

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5514394

<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>
CATERPILLAR INC.	03/29/2019
<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>
Patent Number:	8236261
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	BRENDA K. BANKS
<b>SIGNATURE:</b>	/BRENDA K. BANKS/
<b>DATE SIGNED:</b>	05/09/2019
<b>Total Attachments: 1</b>	
source=S-117383 CATERPILLAR INC. (07-831.1) PN 8236261 8-7-2012 CONF LIC#page1.tif	

# CONFIRMATORY LICENSE

**Title of Invention:** EXHAUST SYSTEM HAVING A GOLD-PLATINUM GROUP METAL CATALYST

**Inventor(s):** Christie Susan Ragle, Ronald G. Silver, Svetlana Mikhailovna Zemskova and Colleen J. Eckstein

**Issued Patent No:** 8,236,261      **Issue Date:** 08-07-2012

**Name of Contractor:** Caterpillar Inc.

**DOE Contract No.:** DE-AC06-76RLO1830

**DOE Case No.:** S-117383

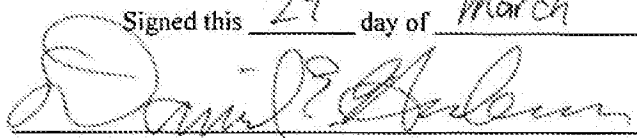
**Contractor Docket No.:** 07-831.1

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 29 day of March, 20 19  
 (Sign)

Daniel E. Henderson, Director Innovation and Emerging Technology

\_\_\_\_\_  
Official's Name and Title (Typed)

Caterpillar Inc., 14009 Old Galena Road, Mossville, IL 61552-7547  
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Business Address

Caterpillar: Confidential Green



RECORDED: 05/09/2019

PATENT  
REEL: 049125 FRAME: 0885