506701020 06/07/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6747839

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

CONVEYING PARTY DATA

Name	Execution Date
UCHICAGO ARGONNE, LLC	08/30/2018

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
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City:	WASHINGTON	
State/Country:	D.C.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16105295

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DATE SIGNED:	06/07/2021

Total Attachments: 1

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PATENT REEL: 056454 FRAME: 0650

506701020

CONFIRMATORY LICENSE

Title of Invention:

LASER FIBER

MICROPHONES

WITH

GRAPHENE

DIAPHRAGMS

Inventors:

Shaolin Liao, Hual-Te Chien

Patent Application Serial No.: 16/105,295

Filing Date: August 20, 2018

Patent Number:

Issue Date:

Contractor:

UChicago Argonne, LLC

DOE Contract No.: DE-AC02-06CH11357 DOE Case No.: S-149,491

ANL Case No.: ANL-IN-18-020

The Contractor has reported the above-identified invention as a subject invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

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 subject invention.

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

Signed this 30th day of August, 2018

Contractor Name: UChicago Argonne, LLC

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> **PATENT** REEL: 056454 FRAME: 0651

RECORDED: 06/07/2021