

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3032375

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                                                                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE                                                           |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                                                                      |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                                                                                |
| VIRGINIA COMMONWEALTH UNIVERSITY                                                                                                                                                                | 08/08/2014                                                                                           |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                                                                      |
| <b>Name:</b>                                                                                                                                                                                    | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
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| <b>Postal Code:</b>                                                                                                                                                                             | 20892-7980                                                                                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                                                                      |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                                                                        |
| Patent Number:                                                                                                                                                                                  | 8762308                                                                                              |
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| <b>SIGNATURE:</b>                                                                                                                                                                               | /Director, DEITR, NIH/                                                                               |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 09/22/2014                                                                                           |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                                                                                      |
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Invention Title: Nonpeptidyl, potent, and selective mu opioid receptor antagonist

Inventor(s): William Dewey, Dana E Selley, Yan Zhang

U.S. Filing/Issue Date: 06/24/2014

Patent or Application Serial No.: 8,762,308

Grant/Contract Number(s): DA024022

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 State 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 8th day of August, 20 14.

By Susan E. Robb (Institutional Business Official) Susan E. Robb (Signature)

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RECORDED: 09/22/2014

REEL: 033793 FRAME: 0362