

## PATENT ASSIGNMENT COVER SHEET

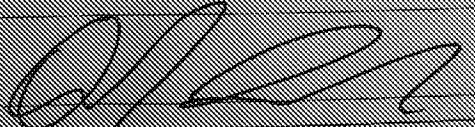
Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5604993

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID B. SHREKENHAMER	06/20/2019
LUKE J. CURRANO	06/12/2019
KONSTANTINOS GERASOPOULOS	06/18/2019
GARRET T. BONNEMA	07/01/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE JOHNS HOPKINS UNIVERSITY
<b>Street Address:</b>	34TH AND CHARLES STREET
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21218
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16503521
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(240)228-5254
<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>	
<b>Phone:</b>	240-228-4386
<b>Email:</b>	noah.hayward@jhuapl.edu
<b>Correspondent Name:</b>	THE JOHNS HOPKINS UNIVERSITY APL
<b>Address Line 1:</b>	11100 JOHNS HOPKINS ROAD
<b>Address Line 2:</b>	MAIL STOP 7-127
<b>Address Line 4:</b>	LAUREL, MARYLAND 20723-6099
<b>ATTORNEY DOCKET NUMBER:</b>	4674-SPL
<b>NAME OF SUBMITTER:</b>	NOAH J. HAYWARD
<b>SIGNATURE:</b>	/Noah J. Hayward/
<b>DATE SIGNED:</b>	07/04/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	

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source=currano#page1.tif  
source=bonnema#page1.tif

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

<b>Title of Invention</b>	DYNAMIC SPECTRAL FILTER
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached application, or is directed to: <input type="checkbox"/> United States application or PCT international application number _____ filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p> <p>WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest in and to said invention and to any Letters Patent that may be generated therefore in the United States and its territories and in any and all foreign countries.</p> <p>NOW, THEREFORE, in consideration of my employment by the ASSIGNEE, I do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted for said invention in the United States and its territories and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territories and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted.</p> <p>I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.</p>	
<p><b>LEGAL NAME OF INVENTOR</b></p> <p>Inventor: David B. Shrekenhamer</p> <p>Signature: </p> <p>Date: 6/20/2019</p>	

JHU/APL Docket No.: 4674-SPL

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**Title of  
Invention**

DYNAMIC SPECTRAL FILTER

As the below named inventor, I hereby declare that:

This declaration is directed to: ☒ The attached application, or  
☐ United States application or PCT international application number \_\_\_\_\_  
filed on \_\_\_\_\_.

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.

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NOW, THEREFORE, in consideration of my employment by the ASSIGNEE, I do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted for said invention in the United States and its territories and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territories and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

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**LEGAL NAME OF INVENTOR**

Inventor: Konstantinos Gerasopoulos

Signature: 

Date: 06/18/2019

JHU/APL Docket No.: 4674-SPL

**PATENT  
REEL: 049670 FRAME: 0722**

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
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LEGAL NAME OF INVENTOR
Inventor: Luke J. Currano
Signature:  Date: 12 June 2019

JHU/AFL Docket No.: 4674-SPL

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is directed to: ☐ United States application or PCT international application number .....  
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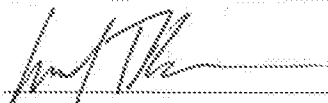
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**LEGAL NAME OF INVENTOR**

Inventor: Garret T. Bonnema

Signature: 

Date: 7/1/2019

JHU/APL Docket No.: 4674-SPL