507837981 04/05/2023 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | | | | | |
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| NATURE OF CONVEYA | NCE: | EXECUTIVE ORDER 9424, C | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE | | | | | |
| CONVEYING PARTY | ΑΤΑ | · | | | | | | |
| | | Name | Execution Date | | | | | |
| UNIVERSITY OF ARKA | ANSAS AT L | ITTLE ROCK | 03/28/2023 | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | |
| Name: | UNITED | STATES GOVERNMENT | | | | | | |
| Street Address: | 1520 FRE | EEDMAN DRIVE | | | | | | |
| Internal Address: | FCMR-JA | A | | | | | | |
| City: | FORT DE | TRICK | | | | | | |
| State/Country: | MARYLA | ND | | | | | | |
| Postal Code: | 21702-92 | 23 | | | | | | |
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| PROPERTY NUMBER | S Total: 4 | | | | | | | |
| Property Type | | Number | | | | | | |
| Application Number: | 62 | 2431076 | | | | | | |
| Application Number: | 15 | 5591728 | | | | | | |
| Application Number: | 62 | 2468534 | | | | | | |
| Application Number: | 16 | 6137771 | | | | | | |
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| Fax Number: | • | 01)619-5034 he e-mail address first; if that is | unquagaaful it will be aant | | | | | |
| | | if that is unsuccessful, it will be | | | | | | |
| Email: | je | sse.a.coelho.civ@health.mil | | | | | | |
| Correspondent Name | | ESSE COELHO | | | | | | |
| Address Line 1: | | 21 FRAIM STREET | | | | | | |
| Address Line 2: | | | | | | | | |
| Address Line 4: | F | ORT DETRICK, MARYLAND 2170 |)2-9223 | | | | | |
| ATTORNEY DOCKET N | UMBER: | 15-1-0666 | | | | | | |
| NAME OF SUBMITTER | | JESSE COELHO | JESSE COELHO | | | | | |
| SIGNATURE: | | /jcoelho/ | | | | | | |
| DATE SIGNED: | | 04/05/2023 | | | | | | |
| Fotal Attachments: 4 | | | | | | | | |
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Title of Invention: MOSQUITO-INSPIRED INSERTION GUIDE PREVENTS FLEXIBLE INTRACORTICAL

MICROELECTRODES FROM BUCKLING DURING IMPLANTATION

Inventor(s): Jeffrey Capadona, Andrew Shoffstall, Suraj Srinivasan

U.S. Filing/Issue Date: 03/08/2017

Patent or Application Serial No.: 62/468, 534

Grant/Contract Number(s): <u>W81XWH-15-1-0608</u>

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14**, **FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

| Sign | ed this 26th day of January , 20 23 |
|-------|--|
| Ву | Daniel Pendergast Image: Comparison of the second |
| Title | Senior Director of Operations |
| For | CASE WESTERN RESERVE UNIVERSITY |
| | (Grantee/Contractor Organization) |
| At | 10900 Euclid Avenue |
| | Sears Building 6th floor |
| | (Business Address) |
| | Cleveland OH 44106 |
| | (City/State/Zipcode) |

PATENT REEL: 063265 FRAME: 0314

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Invention Title: BIOCOMPATIBLE STRUCTURE FOR TISSUE REGENERATION AND METHODS OF MAKING AND

OSING SAME

Inventor(s): Alexandru Biris, Karrer Algbazali, Zeid Nima

U.S. Filing/Issue Date: 05/10/2017

Patent or Application Serial No.: 15/591,728

Grant/Contract Number(s): W81XWH-15-1-0666

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200**, et seq., and the Standard Patent Rights clause at **37 CFR 401.14**, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

| Signed this | 28-44 | day of | March | 1. | , 20 23 | <i>(</i>) | ~ |
|----------------|------------------------|------------------|------------|-----|-------------|------------|---|
| By Gerald J. | Ganz, Jr. | | | Lei | sed of | Janes (| L |
| (In | stitutional Business (| Official) | | | (Signature) | | |
| Title Vice Cha | ncellor for Finance a | nd Administratio | on | | | | |
| For UNIVERSI | TY OF ARKANSAS | AT LITTLE RO | OCK | | | | |
| | (Grantee/Contractor | Organization) | | | | | |
| At 2801 S. U | Iniversity Avenu | e Little Ro | ck, AR 722 | 04 | | | |
| | (Business Address) | | | | | | |

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Invention Title: Tunable Porous 3D Biodegradeable, Biocompatible Polymer/Nanomaterial Scaffold

Inventor(s): Alexandru Biris, Karrer Alghazali, Viney Saini, Zeid Nima, Shawn Bourdo

U.S. Filing/Issue Date: 04/23/2018

Patent or Application Serial No.: 16/137,771

Grant/Contract Number(s): W81XWH-15-1-0666

Foreign Applications filed/intended in (countries):

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

| Signed | d this 28-44 day of Ma | rch , | , 20 23 🙇 | |
|---------------|--|-------|-------------|---|
| Ву | Gerald J. Ganz, Jr. (Institutional Business Official) | - Jeg | (Signature) | 6 |
| Title _ | Vice Chancellor for Finance and Administration | | | |
| For Un | iversity of Arkansas at Little Rock | | | |
| | (Grantee/Contractor Organization) | | | |
| At <u>280</u> | 1 S. University Ave | | | |
| Littl | e Rock, AR 72204 | | | |
| | (Business Address) | | | |

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Invention Title: TUNABLE POROUS 3D BIODEGRADABLE, BLOCOMPATTBLE POLYMER/NANOMATERIAL SCAFFOLDS,

AND FABRICATING METHODS AND APPLICATIONS OF SAME

inventor(s): Alexandru Birís, Karrer Alghazali, Zeid Nima, Shawn Bourdo

U.S. Filing/Issue Date: 12/07/2016

Patent or Application Serial No.: 62/431,076

Grant/Contract Number(s): W81XWH-15-1-0666

Foreign Applications filed/intended in (countries):

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- 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

| Signed this | 2844 | day of | March | | , 20 23 | | |
|--------------|------------------------|--------------------|----------|----|------------|--------|---|
| By Gerald | J. Ganz, Jr. | | | Je | ,eeC | Janz (| G |
| (| Institutional Business | Official) | | () | Signature) | | |
| Title Vice C | hancellor for Finance | and Administration | 1 | | | | |
| For UNIVERS | SITY OF ARKANSAS | AT LITTLE ROC | СК | | | | |
| | (Grantee/Contracto | r Organization) | | | | | |
| | | | | | | | |
| At 2801 S. | University Aven | ue Little Rock | , AR 722 | 04 | | | |
| | (Business Address) | | | | ******* | | |