

9.30.04

FORM PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)
Tab settings ⇨⇨⇨

10-04-2004

102850131

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record and attach original documents or copy thereof.

1. Name of conveying party(ies):

Douglas J. Miller
Werner H. Ruoff
Allan Webster Intermill
Thomas R. Thoman
Richard L. Shao
Stephen L. Strong

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

2. Name and address of receiving party(ies)

Name: UCAR Carbon Company, Inc.
Street Address: 12900 Snow Road
City: Parma ST: Ohio ZIP 44130

Additional name(s) & address(es) attached? No

3. Nature of conveyance:

Assignment

Execution Date: September 10, 2004

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

A. Patent Application No.(s): 10/792,097

B. Patent No.(s):

Additional numbers attached? Yes No

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

Name: WADDEY & PATTERSON
Internal Address: BANK OF AMERICA PLAZA
SUITE 2020
Street Address: 414 UNION STREET
City: NASHVILLE State: TN Zip: 37219
Customer No. 23456

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):..... \$40.00

The fee is enclosed.

8. Deposit account number:

21-0010

(Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10/01/2004 6TOM11 00000182 210010 10792097

01 FC:0021 40.00 DA

James R. Cartiglia, Reg. No. 30,738

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 8

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents, Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 015836 FRAME: 0147

ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, Douglas J. Miller, Werner H. Ruoff, Allan Webster Intermill, Thomas R. Thoman, Richard L. Shao, Stephen L. Strong, ("Assignors") assign to UCAR Carbon Company, Inc. of Wilmington, Delaware ("Assignee"), their entire right, title, and interest in and to an invention entitled "INDUCTION FURNACE FOR HIGH TEMPERATURE OPERATION" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto, and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention or improvements thereto, including pending U.S. Patent Application Serial Number 10/792,097, filed March 3, 2004.

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

Assignors represent and warrant that they have not publicly used or disclosed the Invention, and that they have not previously sold or offered to sell the Invention.

Assignors represent and warrant that they have not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and that they have not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on each Assignor, his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Douglas J. Miller
Douglas J. Miller

8-3-04
Date

STATE OF Ohio
COUNTY OF Cuyahoga

Before me, Jane Kelly Edler, a Notary Public of the state and county aforesaid, personally appeared Douglas J. Miller, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 3 day of August, 2004.

Jane Kelly Edler
Notary Public

My commission expires: February 4, 2008

Jane Kelly Edler
Notary Public
State of Ohio
My Comm. Exp. 2-4-2008

Werner H. Ruoff
Werner H. Ruoff

07-22-04
Date

STATE OF Ohio
COUNTY OF Cuyahoga

Before me, Mary Ann Opincar, a Notary Public of the state and county aforesaid, personally appeared Werner H. Ruoff, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 22ND day of July, 2004.

Mary Ann Opincar
Notary Public

My commission expires: MARY ANN OPINCAR
Notary Public, State of Ohio
My commission expires 11/26/2007

Allan Webster Intermill
Allan Webster Intermill

25 Aug '04
Date

STATE OF Ohio
COUNTY OF Cuyahoga

Before me, Jane Kelly Edler, a Notary Public of the state and county aforesaid, personally appeared Allan Webster Intermill, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 25 day of August, 2004.

Jane Kelly Edler
Notary Public

My commission expires: February 4, 2008

Jane Kelly Edler
Notary Public
State of Ohio
My Comm. Exp. 2-4-2008
PATENT

Stephen L. Strong
Stephen L. Strong

7/19/04
Date

STATE OF Maine
COUNTY OF Cumberland

Before me, Lea Florendo, a Notary Public of the state and county aforesaid, personally appeared Stephen L. Strong, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 14th day of July, 2004.

Lea Florendo
Notary Public

My commission expires: _____

LEA FLORENDO
NOTARY PUBLIC, STATE OF MAINE
MY COMMISSION EXPIRES DEC. 16, 2009

Thomas R. Thoman
Thomas R. Thoman

9/10/04
Date

STATE OF Ohio
COUNTY OF Cuyahoga

Before me, Jane Kelly Edler, a Notary Public of the state and county aforesaid, personally appeared Thomas R. Thoman, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 10 day of September, 2004.

Jane Kelly Edler
Notary Public

My commission expires: February 4, 2008

Jane Kelly Edler
Notary Public
State of Ohio
My Comm. Exp. 2-4-2008

Richard L. Shao
Richard L. Shao

Sept. 10, 2004
Date

STATE OF Ohio
COUNTY OF Cuyahoga

Before me, Jane Kelly Edler, a Notary Public of the state and county aforesaid, personally appeared Richard L. Shao, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 10 day of September, 2004.

Jane Kelly Edler
Notary Public

My commission expires: February 4, 2008

Jane Kelly Edler
Notary Public
State of Ohio
My Comm. Exp. 2-4-2008