

## PATENT ASSIGNMENT COVER SHEET

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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>                                                                                |
| UNIVERSITY OF PENNSYLVANIA                                                                                                                                                                      | 02/03/2021                                                                                           |
| <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 |
| <b>Street Address:</b>                                                                                                                                                                          | NIH Division of Extramural Inventions and Technology Resources (DEITR)                               |
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| <b>Postal Code:</b>                                                                                                                                                                             | 20892-7980                                                                                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                                                                      |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                                                                        |
| Application Number:                                                                                                                                                                             | 11514316                                                                                             |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                                                                      |
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| <b>SIGNATURE:</b>                                                                                                                                                                               | /DIRECTOR, DEITR/                                                                                    |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 11/09/2022                                                                                           |
| <b>Total Attachments: 1</b><br>source=11514316#page1.tif                                                                                                                                        |                                                                                                      |

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Invention Title: Molecular beacons, methods and kits for detecting DNA damage response

Inventor(s): Wafik El-Deiry, Rishita Shah

U.S. Filing/Issue Date: 09/01/2006

Patent or Application Serial No.: 11/514,316

Grant/Contract Number(s): CA105008

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 3rd day of February, 2021

By Jennifer Langenberger  
(Institutional Business Official)

Jennifer Langenberger  
(Signature)

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