504165066 01/05/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4211743

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

Name	Execution Date
SIEMENS ENERGY, INC.	08/19/2011

### **RECEIVING PARTY DATA**

Name:	UNITED STATES DEPARTMENT OF ENERGY
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State/Country:	D.C.
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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13195959

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DATE SIGNED:	01/05/2017

**Total Attachments: 1** 

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PATENT 504165066 REEL: 040861 FRAME: 0082

# CONFIRMATORY LICENSE

Title of Invention: TURBINE AIRFOIL TO SHROUD ATTACHMENT METHOD

Inventor(s): Christian X. Campbell; Anand A. Kulkarni; Allister W. James;

Brian J. Wessell; Paul J. Gear

Patent Application Serial No: 13/195,959

Filing Date: August 2, 2011

Patent Number: N/A

Issue Date: N/A

Name of Contractor: Siemens Energy, Inc.

DOE Contract No.: DE-FC26-05NT42644

DOE Case No.: S-126283

Contractor Docket No.: 2011P00493US (formerly 2010E19296US)

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 aboveidentified patent application.

Signed this 19th day of August, 2011

Siemens Energy, Inc. 4400 Alafaya Trail, Orlando, Florida 32826-2399

> **PATENT** REEL: 040861 FRAME: 0083

RECORDED: 01/05/2017