504856901 04/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4903640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMIL JOVANOV	02/20/2013

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, FOR AND ON BEHALF OF THE UNIVERSITY OF ALABAMA IN HUNTSVILLE	
Street Address:	301 SPARKMAN DRIVE E39	
City:	HUNTSVILLE	
State/Country:	ALABAMA	
Postal Code:	35899	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15157038

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	044929-501C02US	
NAME OF SUBMITTER:	PETER F. SNELL	
SIGNATURE:	/Peter F. Snell/	
DATE SIGNED:	04/06/2018	

Total Attachments: 3

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PATENT 504856901 REEL: 045461 FRAME: 0474

RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Emil Jovanov	The Board of Trustees of the University of Alabama, For And Name: On Behalf of the University of Alabama in Huntsville			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:			
3. Nature of conveyance/Execution Date(s):				
Execution Date(s) February 20, 2013	301 Sparkman Drive E39			
X Assignment Merger Change of Name				
Security Agreement Joint Research Agreement	City: Huntsville			
Government Interest Assignment	City: Huntsville State: Alabama			
Executive Order 9424, Confirmatory License	Country: USA Zip: 35899			
Other	Additional name(s) & address(es) attached? Yes X No			
4. Application or patent number(s): A. Patent Application No.(s) 15/157,038 This docur	nent serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)			
Additional numbers attached? 5. Name and address to whom correspondence	Yes X No 6. Total number of applications			
concerning document should be mailed:	and patents involved:			
Peter F. Snell, Esq. MINTZ LEVIN COHN FERRIS GLOVSKY Name: AND POPEO, P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Internal Address:				
	Authorized to be charged to deposit account			
Street Address: Chrysler Center	Enclosed			
666 Third Avenue	None required (government interest not affecting title)			
city: New York	8. Payment Information			
State: NY Zip: 10017				
Phone Number: (212) 692-6850				
Docket Number: 044929-501C02US	Deposit Account Number <u>50-0311</u>			
Email Address: IPDocketingBOS@mintz.com	Authorized User Name Peter F. Snell, Esq.			
9. Signature: /Peter F. Snell/	April 6, 2018			
Signature	Date Total number of pages including			
Peter F. Snell, Esq 52,235 Name of Person Signing	cover sheet, attachments, and documents:			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450				

ASSIGNMENT

I, Emil JOVANOV, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to the THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, FOR AND ON BEHALF OF THE UNIVERSITY OF ALABAMA IN HUNTSVILLE, with an office located at 301 Sparkman Drive E39, Huntsville, AL 35899, and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in or claim priority to the application for United States Letters Patent entitled:

SYSTEMS AND METHODS FOR DETERMINING CONTAINER CONTENTS, LOCATIONS, AND SURROUNDINGS

filed with the U.S. Patent and Trademark Office on February 25, 2013 and assigned ", including any subsequently filed utility applications, Serial No. 13/775,671 revivals, reissues, reexaminations, extensions, provisionals, including any renewals, continuations, continuations-in-part, and divisionals of such applications and any substitute applications therefor; including any utility applications claiming benefit thereof and any revivals, reissues, reexaminations, extensions, provisionals, continuations-in-part, and divisionals of such utility applications and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

Of Any artemacy or agent of record and any registered attorney or agent of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., Chrysler Center, 666 Third Avenue, New York, NY 18017, Telephone No. (212) 935-3000, is hereby authorized to insen, when known.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

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.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Signature of: Emil JOVANOV

The undersigned declare(s) that he/she was/were personally present and did witness the abovenamed individual execute this Assignment of his/her own free will for the purposes set forth herein.

Signature of witness: Name of witness: [Print or Type 2-2013

Name of witness: [Print or Type Name]

2-20-20/5

Date

Subscribed and sworn to before me in my

resence, this <u>DOV day of DOMANIA</u>

, a Notary Public in and for the

(Signature) Natary Public My commission expires

MANAGEMENT OF THE STATE OF THE EN MITCH Million or Consider

Page 2 of 2

HOTARY PUBLIC STATE OF ALABAMA AT LAROS MY COMMISSION EXPIRES: Apr 26, 2016.

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