508237351 11/17/2023

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF CALIFORNIA SYS OFFICE	12/19/2018

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY
Street Address:	1000 INDEPENDENCE AVE., SW
City:	WASHINGTON
State/Country:	D.C.
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PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2015034942

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DATE SIGNED:	11/17/2023

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PATENT 508237351 REEL: 065625 FRAME: 0831

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RECORDED: 11/17/2023

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).
Invention Title: BIOLOGICAL CONVERSION OF ETHYLENE TO N-BUTANOL AND OTHER CHEMICALS
Inventor(s): Shuchi Desai, Shota Atsumi, Michael Tone, Gabriel Rodriguez, Yohei Tashiro,
Justin Siege, Irina Koryakina, Dylan Carlin
U.S. Filing/Issue Date: 06/09/2015
Patent or Application Serial No.: PCT/US2015/034942
Grant/Contract Number(s): DE-AR0000429
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:
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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 19th day of December, 20 18
Signed this 19th day of December , 20 18 . By Jerina LaBat (Institutional Business Official) (Signature)
Title Patent Prosecution Lead
For UNIVERSITY OF CALIFORNIA SYS OFFICE/PRES (Grantee/Contractor Organization)
At 1111 Franklin Street 5th Floor Oakland. CA 94607

PATENT REEL: 065625 FRAME: 0832