

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5744414

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the REMOVE 15/113821 FROM RECORDATION SHEET previously recorded on Reel 050509 Frame 0538. Assignor(s) hereby confirms the 16/510524.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UT-BATTELLE, LLC	08/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. DEPARTMENT OF ENERGY
<b>Street Address:</b>	1000 INDEPENDENCE AVE., SW
<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>
<b>Application Number:</b>	16510524
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)586-7127
<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>	2025862802
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<b>Correspondent Name:</b>	BRENDA K. BANKS
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<b>NAME OF SUBMITTER:</b>	BRENDA K. BANKS
<b>SIGNATURE:</b>	/Brenda K. Banks/
<b>DATE SIGNED:</b>	09/30/2019
<b>Total Attachments: 4</b>	
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**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
Stylesheet Version v1.2

<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>
UT-BATTELLE, LLC	08/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	U.S. DEPARTMENT OF ENERGY
<b>Street Address:</b>	1000 INDEPENDENCE AVE., SW
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20585
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15113821
<b>Application Number:</b>	16510524
<b>CORRESPONDENCE DATA</b>	

**PATENT**

**CONFIRMATORY LICENSE**

Title: Low-Cost Cast Creep-Resistant Austenitic Stainless Steels That Form Alumina for High Temperature Oxidation Resistance  
Inventor(s): Philip J. Maziasz, Bruce A. Pint, Kinga A. Unocic, Ying Yang, Govindarajan Muralidharan  
Serial No.: 16/510,524  
Filing Date (U.S.) July 12, 2019  
Contractor: UT-Battelle, LLC  
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

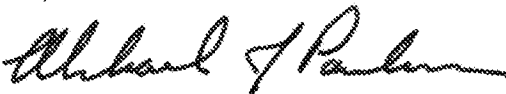
The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 5 day of August, 2019.

UT-Battelle, LLC

By   
Michael J. Paulus  
Director, Office of Technology Transfer

<b>Fax Number:</b>	(202)586-7127
<b>Phone:</b>	2025862802
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<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>Correspondent Name:</b>	BRENDA K. BANKS
<b>Address Line 1:</b>	1000 INDEPENDENCE AVE.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20585
<b>NAME OF SUBMITTER:</b>	BRENDA K. BANKS
<b>Signature:</b>	/Brenda K. Banks/
<b>Date:</b>	09/27/2019
<b>Total Attachments: 1</b> source=3818.3_Confirmatory License Completed 2#page1.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT5741400
<b>Receipt Date:</b>	09/27/2019

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**PATENT**



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SEPTEMBER 30, 2019

PTAS

BRENDA K. BANKS  
1000 INDEPENDENCE AVE.  
WASHINGTON, DC 20585

**505694590**

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RECORDATION DATE: 09/27/2019

REEL/FRAME: 050509/0538  
NUMBER OF PAGES: 2

BRIEF: CONFIRMATORY LICENSE (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UT-BATTELLE, LLC

DOC DATE: 08/05/2019

ASSIGNEE:

U.S. DEPARTMENT OF ENERGY  
1000 INDEPENDENCE AVE., SW  
WASHINGTON, DISTRICT OF COLUMBIA  
20585

APPLICATION NUMBER: 15113821

FILING DATE: 07/23/2016

PATENT NUMBER:

ISSUE DATE:

TITLE: HIGH STRENGTH ALUMINUM STAMPING

APPLICATION NUMBER: 16510524

FILING DATE: 07/12/2019

PATENT NUMBER:

ISSUE DATE:

TITLE: LOW-COST CAST CREEP-RESISTANT AUSTENITIC STAINLESS STEELS THAT FORM ALUMINA FOR HIGH TEMPERATURE OXIDATION RESISTANCE

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