### 505778160 11/18/2019

## PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

#### **CONVEYING PARTY DATA**

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| MEDICAL UNIVERSITY OF SOUTH CAROLINA ASSIGNED TO MUSC FOUNDATION FOR RESEARCH DEVELOPMENT | 01/23/2017     |

#### **RECEIVING PARTY DATA**

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| Postal Code:      | 21702-5012   |

#### **PROPERTY NUMBERS Total: 1**

| Property Type | Number       |
|---------------|--------------|
| PCT Number:   | US2010057046 |

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PATENT 505778160 REEL: 051044 FRAME: 0197

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| Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).   |
|---|
| Invention Title: Human Monoclonal Antibodies to Human Nucleolin   |
| Inventor(s): Natalie Sutkowski, Daniel J Fernandes, Brian Hoel, Semyon Rubinchik  |
| U.S. Filing/Issue Date: 11/17/2010  |
| Patent or Application Serial No.: PCT/US2010/057046   |
| Grant/Contract Number(s): CA109254, CA152150, W81XWH-12-1-0242, W81XWH-12-1-0241  |
| Foreign Applications filed/intended in (countries): EUR PATENT OFC, JAPAN, CHINA  |
| The invention identified above is a Subject Invention under <b>35 U.S.C. 200, et seq.</b> , and the Standard Patent Rights clause at <b>37 CFR 401.14, FAR 52.227-11</b> or <b>FAR 52.227-12</b> (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 23rd day of January , 20 17 .   |
| By Michael Rusnak Michael Rusnak (Institutional Business Official) (Signature)  |
| Title Executive Director  |
| For MEDICAL UNIVERSITY OF SOUTH CAROLINA assigned to MUSC Foundation for Research Developmen (Grantee/Contractor Organization)  |
| At 171 Ashley Ave. Research and Sponsored Programs CHARLESTON, SC 29425 (Business Address)  |

PATENT REEL: 051044 FRAME: 0198