

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7286579

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UCHICAGO ARGONNE, LLC	04/15/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED STATES DEPARTMENT OF ENERGY
<b>Street Address:</b>	1000 INDEPENDENCE AVE. S.W.
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20585
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15713238
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(630)252-2779
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(630) 252-2137
<b>Email:</b>	Confirmatory.License@science.doe.gov
<b>Correspondent Name:</b>	TIMOTHY L HARNEY
<b>Address Line 1:</b>	9800 S. CASS AVE
<b>Address Line 2:</b>	IPLD
<b>Address Line 4:</b>	LEMONT, ILLINOIS 60439
<b>ATTORNEY DOCKET NUMBER:</b>	15-713238 CAR
<b>NAME OF SUBMITTER:</b>	CYNTHIA RIDGE
<b>SIGNATURE:</b>	/S/CYNTHIA RIDGE
<b>DATE SIGNED:</b>	04/19/2022
<b>Total Attachments: 1</b>	
source=15-713238 License#page1.tif	

## CONFIRMATORY LICENSE

Title of Invention: COMPACT CARBON ION LINAC (ACCIL)

Inventors: Peter N. Ostroumov, Brahim Mustapha, Alireza Nassiri, Alexander Plastun, Aditya Goel

Patent Application Serial No.: 15/713,238 Filing Date: September 22, 2017

Patent Number: Issue Date:

Contractor: UChicago Argonne, LLC  
DOE Contract No.: DE-AC02-06CH11357  
DOE Case No.: S-145,986 ANL Case No.: ANL-IN-17-048

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 15<sup>TH</sup> DAY OF APRIL, 2019

Contractor Name: UChicago Argonne, LLC

By:   
Mark D. Hilliard  
Chief Patent Counsel  
Argonne National Laboratory  
UChicago Argonne, LLC