504264273 03/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4310953

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| FOX CHASE CANCER CENTER | 06/08/2016 |

RECEIVING PARTY DATA

| Name: | US ARMY, SECRETARY OF THE ARMY | |
|-------------------|----------------------------------|--|
| Street Address: | 810 SCHREIDER STREET | |
| Internal Address: | USAMRMC,MRMC-JA W81XWH-11-1-0201 | |
| City: | FORT DETRICK | |
| State/Country: | MARYLAND | |
| Postal Code: | 21702-5012 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14549428 |

CORRESPONDENCE DATA

Fax Number: (301)619-5034

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NAME OF SUBMITTER:JANET P. WEHRENBERGSIGNATURE:/JANET P. WEHRENBERG/DATE SIGNED:03/09/2017

Total Attachments: 1

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PATENT 504264273 REEL: 041925 FRAME: 0541

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| Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). |
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| nvention Title: Targeting TDG to Enhance Sensitivity of Cancer Cells to Gemcitabine |
| nventor(s): Alfonso Bellacosa, Timothy J Yen |
| J.S. Filing/issue Date: 11/13/2014 |
| Patent or Application Serial No.: 14/549,428 |
| Grant/Contract Number(s): CA078412, W91XWH-11-1-0201, GM085877 |
| 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 dentified 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 8th day of JUNE 20 Lb |
| 3y <u>Kul- Schwinner Harmer</u> (Institutional Business Official) (Signature) |
| Title |
| For Fox Chase Cancer Center |
| (Grantee/Contractor Organization) |

PATENT REEL: 041925 FRAME: 0542

RECORDED: 03/09/2017

At 333 Cottman Avenue Philadelphia, PA 19111

(Business Address)