

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4387581

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEIVAN STASSUN	02/13/2017
ARNOLD BURGER	02/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VANDERBILT UNIVERSITY
<b>Street Address:</b>	305 KIRKLAND HALL, 2201 WEST END AVENUE
<b>City:</b>	NASHVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37240
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15417659
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	4046457700
<b>Email:</b>	amsmith@mcciplaw.com
<b>Correspondent Name:</b>	MEUNIER CARLIN & CURFMAN LLC
<b>Address Line 1:</b>	999 PEACHTREE STREET NE
<b>Address Line 2:</b>	SUITE #1300
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	10644-011US1
<b>NAME OF SUBMITTER:</b>	ALYSSA SMITH
<b>SIGNATURE:</b>	/Alyssa Smith/
<b>DATE SIGNED:</b>	04/27/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
source=Executed CODA (Stassun&Burger)#page1.tif	
source=Executed CODA (Stassun&Burger)#page2.tif	

## COMBINATION ASSIGNMENT-STATEMENT

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

Title of Invention:

GAMMA RAY SPECTROSCOPE FOR DETERMINING A COMPOSITION OF AN  
ASTEROID OR THE REGOLITH OF THE ASTEROIDDECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
  - ☐ The attached application, or
  - ☒ United States application or PCT international application number 15/417,659 filed on January 27, 2017
- 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.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

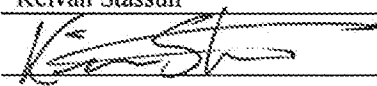
NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

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

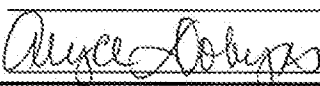
**LEGAL NAME OF INVENTOR**

Inventor: Keivan Stassun

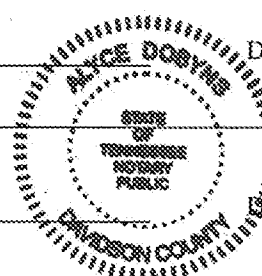
Signature: 

Date: 2/13/17

Witness:

Signature: 

Date: 2/13/17



PATENT

REEL: 042162 FRAME: 0292

**COMBINATION ASSIGNMENT-STATEMENT****DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
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**AND**, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

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**LEGAL NAME OF INVENTOR**

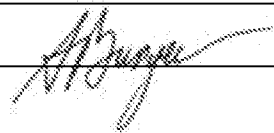
Arnold Burger

Inventor: \_\_\_\_\_

February 15, 2017

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



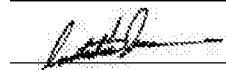
Witness: \_\_\_\_\_

Constantine Coca

February 15, 2017

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**PATENT****RECORDED: 04/27/2017****REEL: 042162 FRAME: 0293**