502076300 09/27/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

Name	Execution Date
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	09/06/2012

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
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13249388

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Total Attachments: 1

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PATENT REEL: 029045 FRAME: 0559

License to the United States Government

RECORDED: 09/27/2012

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).
Invention Title: Microbial Engineering for the Production of Chemical and Pharmaceutical
Products from Isoprenoid Pathway
Inventor(s): Gregory Stephanopoulos, Parayil Kumaran Ajikumar, Too Heng Phon
U.S. Filing/Issue Date: 09/30/2011
Patent or Application Serial No.: 13/249, 388
Grant/Contract Number(s): R01 GM085323
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 this day of September, 20 12 .
By Rolande Johndro Rolande Johndro (Institutional Business Official) Rolande Johndro (Signature)
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PATENT REEL: 029045 FRAME: 0560