### 508767227 09/19/2024

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI505369

| SUBMISSION TYPE:      | NEW ASSIGNMENT                             |  |
|-----------------------|--|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |  |

### **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| CALDERA PHARMACEUTICALS | 06/19/2018     |

### **RECEIVING PARTY DATA**

| Company Name:   | United States Government |
|-----------------|--------------------------|
| Street Address: | 1520 Freedman Drive      |
| City:           | Fort Detrick             |
| State/Country:  | MARYLAND                 |
| Postal Code:    | 21702                    |

## **PROPERTY NUMBERS Total: 2**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15961480 |
| Application Number: | 15052914 |

#### **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: | 07-02-0017      |
|-------------------------|-----------------|
| NAME OF SUBMITTER:      | Neidel Hamilton |
| SIGNATURE:              | Neidel Hamilton |
| DATE SIGNED:            | 09/19/2024      |

# **Total Attachments: 3**

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PATENT 508767227 REEL: 068629 FRAME: 0646

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5014789

| SUBMISSION TYPE:      | NEW ASSIGNMENT                             |  |
|-----------------------|--|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |  |

#### **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| CALDERA PHARMACEUTICALS | 06/19/2018     |

### **RECEIVING PARTY DATA**

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|-------------------|---|--|
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| Internal Address: | STOP 6201                               |  |
| City:             | FORT BELVOIR                            |  |
| State/Country:    | VIRGINIA                                |  |
| Postal Code:      | 66020                                   |  |

### **PROPERTY NUMBERS Total: 2**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15961480 |
| Application Number: | 15052914 |

### **CORRESPONDENCE DATA**

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Correspondent Name: ELLEN KLANN

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Address Line 2: STOP 6201

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| NAME OF SUBMITTER: | ELLEN KLANN   |
|--------------------|---------------|
| SIGNATURE:         | /ellen klann/ |
| DATE SIGNED:       | 06/20/2018    |

#### **Total Attachments: 2**

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PATENT 8043 REEL: 068629 FRAME: 0647

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# **Confirmatory License Agreement**

This instrument confirms to the United States Government, as represented by the Defense Threat Reduction Agency ("DTRA"), a non-exclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the below 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.

This instrument also confirms all other rights acquired by the Government by reason of the identified agreement. This instrument grants the licensee the irrevocable power to inspect and make copies of the identified patent application.

Invention Title: Method and Apparatus for Measuring Protein Post-Translational Modification

Inventor(s) and Affiliation: ER Birnbaum, BP Warner, SM Baldwin, JA Berger, RLE Miller, LJ Petereson-Court, MN Harris (all affiliated with Caldera Pharmaceuticals)

Patent Application Serial Number: 15/961,480, 15/052914

Patent Serial Number: None to date

Patent Application Filing Date: 2-25-2016, 4-24-2018

Foreign Applications Filed/Intended: 5743135 (granted Japan),

2015033386

Applicable Agreement Number and Agency: W81XWH-07-02-0017, DTRA

| Signed this19th day of June         | , 2018      |
|-------------------------------------|-------------|
| ByDouglas Krafte                    | SVI         |
| (Printed Name of Licensor Official) | (Signature) |
| Title:Chief Scientific Officer      | ·           |
| For:Caldera Pharmaceuticals         |             |
| (Organization)                      |             |

PATENT REEL: 068629 FRAME: 0648

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|------|--|
| ALL  |  |
|      |  |

c/o Icagen Inc. 4222 Emperor Blvd., Suite 350 Durham, NC 27703

(Business Address)

**PATENT REEL: 068629 FRAME: 0649** 

RECORDED: 09/29/2028