505185198 11/11/2018

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| UNIVERSITY OF MICHIGAN | 11/09/2018 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|---------|
| Patent Number: | 7202045 |

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Total Attachments: 1

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PATENT 505185198 REEL: 047468 FRAME: 0323

License to the United States Government

06072016

RECORDED: 11/11/2018

(Sign and submit this executed document to the United States Patent and Trademark Office – Electronic Patent Assignment System (EPAS) http://epas.uspto.gov

| DETECTION AND TREATMENT OF CANCERS OF THE LUNG |
|---|
| Invention title: |
| Inventor(s): Samir M. Hanash, Franck Brichory |
| U.S. Filing/Issue Date: 7,202,045 |
| Patent or Application Serial No: |
| Grant/Contract Number(s): CA084982 |
| 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: |
| 1. As required by 37 CFR 401.14 (f) (2) and Executive Order 9424: |
| This invention was made with government support under $\mbox{\bf Grant/Contract Number(s)}$ $\mbox{\bf CA084982}$ awarded by the National Institutes of Health. The government has certain rights in the invention. |
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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 9th day of November 2018 |
| By: |
| Institutional Business Official Printed Name and Title |
| Signature Title Manager of Business Process Optimization |
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| Grantee/Contractor Organization |
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