

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5350118

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JASBINDER S SANGHERA	07/06/2016
LINDA E BUSSE	07/07/2016
L BRANDON SHAW	07/07/2016
RECEIVING PARTY DATA	
Name:	The Government of the United States, as represented by the Secretary of the Navy
Street Address:	875 N Randolph St
Internal Address:	Suite 1425
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15508951
CORRESPONDENCE DATA	
Fax Number:	(202)404-7380
<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:	202-404-1556
Email:	joe.grunkemeyer@nrl.navy.mil
Correspondent Name:	JOSEPH T GRUNKEMEYER
Address Line 1:	4555 OVERLOOK AVE, SW
Address Line 2:	CODE 1008.2
Address Line 4:	WASHINGTON, D.C. 20375
ATTORNEY DOCKET NUMBER:	104036-US2
NAME OF SUBMITTER:	JOSEPH T GRUNKEMEYER
SIGNATURE:	/Joseph T Grunkemeyer/
DATE SIGNED:	01/30/2019
Total Attachments: 5	
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ASSIGNMENT BY INVENTORS (FOREIGN PATENTS)

THIS ASSIGNMENT, made by Jasbinder S. Sanghera; Lynda E. Busse; and L. Brandon Shaw (hereinafter referred to as Assignors), residing in Ashburn, Virginia; Alexandria, Virginia; and Woodbridge, Virginia, respectively;

WHEREAS, Assignors, while employed by the Government of the United States, have invented certain new and useful improvements in Optical Detector Based on an Antireflective Structured Dielectric Surface and a Metal Absorber, for use from the UV to the IR Spectral Region, set forth in an International Patent application, filed on August 6, 2015 as International Application No. PCT/US15/043967; and

WHEREAS, Assignors have assigned and transferred to the United States of America as represented by the Secretary of the Navy, and hereinafter called the Government, the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application(s) and any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof;

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 Government), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application(s) for Letters Patent of the United States, and in and to any Letters Patent to be obtained therefor and thereon within the following foreign countries:

All Patent Cooperation Treaty member states;

WHEREAS, by acquiring the Assignors' entire right, title, and interest in and to the invention the Government will be enabled to license the invention and share the income from the licensing with the Assignors as allowed by law;

NOW, THEREFOR, in consideration of the premises and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have assigned, transferred and set over, and by these presents do assign, transfer and set over, unto the Government, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application(s) for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application(s), and any and all Letters Patent in the above listed countries which may be granted therefor 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 the Government, 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 granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this assignment not been made. This assignment is made nunc pro tunc August 6, 2015.

AND for the same consideration, Assignors hereby represent and warrant to the Government, 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 the Government under law or that have already been transferred to the Government, Assignors are joint owners of the right, title and interest in and to the said inventions and application(s) 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 the Government, 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 in the above listed countries, without charge to the Government, its successors, legal representatives and assigns, whenever counsel of the Government, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application(s) for Letters Patent, or any

proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application(s) for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND the Assignors do hereby also grant unto the Government, the right to claim priority to the application(s) identified above.

AND the Assignors hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application(s) and of any continuation, division, or substitution of the application(s), or any application(s) for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

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 with the rules of any foreign patent office for recordation of this document:

US NAVAL RESEARCH LABORATORY

All practitioners at USPTO Customer Number 26384.

Date: 7/6/2016 Signature: J. S. Sanghera
Jasbinder S. Sanghera, Assignor

Date: 7/14/16 Witness Signature: [Signature]

Date: 7/14/16 Witness Signature: [Signature]

Date: 7-7-16 Signature: Lynda E. Busse
Lynda E. Busse, Assignor

Date: 7/14/16 Witness
Signature: S. E. A.

Date: 7/14/16 Witness
Signature: Sam

Date: 7/7/16 Signature: [Signature]
L. Brandon Shaw, Assignor

Date: 7/14/16 Witness
Signature: [Signature]

Date: 7/14/16 Witness
Signature: [Signature]

Date: 7/14/16 Signature: K. L. Broome
Kerry L. Broome, for Assignee, The
Government of the United States of
America