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S-141,359

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PRAXAIR TECHNOLOGY, INC.

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Name: United States Department of Energy

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Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/01/2015☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☒ Executive Order 9424, Confirmatory License☐ Other _____Street Address: 1000 Independence Ave., S.W.City: WashingtonState: D.C.Country: USA Zip: 20585

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4. Application or patent number(s):

A. Patent Application No.(s)

14/509,406

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael J. DobbsInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2164Fax Number: 630-252-2779Email Address: Confirmatory.License@ch.doe.gov6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

☐ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☐ Enclosed☒ None required (government interest not affecting title)

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9. Signature: _____

Signature

Date

Michael J. Dobbs #58.093

Name of Person Signing

Total number of pages including cover
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

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Office of Science
science.energy.gov/iscl/services/legal/

CONFIRMATORY LICENSE

SYSTEM AND METHOD FOR TEMPERATURE CONTROL IN AN OXYGEN
TRANSPORT MEMBRANE BASED REACTOR

Title of Invention:

Inventor(s):

Sean M Kelly

Patent Application Serial No:

14/509,406

Filing Date 10/08/2014

Patent Number:

Issue Date:

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):

Name of Contractor: Praxair Technology, Inc.

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

DE-FC26-07NT43088

DOE Case No.: S-141,359

Contractor Docket No.: 13485-US-R2

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

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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 on: December 1, 2015

Contractor Name Praxair Technology, Inc.

Official's Name Salvatore P. Pace

Official's Title Chief Intellectual Property Counsel

Business Address 39 Old Ridgebury Road, Danbury, CT 06812