

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| Charles B. Shoemaker  | 04/29/2024                          |
| <b>RECEIVING PARTY DATA</b>   |                                     |
| <b>Company Name:</b>  | Trustees of Tufts College           |
| <b>Street Address:</b>  | Tufts University, Ballou Hall       |
| <b>City:</b>  | Medford                             |
| <b>State/Country:</b>   | MASSACHUSETTS                       |
| <b>Postal Code:</b>   | 02155                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                     |
| <b>Property Type</b>  | <b>Number</b>                       |
| Application Number:   | 17221177                            |
| <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>   | 6173106000                          |
| <b>Email:</b>   | bosipmail@gtlaw.com                 |
| <b>Correspondent Name:</b>  | Melissa Hunter-Ensor                |
| <b>Address Line 1:</b>  | Greenberg Traurig, LLP              |
| <b>Address Line 2:</b>  | One International Place, Suite 2000 |
| <b>Address Line 4:</b>  | Boston, MASSACHUSETTS 02110         |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 167774-011403/US/DIV                |
| <b>NAME OF SUBMITTER:</b>   | Aja Williams                        |
| <b>SIGNATURE:</b>   | Aja Williams                        |
| <b>DATE SIGNED:</b>   | 05/02/2024                          |
| <b>Total Attachments: 5</b>   |                                     |
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**ASSIGNMENT BY INVENTOR(S)**

**THIS ASSIGNMENT** is made by Charles B. Shoemaker, c/o Trustees of Tufts College, Tufts University, Ballou Hall, Medford, MA 02155 USA, (hereinafter referred to as Assignor).

**WHEREAS**, Assignor has invented the invention(s) described in “VHH BASED BINDING ANTIBODIES FOR ANTHRAX AND BOTULINUM TOXINS AND METHODS OF MAKING AND USING THEREFOR,” as set forth in an application for Letters Patent of the United States, under U.S. Patent Application No.: 17/221,177, filed on April 2, 2021, which is a divisional application of U.S. Patent Application No.: 15/534,776, filed on June 9, 2017, now U.S. Patent No. 11,001,652, which is the 371 U.S. national stage application of PCT/US2015/064872, filed on December 10, 2015, which claims benefit of and priority to U.S. Provisional Application No. 62/089,949, filed December 10, 2014; and

**WHEREAS** Trustees of Tufts College, having a principal place of business at Tufts University, Ballou Hall, Medford, MA 02155 USA, (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention(s) and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention(s) and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent(s) in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent(s), and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent(s) may be

granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the above-mentioned invention(s) and application for Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent(s) and applications for Letters Patent(s) for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said invention(s), or said application for Letters Patents, or any proceeding in connection with any Letters Patent(s) or applications for Letters Patent(s) for said inventions in any country, including, but not limited to, interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said invention(s) and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignor hereby grants the following the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**GREENBERG TRAURIG LLP; and**  
**All practitioners at Customer Number 35893**

**AND** Assignor acknowledges an obligation of assignment of the invention(s) to Assignee at the time the invention was made.

Date: 4/29/24

  
Charles B. Shoemaker

Date: 4/29/2024


Witness: Jacqueline M. Lumbley

Date: 4/29/2024

Witness: Patricia Sally

RECEIVED AND AGREED TO BY ASSIGNEE: Trustees of Tufts College

Date: 5/1/2024

  
Name: Martin Son  
Title: Senior Director, Technology Transfer &  
Industry Collaboration