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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 |
|---------------------------------------|----------------|
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | 09/04/2012 |

RECEIVING PARTY DATA

| Name: | 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: | 12821967 |

CORRESPONDENCE DATA

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Total Attachments: 1

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PATENT REEL: 029032 FRAME: 0781

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(Business Address)

RECORDED: 09/24/2012

| Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). |
|---|
| Invention Title: A Comprehensive Screen to Assay for PARP Protein Function and Small Molecule |
| <u>Inhibition</u> |
| Inventor(s): Paul Chang, Anthony Kar Lun Leung, Philip A Sharp, Segal Vyas |
| U.S. Filing/Issue Date: |
| Patent or Application Serial No.: 12/821,967 |
| Grant/Contract Number(s): P01 CA042063, R01 CA133404 |
| 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 thisday ofseptember, 20 _12 . |
| By Rolande Johndro Rolanda Johndro |
| (Institutional Business Official) (Signature) |
| Title Patent Compliance Administrator |
| For MASSACHUSETTS INSTITUTE OF TECHNOLOGY |
| (Grantee/Contractor Organization) |
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| Cambridge, MA 02142 US |

PATENT REEL: 029032 FRAME: 0782