## 504795531 02/27/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
Name			Execution Date		
MARCEL W. PRUESSNER			02/28/2017		
WILLIAM S. RABINOVICH			02/27/2017		
RITA MAHON			02/28/2017		
PETER G. GOETZ	PETER G. GOETZ				
Internal Address: City:	Suite 1425 Arlington				
State/Country: Postal Code:	VIRGINIA 22203				
PROPERTY NUMBE Property Typ Application Number	e	1 Number 15906204			
CORRESPONDENCE					

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.

Email:patent.docketing@nrl.navy.milCorrespondent Name:TAMERA PERRYAddress Line 1:4555 OVERLOOK AVENUE SWAddress Line 2:CODE 1008.2Address Line 4:WASHINGTON, D.C. 20375

ATTORNEY DOCKET NUMBER:	103979-US3
NAME OF SUBMITTER:	TAMERA PERRY
SIGNATURE:	/TameraPerry/
DATE SIGNED:	02/27/2018

## **Total Attachments: 7**

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## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 28th day of February, 2017, by Marcel W. Pruessner; William S. Rabinovich; Rita Mahon; and Peter G. Goetz (hereinafter referred to as Assignors), residing at 2821 Spencer Road, Chevy Chase, Maryland 20815; 11401 Lovejoy Street, Silver Spring, Maryland 20902; 12515 Meadowood Drive, Silver Spring, Maryland 20904; and 6468 O'Hara Court, Springfield, Virginia 22152, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in Chip-Scale Two-Dimensional Optical Phased Array with Simplified Controls, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS The Government of the United States of America, as represented by the Secretary of the Navy, a Federal Agency (hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions, U.S. Provisional Patent Application Serial No. 62/302,248, and said Application for Letters Patent of the United States, in and to any Letters Patent of the United States to be obtained therefore and thereon, and in and to any foreign patents to be obtained therefore and thereon within the following foreign countries:

All Patent Cooperation Treaty member states.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, U.S. Provisional Patent Application Serial No. 62/302,248, and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

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granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

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with the rules of the United States Patent and Trademark Office for recordation of this document:

## US NAVAL RESEARCH LABORATORY

All practitioners at Customer Number 26384

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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Man 5 Marcel W. Pruessner

Date: Fes. 2017

United States of Amer	ica	)	
State of	······································	):	ss.:
County of		)	

On this day of , before me personally came <u>Marcel W. Pruessner</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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William S. Rabinovich

2/27/17 Date:

United States of Amer	rica	)
State of		) ss.:
County of	······	)

On this day of , , , before me personally came William S. Rabinovich , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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Kita Mah

**Rita Mahon** 

2/28/2017 Date:

United States of America)State ofML/RYLAND)ss.:County ofMOINTGOMERY

On this 2% day of F transport, 2c>1-2, before me personally came Rita Mahon, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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2/28/17 Date:

United States of America ) State of <u>Virginia</u>)ss.: County of <u>Fairfax</u>)

On this 28th	_ day of	February	,	2017	, before me
personally came		ter G. Goetz.		to me known to	
described in and who executed the foregoing instrument, and acknowledged execution					
of the same.					

Notary Public

RECORDED: 03/03/2017 RECORDED: 02/27/2018 PATENT REEL: 041455 FRAME: 0150 REEL: 045051 FRAME: 0408