505507146 06/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5553950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL WESTERHOFF	05/18/2019
KIRIL HRISTOVSKI	05/30/2019
JASMINA MARKOVSKI	05/17/2019
ARIEL ATKINSON	05/20/2019

RECEIVING PARTY DATA

Name:	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY		
Street Address:	1475 NORTH SCOTTSDALE ROAD		
Internal Address:	SUITE 200		
City:	SCOTTSDALE		
State/Country:	ARIZONA		
Postal Code:	85257		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16355016

CORRESPONDENCE DATA

Fax Number: (248)784-5005

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.

Phone: 248-784-5153

Email: patents@wnj.com

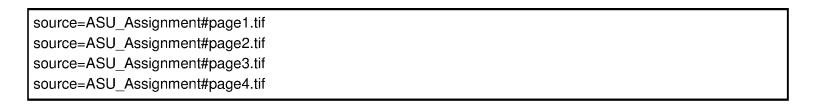
Correspondent Name: WARNER NORCROSS & JUDD, LLP

Address Line 1: 900 FIFTH THIRD CENTER
Address Line 2: 111 LYON STREET, N.W.

Address Line 4: GRAND RAPIDS, MICHIGAN 49503-2487

ATTORNEY DOCKET NUMBER:	018716.183333-US
NAME OF SUBMITTER:	WYATT J. ISTVAN-MITCHELL
SIGNATURE:	/Wyatt J. Istvan-Mitchell/
DATE SIGNED:	06/04/2019

Total Attachments: 4



CON		SKYSONG ID: M19-082P-UST	
WHEREAS, the undersigned invento			3 2 2 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
L. Paul Westerhoff 12794 East Sahaam Drive Scottsdale, AZ 88289	2. Kiril Hristovski 2228 E. Sarstogs Street Gilbert, AZ 83296	3. Jasmina Markovski 1849 S. Power Road, #2219 Mesa, AZ 85200	4. Ariel Atkinson 4848 N. Goldwater Blvd., #1013 Scottafeld, AZ 85251

(collectively, the "Assignors") have invented certain new, useful, nondevious, and otherwise patentable subject matter concerning

NANO-ENABLED ACTIVATED CARBON BLOCKS TO ENABLE REMOVAL OF OXYANIONS FROM WATER

(the "Inventions") for which the following United States patent application is filed herewith or was filed in the United States Patent and Trademark Office: serial number 16/355.016 filed on March 15, 2019 (the "Assigned IP"), and authorize representatives of Skysong insovations, LLC and its appointed agents to enter the serial number and filing date for each patent application when known. The term "Assigned IP" further includes (1) all patent applications that claim priority to or from the patent application referenced or identified in the precising sentence, whether a provisional application, a utility application, a design application, or other application, as well as easy patent application that has been filed or will be filed and otherwise discloses one or more of the Inventions, (2) all rober right, title, and interest in and to the Inventions, including but not limited to all other patent rights, copyrights, trade secrets or know-how, priority rights, rights to sue for past, present, and interest and all other rights in and to the Inventions, and (3) all patents, inventor's certificates, and other forms of protection gramed themon in the United States, in foreign countries or regions, or under any international concentrion, agreement, protocol, or treaty, including those arising under the Paris Convention, the Patent Cooperation Treaty, or otherwise.

WHEREAS, Arroma State University is the Assignors' employer and, in accordance with the Assignors' employment agreements, the Arizona Board of Regents Intellectual Property Policy (ABOR 6-908 as of the date of this assignment), and/or other employment abligations, the Arizona Board of Regents on behalf of Arizona State University (the "Assignee") stready owns all right, title, and interest in and to the Inventions and the Assigned IP, including but not limited to all priority rights in, and all rights and entitlements to claim priority to and from, the Assigned IP.

WHEREAS, the Assignors are researchers employed by the Assignee who, in accordance with their employment agreements, Arizona Board of Regents Intellectual Property Policy, and/or other employment obligations: (1) have had on obligation to assign, and have in fact previously assigned to the Assignee, all right, title, and interest in the Inventions and the Assigned IP, including but not limited to all priority rights in, and all rights and entitlements to claim priority to and from the Assigned IP, and (2) have an obligation to execute this confirmatory assignment for recordation purposes.

NOW, THEREFORE, in consideration of good and valuable consideration, including but not limited to Assignors' eligibility to personally benefit from the Assignors's Intellectual Property Management Implementation Policy (RSP 604 as of the date of this assignment):

- 1. The Assignors do hereby self, assign, transfer, and convey unto the Assignee the entire right, title, and interest (a) in and to the Inventions; (b) in and to the Assigned IP, including all priority rights in, and all rights and entitlements to claim priority to and from, any of the Assigned IP; (c) in and to each and every patent application that is a substitution, a continuation in part, or a divisional, of any of the Assigned IP; (d) in and to each and every reissue, reexamination, renewal, or extension of any kind of any of the firegoing; (e) in and to each and every patent application of any kind filed outside the United States and corresponding to any of the foregoing, including but not limited to international (e.g., Patent Cooperation Treaty) applications; (f) in and to each and every patent or other form of protection, whether without or international feet, patent Cooperation Treaty of the foregoing, and (g) in and to all claims for past, present, and future infringement of any of the Assigned IP, including all rights to see the and to recover for the Assigned IP.
- The Assignors will, at the Assignor's request and expense, execute all rightful eaths, assignments, powers of attorney, declarations, or other papers, or
 provide written or oral sestimony, that Assigner deems necessary to carry out, in good with, the intent and purpose of this assignment or to otherwise
 assist Assignor in establishing its ownership rights.
- 4. The Assignors bareby request that any patents or other forms of protection issuing in the United States, foreign countries or regions, or under any international convention, agreement, protectly, or treaty, he issued in the name of the Assignee or its successors, assigns, or legal representatives for the sole use of the Assignee and its successors, assigns, or legal representatives.
- 4. The terms and conditions of this assignment shall be binding upon the Assignors and their respective successors, assigns, and legal representatives
- 5. This insurance will be interpreted and construed in accordance with the laws of the State of Arizona without regard to conflict of law principles. If any provisions of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in physical or electronically transmitted individual counterparts, each of which is deemed on original, but all of which together constitute one and the same agreement.

IN WITNESS WHERFOF, the Assignors have executed and delivered this instrument to the Assignee as of the dates written below:

Paul Wagarholf 2	Kirii Hristovski	3. Jasmina Markovski	4,	Ariel Atkinson
bignature:	Signature: Date:	Signature: Date:		Signature
5/18/2019	Edda	(3000)		Date

CONFIRMATORY ASSIGNS	SKY309(G10) M19-0029-U31	
WHEREAS, the indestigned invarious: 1. Paul Westerhalt 2. Kirli Bristovski 13794 East Schwin Drive 2228 F. Santoga Smet) Jasonian Markovski 1849 S. Powey Rosel, /	4. Arisi Afkiasen (2210 - 3848 N. Gadoote, 1819a., 438) 3
Scoredale, AZ 85359 (60bert, AZ 85356)	Mina AZ 85208	Secondals, 52, 85331

(collectively, the "Assigners") have invented certain new, useful, consolutions, and otherwise patients by subject mater conserving

NANO-ENABLED ACTIVATED CARBON BLOCKS TO ENABLE BENOVAL OF OXYANDAS FROM WATER

the "havestions") for which the following United States potent application is (first hereafth or was filed in the United States Patent and Trademark Officer script member 16(185,016) (filed on March 15, 2019 (the "Assigned N"), and authorize representatives of Skysong Instructions, LLC and its appointed agents to enter the serial member and filing data for such patent applications where known. The terms "Assigned IP" kinder includes (1) all peaced applications that states providing application, as within application, as within application, as within application, a within application, as within application, as well as any potent application that has been filed or will be filed and otherwise discloses one or more of the toversions, (2) all other right, side, and interest in and is the Internitions, including but the Smitted to all other patent sights, copyrights, totale asserts or known too, priority rights, rights so use for past, present afternitions and all other rights in and to the Internitions, and Op all possess, inventors, confidency, and after forms of presention general therefore in the Universities, the Patin Cooperation Treaty, or otherwise.

WHEREAS, Anason State University is the Assignors' combayer and, in accordance with the Assignors' confugration agreements, the Atlanta Board of Regents too liferand Proporty Policy (ARCP A-968 or of the dire of this assignment), and/or other confloyment obligations, the Assignor Board of Regents on behalf of Astrona State University (the "Assignor") already owns all right, title, and interest in and to the Inventions and the Assignor IP, including but not limited to all priority sights in, and all rights and emittements to claim provity to and from the Assignor IP.

WHINDEAS, the Assignment on tegenithes employed by the Assignmenth in accordance with their employment agreements. Advance Record of Regards Intellected Property Policy, and/or other employment obligations (1) have led un obligation to assign, and have in their proviously assigned to the Assignment, all right, title, and correct to the inventions and the Assignment IP, including but not limited to all priority rights in, and all rights and entrements to close priority to and from the Assignment IP, and (2) have no obligation to exercise this confirmation actions for recordation property.

NOW, THEREPORE, in consideration of good and valuable consideration, including but not limited to Assignous' eligibility to personally benefit from the Assignous's Intellectual Property Management Implementation Policy (88P 508 to of the data of this assignment):

- 1. The Assignors do hereby self, assign, manufer, and convey onto the Assigner the entire right, frile; and interest (a) in and in the inventions, (b) in and to the Assigner IP, including all priority rights in, and all rights and confirmants to estim priority in and from, say of the Assigned IP; (c) in and in each and every patent application that is a software incomparison, a construction of part, or a divisiond, of any of the Assigned IP; (d) in and in each and every patent application, a construction of any kind. Blad markle the United States and corresponding in any of the foregoing, including but not bentled to international (a.g., Patent Cooperation Treaty) applications; (f) is and to each and every patent applications; (f) is and to each and every patent or other from of prosection, whether within or conside the United States, income or remaining from any of the foregoing; and (g) is and to all claims for past, present, and foreconding or of any of the Assigned IP, including all rights to see the and be received for the Assigned are not all past, present, and future lost profits, myshifes, and damages of whatever source recurrently from any infragramments of the Assigned IP.
- The Autoporo will, as the Assignme's request and expense, excepte all rightful cides, assignments, powers of attention, to other papers, or
 provide vertices or and featuremy, that Assignment as necessary to early and, in good faith, the initial and purpose of this assignment as no other visit
 assist Assignment in conditioning to constanting rights.
- 3. The Assignors beachy exquest that any persons or other forms of prosperior is using in the United States, lineign countries or regions, or writer my international convention, agreement, or beach, we heard in the name of the Assignor or in successors, assigns, or legal representatives for the rate ray of the Assignor and its successors, assigns, or legal representatives.
- 4. The turns and conditions of this and property shall be binding upon the Assignors and their respective necessars, and profession of the profession of the conditions.
- 5. This instrument will be incorpored and comment in accordance with the lane of the State of Arrivan without regard to conflict of low principles. Using provision of this instrument is found to be illegal or inconfluenable, the other provisions shall counts offerein and addressable to the greatest extent partitled by low. This instrument may be executed in physical or alcommental individual counterports, and of which is defined on original, but all of which injuried account the same agreement.

IN WITHIES WIFFIXIF, the Assignors have executed and delivered this instrument to the Assigner as of the dates unifien below:

C Paul Manhathall	2. Kingshophovski	3. Januina Markowski	4. Ariel Atkinson
Segrenary Control of the Control of		Signature: Date:	Signosore Dono:
5/18/249	*15/30/19		51 TT-10

C	ONFIRMATORY ASSIGNMEN	r	SKYSONG ID: M19-082P-US1	
WHEREAS, the undersigned involved. 1. Paul Westerhoff 12794 East Sahuaro Drive	2. Kiril Hristovski 2228 E. Saratoga Street	3. Jasmina Markovski 1849 S. Power Road, #2219	4. Ariel Atkinson 4848 N. Goldwater Blvd., #1013	
Scottsdale, AZ 85259	Gilbert, AZ 85296	Mesa, AZ 85206	Scottsdale, AZ 85251	

(collectively, the "Assignors") have invented certain new, useful, nonobvious, and otherwise patentable subject matter concerning

NANO-ENABLED ACTIVATED CARBON BLOCKS TO ENABLE REMOVAL OF OXYANIONS FROM WATER

(the "Inventions") for which the following United States patent application is filed herewith or was filed in the United States Patent and Trademark Office: serial number 16/355,016 filed on March 15, 2019 (the "Assigned IP"), and authorize representatives of Skysong Innovations, LLC and its appointed agents to enter the serial number and filing date for such patent application when known. The term "Assigned IP" further includes (1) all patent applications that claim priority to or from the patent application referenced or identified in the preceding sentence, whether a provisional application, a utility application, a design application, or other application, as well as any patent application that has been filed or will be filed and otherwise discloses one or more of the Inventions, (2) all other right, title, and interest in and to the Inventions, including but not limited to all other patent rights, copyrights, trade secrets or know-how, priority rights, rights to sue for past, present, and future damages, and all other rights in and to the Inventions, and (3) all patents, inventor's certificates, and other forms of protection granted thereon in the United States, in foreign countries or regions, or under any international convention, agreement, protocol, or treaty, including those arising under the Paris Convention, the Patent Cooperation Treaty, or otherwise.

WHEREAS, Arizona State University is the Assignors' employer and, in accordance with the Assignors' employment agreements, the Arizona Board of Regents Intellectual Property Policy (ABOR 6-908 as of the date of this assignment), and/or other employment obligations, the Arizona Board of Regents on behalf of Arizona State University (the "Assignee") already owns all right, title, and interest in and to the Inventions and the Assigned IP, including but not limited to all priority rights in, and all rights and entitlements to claim priority to and from, the Assigned IP.

WHEREAS, the Assignors are researchers employed by the Assignee who, in accordance with their employment agreements, Arizona Board of Regents Intellectual Property Policy, and/or other employment obligations: (1) have had an obligation to assign, and have in fact previously assigned to the Assignee, all right, title, and interest in the Inventions and the Assigned IP, including but not limited to all priority rights in, and all rights and entitlements to claim priority to and from, the Assigned IP, and (2) have an obligation to execute this confirmatory assignment for recordation purposes.

NOW, THEREFORE, in consideration of good and valuable consideration, including but not limited to Assignors' eligibility to personally benefit from the Assignee's Intellectual Property Management Implementation Policy (RSP 604 as of the date of this assignment):

- 1. The Assignors do hereby sell, assign, transfer, and convey unto the Assignee the entire right, title, and interest (a) in and to the Inventions; (b) in and to the Assigned IP, including all priority rights in, and all rights and entitlements to claim priority to and from, any of the Assigned IP; (c) in and to each and every patent application that is a substitution, a continuation-in-part, or a divisional, of any of the Assigned IP; (d) in and to each and every reissue, reexamination, renewal, or extension of any kind of any of the foregoing; (e) in and to each and every patent application of any kind filed outside the United States and corresponding to any of the foregoing, including but not limited to international (e.g., Patent Cooperation Treaty) applications; (f) in and to each and every patent or other form of protection, whether within or outside the United States, issuing or reissuing from any of the foregoing; and (g) in and to all claims for past, present, and future infringement of any of the Assigned IP, including all rights to sue for and to recover for the Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from any infringements of the Assigned IP.
- 2. The Assignors will, at the Assignee's request and expense, execute all rightful oaths, assignments, powers of attorney, declarations, or other papers, or provide written or oral testimony, that Assignee deems necessary to carry out, in good faith, the intent and purpose of this assignment or to otherwise assist Assignee in establishing its ownership rights.
- 3. The Assignors hereby request that any patents or other forms of protection issuing in the United States, foreign countries or regions, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee or its successors, assigns, or legal representatives for the sole use of the Assignee and its successors, assigns, or legal representatives.
- 4. The terms and conditions of this assignment shall be binding upon the Assignors and their respective successors, assigns, and legal representatives.
- 5. This instrument will be interpreted and construed in accordance with the laws of the State of Arizona without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in physical or electronically transmitted individual counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, the Assignors have executed and delivered this instrument to the Assignee as of the dates written below:

1.	Paul Westerhoff	2.	Kiril Hristovski	3.	Jasn	oina N	Markovski	4.	Ariel Atkinson
	Signature: Date:		Signature; Date:		Sign Date	ature:	1 Anuine 5/17/201	Harling	Signature: Date:

60,	SFIRMATORY ASSIGNMENT	ľ	S	annansano modernis	
WITERFAS, the maintained fevers	(88)				
Pini Westerholf 1204 East Salasae Drive Koutolain, AZ 82259	3 Kuri Hristovski 2278 F. Saratopa Steed Galacia, AZ 88596	3. Jasmina Markovs 1849 N. Pozec Ros Ngga, AZ 83200	ki #2219	Arist Atkinson 4848 X. Goldwater files, ** 8consode: AZ 88281	613
***		3		and the second s	

(collective); the "Assignors" these invented certain new, maled, manuferent, and otherwise putentiable subject matter suscerning

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In the country of the second of the proceeding and one of the Port. Convention, the Patent Cooperation Texts, or other times.

SYMPRIAN Anomal Scan University is the Assigners' employer and, in accordance with the Assigners' corpley must agreement the Assigner's Regents Intelligenced Property Policy (AROR A-SIR is of the data of the assignment), only on the complete ment of Significant on behalf of Aronas State University (the "Assigner") stready owns all right, title, and otherwise in and to the locations and the Assigner of Indian (as not limited to all priority rights in, and all rights and estitlements to eligin priority to not from the Assigner IP.

WHEREAS, the Assignment are researchers enginged by the Assignment with the complex mean agreements, Arizona Board of Reports Intellectual Property Policy, and or other employment indigraters (1) have had an obligation to assign, and have in first previously assigned to the Assignment and region and region and make a signed and region and

NOW, THEREFORD, in consideration of good and enhance consideration, including but not limited to Assignment chysinisty to personally benefit that the Assignment Property Management Employment Property (RSP 004 as of the date of this assignment).

- The Assigned do lamby self, assign, transfer, and convey unto the Assigned the other right, ride, and interest (a) in and to the Incomingation and to the Assigned IP, it is not in the anti-corresponding all priority rights in an entire and exterpolation application that is a substitution, a continuation in part, or a declaration any of the Assigned IP, (d) is not to each and every priority transfer to the anti-corresponding to any size of any of the foregoing (e) is not to each and every patent application of any kind likely outside the United States and corresponding to any of the foregoing, its includes haf not improve and expert grain applications (f) in and to each and every patent or other form of posteries as keeper action of outside the United States, issuing or reasonage from any of the foregoing, and (g) is and to all claims for past, present, and farmer infragement of any of the Assigned IP, including all rights to see the solito received for the Assigned IP. Including the present, and tutor like profits, passing or a hardward from any infragements of the Assigned IP.
- The designors will, at the Assignee's request one express, execute of rightful cathe, assignments, powers of attorney, declinations, it ofact papers or
 provab written or craft testimany, that Assignee decreas occasions to compact, in good fulfit, the intent and purpose of this assignment as to otherwise
 assist Assignee in establishing its symmetric rights.
- The Assignors hemby request that any patents or subset forms of progetion issuing in the United States, foreign countries or regions, or under any international contents on motional contents in assign in the money of the Assigner or in successors assigns, or legal representatives for the foreign of the Assigner and its successors, assigns, or legal representatives.
- 4. The work and conditions of this assignment shall be binding upon the Assignors and their respective acceptassors, unsigns, and legisla option infrien-
- 5. This instrument will be interpreted and construed in accordance with the laws of the State of Arizona without report to conflict of the principles of any provision of this instrument is found to be diagraphy or construction of this instrument is found to be diagraphy or or other provisions shall enter a reference and enterpreted to the provision of this instrument may be executed in physical in electronically transmitted policy dead opening are such of which is decined an original, but all of which ingether constitute one and the same agreement.

IN WINESS WHEREAF, the Assignate have executed and deference that man areas to the Assigned as it the dates within highest.

Paul Management 2 Kiril Heisterski i Jasonina Markovski 4 Ariel Atkinson Signature Signature Signature Date Date 5/18/2019

PATENT REEL: 049359 FRAME: 0802

RECORDED: 06/04/2019