

Form PTO-1595 (Rev. 07/05)  
OMB No. 0851-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

JP

# RECORDATION FORM COVER SHEET PATENTS ONLY

S-108,820

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

## 1. Name of conveying party(ies)

PRAXAIR, INC.

## 2. Name and address of receiving party(ies)

Name: United States Department of Energy

Internal Address: \_\_\_\_\_

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

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

Execution Date(s) 03/30/2007

☐ 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: Washington

State: D.C.

Country: USA Zip: 20585

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application or patent number(s):

A. Patent Application No.(s)

11/083,945

☐ 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: Mark P. Dvorscak

Internal Address: U. S. Dept. of Energy, IPLD

Street Address: 9800 S. Cass Ave

City: Argonne

State: IL Zip: 60439

Phone Number: 630-252-2393

Fax Number: 630-252-2779

Email Address: \_\_\_\_\_

## 6. 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)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

## 9. Signature: \_\_\_\_\_

Signature

Date

Michael J. Dobbs #58,093

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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

# CONFIRMATORY LICENSE

Title : METHOD OF MAKING A CERAMIC COMPOSITE  
Inventor(s) : Jack Chen  
Serial No. : 11/083,945 Filing Date: 03/21/2005  
Contractor : Praxair, Inc.  
DOE Contract No.: DE-FC26-01NT41096  
DOE Case No. : S-108,820, - Docket No. 21488  
Patent Rights Clause No. W(A)00-018

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):  
No foreign filing

An advanced waiver of Government rights having been granted by the U.S. Department of Energy (DOE) to the contractor and the above-identified invention having been reported as a Subject Invention to DOE by the contractor with its election to file a domestic patent application thereon, the effective date of said waiver for the above invention is August 11, 2005.

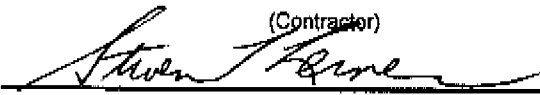

Accordingly, this document is confirmatory of the paid-up license required to be granted to the Government under 10 CFR-Part 784 and the above-identified contract in this invention, patent application and any resulting patent as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, and of all rights acquired by the Government by the referenced patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)

Signed this 30<sup>TH</sup> day of MARCH 2007

PRAXAIR TECHNOLOGY, INC.

By:  (Contractor)  
Steve L. Lerner, Sr. Vice President and Chief Technology Officer 

Praxair, Inc., 175 East Park Drive, P.O. Box 44, Tonawanda, NY 14151-0044