>

U.S. patent application	n number: 16/519,3	74 , filed	on July 2	23, 2019	and entitled	
Electronically Steerable Hol	ographic Antenna With Reconfi	gurable Radiators F	or Wideband Fred	juency Tuning		
U.S. Patent Number:		3	filed on		and entitled	*
U.S. PCT Number	PCT/US2019/043056 olographic Antenna With R	Acceptation of the Control of the Co		, and entitle leband Freque	1 NT	

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 90265-4799

(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 claim priority under any applicable provisions of the International Convention and the Patent Cooperation Treaty, the right to seek

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relief and recover all damages present and past for infringement of said INVENTION, and all Letters Patent and similar legal protection in the United States and its territorial possessions and in any and all foreign countries and 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.

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 said 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.

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on	Julu	11	, 2019.	
		Inventor:	New Ound The	
		A, 15A F W. E.S. Q. J.F.S. P	Ryan G. Quarfoth	

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on	July	15	, 2019.
		Inventor:	in will
			Carson R. White
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		c xxcx to xx ov x	HRL Laboratories, LLC

George R. Rapacki

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