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REEL: 025582 FRAME: 0580

CONFIRMATORY LICENSE

Title of Invention: NEAR-WALL SERPENTINE COOLED TURBINE AIRFOIL

Inventor(s): Ching-Pang Lee

Patent Application Serial No: 12/836,060

Filing Date: July 14, 2010

Patent Number: N/A

Issue Date: N/A

Name of Contractor: Siemens Energy, Inc.

DOE Contract No.: DE-FC26-05NT42644

DOE Case No.: S-122,760

Contractor Docket No.: 2010P10931US (formerly 2010E02384US)

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 26th day of August, 2010

Ŝiemens Energy, Inc.

nn Musone, Assistant Secretary

4400 Alafaya Trail, Orlando, Florida 32826-2399

PATENT REEL: 025582 FRAME: 0581

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