508041849 08/01/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8089001

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--|----------------|
| THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE | 01/30/2023 |

RECEIVING PARTY DATA

| Name: | THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE DIRECTOR OF THE DEFENSE HEALTH AGENCY |
|-------------------|---|
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| Internal Address: | SUITE 9-033 |
| City: | SILVER SPRING |
| State/Country: | MARYLAND |
| Postal Code: | 20910 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|----------|
| Patent Number: | 10653516 |

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: AFD-1756

NAME OF SUBMITTER: CHASTITY D. S. WHITAKER, PH.D.

SIGNATURE: /Chastity DS Whitaker/

DATE SIGNED: 08/01/2023

Total Attachments: 1

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PATENT 508041849 REEL: 064449 FRAME: 0008

WHEREAS the "INVENTOR(S)" while employed by the Government of the United States of America as represented by the Secretary of the Air Force ("AIR FORCE"), made inventions described in AFMCLO Form 1279, Disclosure and Record of Inventions (the "INVENTION"):

| Inventor(s): | Matthew Eastwood | | | |
|---------------------------|-----------------------------------|--------------------------|------------|--------|
| Title | ELECTROMAGNETIC ARTIFICIAL MUSCLE | | | |
| Air Force Docket No. | AFD 1756 | Application No. | 16/043,672 | |
| Patent No. (if issued) | 10,653,516 | Assignment Reel/Frame | 046445 | / 0986 |

WHEREAS, the conditions under which said INVENTION was made are such as to entitle AIR FORCE, under paragraph I(a) of Executive Order 10096, to the entire, undivided right, title, and interest therein, including foreign rights;

WHEREAS, the Defense Health Agency ("DHA") has assumed authority, direction and control of the Air Force Military Treatment Facilities as stated in National Defense Authorization Act for Fiscal Year 2017, section 702; and

WHEREAS, DHA and AIR FORCE are government agencies and the assignment of the INVENTION is to the Government of the United States; however, DHA and AIR FORCE desire the representation of the Government of the United States be transferred from AIR FORCE to DHA.

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable consideration:

AIR FORCE hereby transfers custody and administration to the INVENTION, in whole, under 35 U.S.C. § 207(a)(4), to DHA. Assignment of the INVENTION remains with the Government of the United States, therefore, DHA and AIR FORCE, as agencies of the Government of the United States may use the INVENTION and have the INVENTION manufactured for all governmental purposes without the payment of any royalty.

AIR FORCE authorizes and requests any official whose duty it is to issue patents to issue any patent thereon to the Government of the United States as represented by the Director, Defense Health Agency and its successors, as assignee of the entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made.

AIR FORCE, hereby also grants to DHA the option to take the entire right, title, and interest in the INVENTION or all applications for Letters Patent thereon in all countries foreign to the United States in which the DHA has filed, may file, or may cause to be filed.

For the Government of the United Sates as Represented by the Secretary of the Air Force

| Col. Melissa J Dooley | |
|---------------------------|------------|
| Name Commander, 60 MDG | |
| Title | |
| (M | 30 Tan '23 |
| Signature and Date | |

PATENT REEL: 064449 FRAME: 0009

RECORDED: 08/01/2023