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PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--|----------------|
| H. LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE, INC | 09/05/2013 |

RECEIVING PARTY DATA

| ilName: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
|-------------------|--|
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 |
| City: | Bethesda |
| State/Country: | MARYLAND |
| Postal Code: | 20892-7980 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14012029 |

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| Signature: | /Director, DEITR, NIH/ |
| Date: | 09/12/2013 |

Total Attachments: 1

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PATENT REEL: 031207 FRAME: 0746

License to the United States Government

07A059PRCCN2

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| Invention Title: Gene Signature for the Prediction of Radiation Therapy Response |
|--|
| Inventor(s): Javier F. Torres-Roca, and Steven A. Eschrich |
| U.S. Filing/Issue Date: August 28, 2013 / |
| Patent or Application Serial No.:14/012,029 |
| Grant/Contract Number(s): CA108926 and DAMD17-02-2-0051 |
| 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 Paten 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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| Signed this |
| By <u>Dr. James J. Mule'</u> (Name of Grantee/Contractor Official) (Signature) |
| Title Associate Center Director, Translational Research |
| For H. LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE, INC (Grantee/Contractor Organization) |
| At <u>12902 Magnolia Drive, Tampa, FL 33612 USA</u> (Business Address) |

PATENT REEL: 031207 FRAME: 0747

RECORDED: 09/12/2013