

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5342326

<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 GLOBAL RESEARCH CTR	03/22/2018
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15279182
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<b>DATE SIGNED:</b>	01/25/2019
<b>Total Attachments: 1</b>	
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## CONFIRMATORY LICENSE

**Title of Invention:** GRAIN BOUNDARY ENGINEERING FOR ADDITIVE MANUFACTURING

**Inventor(s):** Xiaoyuan Lou, Martin Matthew Morra, Evan Jarrett Dolley

**Patent Application Serial No:** 15/279182

**Filing Date** 28SEP2016

**Patent Number:**

**Issue Date:**

**Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):**  
General Electric Global Research

**DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):**  
DE-NE0008428

**DOE Case No.:** T-115,696

**Contractor Docket No.:** 313661-1

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

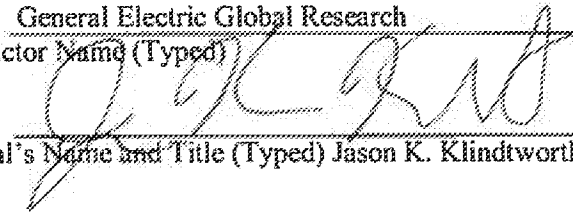
Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have 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 22<sup>nd</sup> day of March, 2018

General Electric Global Research  
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