

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5545392

<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>
GENERAL ELECTRIC POWER SYSTEMS	02/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED STATES DEPARTMENT OF ENERGY
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<b>Postal Code:</b>	20585
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15174182
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<b>NAME OF SUBMITTER:</b>	PAULA S LEON
<b>SIGNATURE:</b>	/Paula S Leon/
<b>DATE SIGNED:</b>	05/29/2019
<b>Total Attachments: 1</b>	
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# CONFIRMATORY LICENSE

Title of Invention: Turbine Component and Methods of Making and Cooling a Turbine Component

Inventor(s): Sandip Dutta, James Zhang, Gary Itzel, John Delvaux, Matthew Hafner

Patent Application Serial No: 15/174,182

Filing Date: 06/06/2016

Patent Number: NA

Issue Date: NA

Name of Contractor: General Electric Company

DOE Contract No.: DE-FE0024006

DOE Case No.: S-141,607

Contractor Docket No.: 283111

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 25<sup>th</sup> day of FEB, 2019

By: 

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