PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5339730

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------------|----------------|
| THE GENERAL HOSPITAL CORPORATION | 01/24/2019 |

RECEIVING PARTY DATA

| Name: | NIH - DEITR |
|-----------------|----------------------|
| Street Address: | 6705 ROCKLEDGE DRIVE |
| City: | BETHESDA |
| State/Country: | MARYLAND |
| Postal Code: | 20892-7974 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09710971 |

CORRESPONDENCE DATA

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| SIGNATURE: | /nikipetridis/ | |
| DATE SIGNED: | 01/24/2019 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 1

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REEL: 048117 FRAME: 0514

PATENT

License to the United States Government

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

| Executive Order 9424: Government Support License (Government Support Clause) |
|--|
| Invention title: Allogeneic and Xenogeneic Transplantation |
| Inventor(s): David H. Sachs |
| U.S. Filing/Issue Date: 11/09/2000 |
| Patent or Application Serial No: 09/710,971 |
| Grant/Contract Number(s): AI031046, HL018646 |
| 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 Grant/Contract Number(s) Al031046 and HL018646 awarded by the National Institutes of Health. The government has |
| certain rights in the invention. |
| All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. |
| 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 2019. |
| By: Niki Petridis, Senior Invention Administrator Institutional Business Official Printed Name and Title |
| Institutional Business Official Printed Name and Title |
| - Jhlsh |
| Signature |
| Title Senior Invention Administrator |
| For The General Hospital Corporation |
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RECORDED: 01/24/2019

PATENT REEL: 048117 FRAME: 0515