505196812 11/19/2018

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
BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION	10/16/2018

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY
Street Address:	1000 INDEPENDENCE AVE., SW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16127843

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NAME OF SUBMITTER:	BRENDA K. BANKS
SIGNATURE:	/BRENDA K. BANKS/
DATE SIGNED:	11/19/2018

Total Attachments: 1

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PATENT 505196812 REEL: 047538 FRAME: 0037

CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Forms)

Title: "METHODS AND COMPOSITIONS FOR MICROWAVE

CATALYTIC AMMONIA SYNTHESIS"

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Serial No.: 16/127,843 File Date (U.S.): 09/11/2018

Contractor: Battelle Memorial Institute, PNWD DOE Case No.: S-146,587

Docket No.: 31400-E

DOE Contract No.: DE-AC05-76RL0 1830 Patent Right Clause No.: I-99

The Contractor, having the right to retain title to subject inventions as a result of Public Law 96-517, has reported the above-identified invention as a subject invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States. Required by the Public Law and the above-identified contract, in this invention and of all other rights acquired by the Government by the above-identified contract, in this invention and of all other rights clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this \ day of October, 2018.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION (Contractor)

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PATENT REEL: 047538 FRAME: 0038

RECORDED: 11/19/2018