

03-24-2000



101299486

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

**New**

**Resubmission (Non-Recordation)**  
Document ID#

**Correction of PTO Error**  
Reel #  Frame #

**Corrective Document**  
Reel #  Frame #

**Conveyance Type**

**Assignment**       **Security Agreement**

**License**             **Change of Name**

**Merger**                 **Other**

**U.S. Government**  
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**Departmental File**       **Secret File**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

|  |  |
|--|--|
| <b>Name (line 1)</b> <input type="text" value="UCAR Carbon Technology Corporation"/> | <b>Execution Date</b><br>Month Day Year<br><input type="text" value="12 31 99"/> |
| <b>Name (line 2)</b> <input type="text"/>  |  |
| <b>Second Party</b>  | <b>Execution Date</b><br>Month Day Year<br><input type="text"/>                  |
| <b>Name (line 1)</b> <input type="text"/>  |  |
| <b>Name (line 2)</b> <input type="text"/>  |  |

**Receiving Party**

Mark if additional names of receiving parties attached

|  |   |
|--|---|
| <b>Name (line 1)</b> <input type="text" value="UCAR Graph-Tech Inc."/>   | <input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) |
| <b>Name (line 2)</b> <input type="text"/>  |   |
| <b>Address (line 1)</b> <input type="text" value="11709 Madison Avenue"/>  |   |
| <b>Address (line 2)</b> <input type="text"/>   |   |
| <b>Address (line 3)</b> <input type="text" value="Lakewood"/> <input type="text" value="Ohio"/> <input type="text" value="44107"/> |   |
| <small>City State/Country Zip Code</small>   |   |

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

**Name**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**

**Address (line 4)**

03/23/2000 VBROWN 00000091 501202 08833356  
01 FC:581 640.00 CH

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Mail documents to be recorded with required cover sheet(s) information to:  
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REEL: 010625 FRAME: 0215

**Correspondent Name and Address**      **Area Code and Telephone Number**

**Name**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**

**Address (line 4)**

**Pages**      Enter the total number of pages of the attached conveyance document including any attachments.      #

**Application Number(s) or Patent Number(s)**       Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

| Patent Application Number(s)           |  |  | Patent Number(s)     |                      |                      |
|--|--|--|----------------------|----------------------|----------------------|
| <input type="text" value="08/833356"/> | <input type="text" value="09/015590"/> | <input type="text" value="09/111139"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text" value="08/872428"/> | <input type="text" value="09/088850"/> | <input type="text" value="09/112717"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text" value="08/937416"/> | <input type="text" value="09/090054"/> | <input type="text" value="09/133237"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month      Day      Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT       PCT       PCT

PCT       PCT       PCT

**Number of Properties**      Enter the total number of properties involved.      #

**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41): \$

**Method of Payment:**      Enclosed       Deposit Account

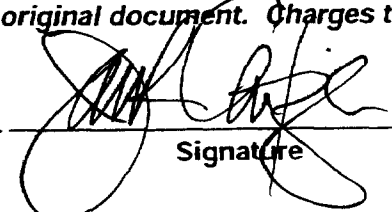
**Deposit Account**  
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees:      Yes       No

**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. Charges to deposit account are authorized, as indicated herein.*

James R. Cartiglia            2/15/00

Name of Person Signing      Signature      Date

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) UCAR Carbon Technology Corporation

Execution Date  
Month Day Year

12 31 99

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1) UCAR Graph-Tech Inc.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 11709 Madison Ave.

Address (line 2)

Address (line 3) Lakewood  
City

Ohio  
State/Country

44107  
Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City

State/Country

Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

### Patent Application Number(s)

|           |           |  |
|-----------|-----------|--|
| 09/136323 | 09/393980 |  |
| 09/167865 | 09/459209 |  |
| 09/178134 |           |  |
| 09/287899 |           |  |
| 09/369974 |           |  |

### Patent Number(s)

|  |  |  |
|--|--|--|
|  |  |  |
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|  |  |  |

## ASSIGNMENT OF U.S. PATENT APPLICATIONS

WHEREAS, UCAR Carbon Technology Corporation, a Delaware corporation, having an office at 3102 West End Avenue, Nashville, Tennessee, 37203, is the owner of the applications for United States Patents set forth in SCHEDULE "T" U.S. PATENT APPLICATIONS, Owned Exclusively by UCAR Carbon Technology Corporation, attached hereto and made a part hereof;

WHEREAS, UCAR Graph-Tech Inc., a Delaware corporation, having an office at 11709 Madison Avenue, Lakewood, Ohio, 44107, desires to acquire the entire right, title and interest of UCAR Carbon Technology Corporation in and to the above-identified applications for United States Patents and the inventions covered thereby;

NOW, THEREFORE, to all whom it may concern, be it known that for valuable consideration, the receipt of which is hereby acknowledged, that UCAR Carbon Technology Corporation, has sold, assigned and transferred to UCAR Graph-Tech Inc. the entire right, title and interest of UCAR Carbon Technology Corporation in and to the applications for United States Patents set forth in SCHEDULE "T" (identified with country code "US") and the inventions disclosed in and/or covered thereby, and any and all patents which may be granted based thereon, the same to be held and enjoyed by UCAR Graph-Tech Inc., for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives, to the end of the term or terms for which any United States Patents based on any of said applications for United States Patents and any reissues, divisions, continuations or continuations-in-part thereof are granted, as fully and entirely as the same would have been held and enjoyed by UCAR Carbon Technology Corporation if this assignment and sale had not been made.

IN TESTIMONY WHEREOF, UCAR Carbon Technology Corporation has caused this instrument to be signed by its duly authorized representative, and its corporate seal to be hereto affixed and attested, this 28th day of December, 1999.

UCAR Carbon Technology Corporation

By: Karen H. Narwold  
Title: Vice President

ATTEST:

[Signature], Attorney

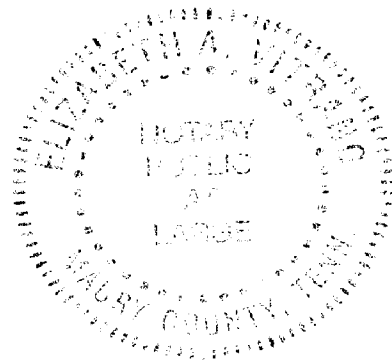
State of Tennessee)

ss.: Nashville

County of Davidson

This 28<sup>th</sup> day of December, 1999, before me personally came the above-named Karen H. Narwold to me personally known as the individual who executed the foregoing assignment on behalf of the corporation whose name is affixed thereto and who has acknowledged to me that he executed the same for the purposes therein set forth as his own free act and deed and as the free act and deed of such corporation.

[Signature]  
Notary Public



My Commission Expires MAY 21, 2001

UCAR GRAPH-TECH INC. - U.S. APPLICATIONS

January 27, 2000

| Serial #  | Filing Date | Title  | Inventors                                 |
|-----------|-------------|--|---|
| 08/833356 | 04-Apr-1997 | OXIDATION AND CORROSION RESISTANT FLEXIBLE GRAPHITE COMPOSITE SHEET AND METHOD | MCGLAMERY, JT<br>MERCURI, RA<br>BLAIN, DP |
| 08/872428 | 10-Jun-1997 | FLEXIBLE GRAPHITE COMPOSITE ARTICLE FOR PROTECTION AGAINST THERMAL DAMAGE      | KRASSOWSKI, DW<br>MERCURI, RA             |
| 08/937416 | 07-Oct-1997 | FIRE-RESISTANT SHEET MATERIAL  | FORD, BM<br>MERCURI, RA<br>WEBER, TW      |
| 09/015590 | 29-Jan-1998 | EXPANDABLE GRAPHITE AND METHOD   | GREINKE, RA                               |
| 09/088850 | 02-Jun-1998 | FLEXIBLE GRAPHITE COMPOSITE  | GOUGH, JJ<br>MERCURI, RA                  |

PATENT

|           |             |   |                          |
|-----------|-------------|---|--------------------------|
| 09/090054 | 03-Jun-1998 | ELECTRICALLY CONDUCTIVE SEAL FOR FUEL CELL ELEMENTS   | GOUGH, JJ<br>MERCURI, RA |
| 09/111139 | 07-Jul-1998 | FLEXIBLE GRAPHITE COMPOSITE   | GOUGH, JJ<br>MERCURI, RA |
| 09/112717 | 09-Jul-1998 | FLEXIBLE GRAPHITE COMPOSITE   | GOUGH, JJ<br>MERCURI, RA |
| 09/133237 | 13-Aug-1998 | FLEXIBLE GRAPHITE SHEET WITH DECREASED ANISOTROPY   | MERCURI, RA              |
| 09/136323 | 19-Aug-1998 | FLEXIBLE GRAPHITE COMPOSITE   | MERCURI, RA<br>GOUGH, JJ |
| 09/167865 | 07-Oct-1998 | FLEXIBLE GRAPHITE WITH NON-CARRIER PSA BACKING AND RELEASE LINER  | Tzeng, JW                |
| 09/178134 | 23-Oct-1998 | THERMAL INSULATING DEVICE FOR HIGH TEMPERATURE REACTORS WHICH UTILIZE HYDROGEN AND CHLOROSILANES AS REACTANTS | MERCURI, RA<br>BLAIN, DP |

PATENT

09/287899 07-Apr-1999 FLEXIBLE GRAPHITE ARTICLE WITH ENHANCED ISOTROPY  
MERCURI, RA  
WARDDRIP, ML  
CAPP, JP  
WEBER, TW

09/369974 06-Aug-1999 FLEXIBLE GRAPHITE COMPOSITE SHEET AND METHOD  
MERCURI, RA

09/393980 10-Sep-1999 METHOD OF FABRICATING A FLEXIBLE GRAPHITE LAMINATE WITH A METAL OR FIBERGLASS CORE  
OHNETH, EJ  
MERCURI, RA

09/459209 10-Dec-1999 THERMAL INSULATING DEVICE FOR HIGH TEMPERATURE REACTORS AND FURNACES WHICH UTILIZE HIGHLY ACTIVE CHEMICAL GASES  
BLAIN, DP  
MERCURI, RA