

05-02-2000

FR SHEET
JLY

Tab settings



To the Honorable Commissioner

101341218

one attached original documents or copy thereof.

1. Name of conveying party(ies):
The Chase Manhattan Bank, as Collateral Agent
270 Park Avenue
New York, NY 10017

- Individual(s)
- General Partnership
- Corporation-State
- Other
- Association
- Limited Partnership

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other Intellectual Property Release
- Merger
- Change of Name

Execution Date: February 22, 2000

2. Name and address of receiving party(ies)

Name: UCAR Carbon Technology Corp.

Internal Address:

Street Address: 39 Old Ridgebury Road

City: Danbury State: CT ZIP: 06817

- Individual(s) citizenship
- Association
- General Partnership
- Limited Partnership
- Corporation-State
- Other

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No

(Designations must be a separate document from assignment)

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

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

A. Trademark Application No.(s)

B. Trademark Registration No.(s)

SEE ATTACHED SCHEDULE

Additional numbers attached? Yes No

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

Name: Penelope Agodoa

Internal Address: Federal Research Corporation

Street Address: 400 Seventh St., NW Ste. 101

City: Washington State: DC ZIP: 20004

6. Total number of applications and registrations involved: 26

7. Total fee (37 CFR 3.41).....\$ 605.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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

0472872000 DNGUYEN 00000352 1301614

DO NOT USE THIS SPACE

01 FC:481 40.00 DP
02 FC:482 625.00 DP

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.

Cherylyn Brandt
Name of Person Signing

Signature

April 6, 2000
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment, TRADEMARK
Washington, D.C. 20231

REEL: 002063 FRAME: 0133

SCHEDULE II
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

TRADEMARKS, TRADEMARK REGISTRATIONS AND
TRADEMARK REGISTRATION APPLICATIONS

<i>Serial No. or Registration No.</i>	<i>Country</i>	<i>Issue or File Date</i>	<i>Mark</i>
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See Attached

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1099	Renewing		1301614	26-Jul-1998	
Country: Argentina			Owner: Union Carbide Corporation			26-Jul-1988		
			Agent: MARV Marval, O'Farrell & Mairal					
			Classes: 1					
			Remarks: Undertaking given by UCC to Messrs. Alexander Gross [Berlin] [ECCAR].					
			Assignment/change of name recorded 6/2/94.					
			Merger/change of name recorded 12/28/95.					
			Goods: Graphite and carbon for general industrial uses.					

UCAR		MR	1100	Renewing		1301621	26-Jul-1998	
Country: Argentina			Owner: Union Carbide Corporation			26-Jul-1988		
			Agent: MARV Marval, O'Farrell & Mairal					
			Classes: 9					
			Remarks: Undertaking given by UCC to Messrs. Alexander Gross [Berlin] [ECCAR].					
			Assignment/Change of name recorded 6/2/94.					
			Merger/Change of name recorded 12/28/95.					
			Goods: Electrodes and anodes and connecting pins for electrodes and anodes, electric dry cells and batteries and storage batteries.					

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1101	Renewing		A214,416	24-Oct-1998	
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Country: Australia

Owner: Union Carbide Corporation

Agent: CALL Callinan Lawrie

Classes: 1

Remarks: Associated with 187,860 and 214,417.

Assignment and Ch/Name recorded 1/22/93.

Merger & CH/Name recorded 1/15/97.

Goods: Graphite and carbon for general industrial uses.

UCAR

MR 1102

Registered

A214417 24-Oct-2002

Country: Australia

Owner: Union Carbide Corporation

Agent: CALL Callinan Lawrie

Classes: 9

Remarks: Associated with 187,860 and 214,416. Assignment & Ch/Name recorded 1/22/93. Merger & Ch/Name recorded Jan. 15, 1997.

Goods: Electrodes and anodes and connecting pins for electrodes and anodes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1104	Registered		60703	30-Nov-2007	
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Country: Austria

Owner: Union Carbide Corporation

Agent: PUCH Patentanwalt Puchberger

Classes: 4 22B-23

Remarks: Assignment/change of name recorded 4/28/92.
 Merger/change of name recorded 8/21/95.
 Shared with Ralston.

Goods: Class 4: Flashlights, electric flashlights, lighting and heating apparatus, electric lamps, electric lamp bulbs, electric torches and parts thereof, heat exchangers and parts thereof, carbons for electric lighting purposes. Class 22B, physical, chemical and electro-technical apparatus, flashlight apparatus, flashlight bulbs, industrial-chemical installations, industrial-chemical installations in the form of scrubbing, adsorption, fractionating and stripping, towers and columns and parts thereof. Pipes, tubes and valves all made of carbon and graphite and being parts of industrial-chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations. Class 23, apparatus for heating and hardening and plating metal, gas operated apparatus of this kind.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1105	Registered		1912	06-Jul-2001	
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Country: Belize

Owner: Union Carbide Corporation
Classes: 9

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 (Schedule IV) for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.

Remarks: 06-Jul-1987

UCAR

Country: Bolivia

MR 1106

Renewing

37050-A 29-Nov-1997

Owner: Union Carbide Corporation
Agent: LAND Landivar & Landivar

29-Nov-1987

Classes: 1

Remarks: Assignment to UCC Holdings recorded 12/5/90.
Assignment to UCC recorded 2/7/91.

Merger and change/name recorded 1/23/96.

Goods: Graphite and carbon for general industrial uses.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1107	Renewing		37043-A	29-Nov-1997	
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Country: Bolivia

Owner: Union Carbide Corporation

Agent: LAND, Landivar & Landivar

Classes: 9

Remarks: Assignment to UCC Holdings recorded 12/5/90.
 Assignment to UCC recorded 2/7/91.
 Merger and change/name recorded 1/23/96.

Goods: Electrodes and anodes and connecting pins for same.

UCAR		MR	1108	Registered		U.K. 1,000	06-Jul-2001	
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Country: Botswana

Owner: Union Carbide Corporation

Agent: ADAM Adams & Adams

Classes: 9

Remarks: Based on U.K. Reg. No. 896862 dated 7/6/66.
 Merger & ch/name recorded 1/10/96.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: Brazil		MR Owner: Union Carbide Corporation Classes: 6	1109	Registered		007175370 09-Mar-1990	09-Mar-2000	
Remarks: Merger/Ch of name recorded 6/11/96. Goods: Electrodes, anodes and connecting pins for electrodes and anodes.								
UCAR Country: Bulgaria		MR Owner: Union Carbide Corporation Agent: MAGA Magarita V. Harizanova Classes: 9	1110	Registered		9244 04-Dec-1993	04-Dec-2003	
Remarks: Assignment & Clv/name recorded. Merger/change of name 8/4/95. Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardenint metal, and carbon for electrical purposes.								
UCAR Country: Canada		MR Owner: Union Carbide Corporation Agent: SIM Sim & McBurney	1111	Registered		171356 18-Sep-1985	18-Sep-2000	
Remarks: Associated with Reg. No. 161262. Assignment and change/name recorded 11/23/90. Merger and change/name recorded. Goods: Graphite electrodes and connecting pins therefor.								

TRADEMARK

REEL: 002063 FRAME: 0140

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1113	Renewing		330814	18-May-1998	

Country: Chile

Owner: Union Carbide Corporation

Agent: ESTU; Estudio Federico Villaseca

Classes: 1 4 9

Remarks: Assignment and change/name recorded 2/7/90 and 4/6/90.
Merger and change/name recorded 3/15/96.

Goods: Natural mineral substances, elaborated and prepared for industrial use, especially graphite and carbon and all other goods in class 1.
Graphite and carbon used as lubricants or ingredients for various purposes, mineral greases and all other goods in class 4.
Electrodes, anodes and connecting pins for the same, electric batteries and dry cells (class 9).

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1114	Renewing		66,540	12-Feb-1993	
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Country: Colombia

Owner: Union Carbide Corporation

Agent: CAVE, Cavelier Abogados

Classes: 1

12-Feb-1988

Remarks: Shared with UCC.

Assignment and change name recorded 6/1/90.

Merger and change name recorded 2/13/98.

License from UCTC to UCCI recorded 3/24/98, resolution no. 4856.

Goods: Chemical substances used in the industries, in photograph and scientific investigations, in agricultural and horticultural works and especially graphite and carbond or lamblack for industrial purposes, articles covered under class 1 of beerce 755 of 1.972.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1117	Registered		1878/1969	11-Jul-1999	
Country: Denmark						11-Jul-1989		

Owner: Union Carbide Corporation
 Agent: BUDD Budde Schou & Co.
 Classes: 11

Remarks: Consent: Schtering A.G. in Denmark.
 Consent: Westvaco Corporation. Shared with Ralston.
 Assignment and change name recorded 5/7/90
 Merger and change name recorded 12/12/94.

Goods: Electric lamps and electric lamp bulbs electric flashlights, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, industrial chemical installations (not being machines), namely scrubbing, adsorption, fractionating and stripping towers and columns for gas an dparts of such towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of the mentioned industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating, installations, nuclear reactors, and carbons for electric lamps.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: Egypt		MR Owner: Union Carbide Corporation Agent: BAKI Bakir International Office Classes: 9	1118	Registered		46210 24-May-1990	24-May-2000	
Remarks: Assignment and change name published 3/1/92, issue 619. Merger and change name recorded 11/27/97.								
Goods: Electric batteries and electric dry cells, electrodes, anodes, connecting pins for electrodes and anodes being parts of these electrodes and anodes, carbon electrodes for use in motion picture projection apparatus.								

UCAR Country: El Salvador		MR Owner: Union Carbide Corporation Agent: RICA Ricardo Romero-Guzman Classes: 12 22	1119	Registered		16595/40 29-Jan-1994	29-Jan-1999	
Remarks: Assignment and change name recorded 7/10/90.								
Goods: Graphite and carbon for general industrial uses; electrodes and anodes and connecting pins for electrodes and anodes. Electric dry cells and batteries.								

Trademark List

First Use Date

Renewal Date

Registration Number/Date

Application Number/Filing

Status

Case Number

Attorney(s)

Division

Trademark Name

UCAR MR 1120 Pending 36590 01-Apr-1996

Country: European Community

Owner: Union Carbide Corporation

Designated Countries

- AT Pending
- BX Pending
- DE Pending
- DK Pending
- ES Pending
- FI Pending
- FR Pending
- GB Pending
- GR Pending
- IE Pending
- IT Pending
- MC Pending
- PT Pending
- SE Pending

Agent: GEVE Gevers & Partners

Classes: 1 2 9 19

Remarks:

Goods: Chemical products for use in industry, agriculture and personal care products, including synthetic organic chemicals and polymers, synthetic resins and plastics, adhesives, organic oxides, synthetic organic chemical solvents, chemical fuel additives, chemical viscosity improvers, de-icing fluids, compounds, compositions, and mixtures containing synthetic resins or plastics, carbon and graphite, and compounds, compositions and mixtures containing carbon or graphite, industrial gases, including acetylene, oxygen, hydrogen, nitrogen, argon, helium, neon, krypton and xenon and calcium carbide in Int. class 1. Chemical products for use in coatings, paints, varnishes and lacquers, metal and ceramic coating materials in Int. class 2. Electric dry cells and batteries, anodes, electrodes and cathodes, connecting pins for anodes and electrodes, and carbon and graphite for electrical purposes in Int. class 9. Products made partly or wholly of carbon and/or graphite in Int. class 19.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1121	Registered		50148	05-May-2007	

Country: Finland

Owner: Union Carbide Corporation

Agent: BERG Berggren OY AB

Classes: 9

Remarks: Merger and change name recorded
6/19/95.
Shared with Ralston.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal and carbons for electrical purposes and all other goods in class 9.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1122	Registered	736155	1408174	13-May-2007	
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Country: France

Owner: Union Carbide Corporation

Agent: RINU, Rinuy, Santarelli

Classes: 1 9 II

Remarks: Assignment and change name recorded 3/7/90.
Shared with Ralston.

Goods: Electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, scrubbing, adsorption, fractionating and stripping towers and columns, all being parts of industrial chemical installations (not being machines) and parts of such towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, nuclear reactors, and industrial chemical installations, and carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1124	Registered		863961	17-Jul-2007	

Country: Germany

Owner: Union Carbide Corporation

Agent: LOUI, Louis, Polilau, Lohrentz & Sege

Classes: 6 7 9 11 17 19

Remarks: Assignment and change name recorded 2/20/92.
 Merger Assignment and change name recorded 2/20/92.
 Shared with Ralston.

Goods: Electrical flashlight apparatus, electrical bulb cylinders; electric pocket lamps and parts thereof; gas operated apparatus for heating hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, chemical apparatus for scrubbing adsorption, fractionating and stripping towers and columns for industrial installations (not being machines), pipes, tubs and valves made of carbon and graphite and being parts of industrial chemical installations; shaped sections of carbon and graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial chemical installations, carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1126	Registered	U7439/9WZ	1147030	25-Feb-1999	
Country: Germany		Owner: Union Carbide Corporation			25-Feb-1989	25-Feb-1989		
		Agent: LOUI, Louis, Pohlau, Lohrentz & Sege						
		Classes: 9						
				Remarks: Assignment and change name recorded 2/20/92.				
				Remarks: Merger and change name recorded 1/19/98.				

Goods: Electrodes, anodes and connecting pins for electrodes and anodes.

UCAR		MR	1127	Registered		36265	30-Sep-2006	
Country: Greece		Owner: Union Carbide Corporation				30-Sep-1996		
		Agent: VAYA Vayanos Kostopoulos						
		Classes: 9						
				Remarks: Assignment and change name recorded 11/17/89.				
				Remarks: Merger and change name recorded 12/20/96.				
				Remarks: Shared with Ralston.				

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes, and all other goods included in class 9.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1128	Registered		37849	18-Jul-2007	

Country: Greece

Owner: Union Carbide Corporation

Agent: VAYA Vayanos Kostopoulos

Classes: 11

Remarks: Assignment and change name recorded 11/20/89.
 Merger and change name recorded 12/19/96.
 Shared with Ralston.

Goods: Electric flashlights, electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, scrubbing adsorption fractionating and stripping towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial chemical installations, and carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR			1129	Registered		20316	09-Jan-1999	

Country: Guatemala
 Owner: Union Carbide Corporation
 Agent: FERNANDEZ Y FERNANDEZ S.A.
 Classes: 9

Remarks: Assignment and change name recorded.
 Goods: Electricity, machinery, supplies and electric apparatus and accessories for producing power, heat, and lights, telephony, telegraphy and wireless telegraphy, radiography, radiotelephony and radiotelephone and radiotelegraphy and especially. Electrodes and anodes and connecting pins for electrodes and anodes, electric dry cells and batteries.

UCAR		MR	1130	Renewing		6826A	18-Jul-1998	
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Country: Guyana
 Owner: Union Carbide Corporation
 Agent: POON N.O. Poonai
 Classes: 1

Remarks: Assignment recorded.
 Change/name not filed per agent advice.
 Goods: Graphite and carbon for general industrial uses, and all other goods included in Class 1.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1131	Renewing		49671	15-Jul-1998	
Country: Honduras		Owner: Union Carbide Corporation				15-Jul-1988		
		Agent: BUFE, Bufete Mejia & Asociados						
		Classes: 9						
		Remarks: This is old Reg. No. 14,794 broken down into separate classes. Assignment and name change recorded 10/90.						
		Goods: Electric batteries, electrodes, anodes, cathodes and connecting pins for electrodes and anodes.						

UCAR			1132	Registered		116905	12-Oct-2003	
Country: Hungary		Owner: Union Carbide Corporation				12-Oct-1993		
		Agent: SBGK S.B.G.Z. & K. Patent and Law O						
		Classes: 9						
		Remarks: Assignment recorded 11/27/89; change/name recorded 7/10/90. Merger and change/name recorded 9/8/97. Shared with Ralston.						
		Goods: Electric dry cells, electric batteries, electrodes, anodes and connected devices.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1136	Registered		32598	21-Sep-2005	

Country: Israel
 Owner: Union Carbide Corporation
 Agent: MULF A.E. Mulford
 Classes: 11

Remarks: Assignment recorded 9/11/89.
 Merger and change name recorded 2/1/96.
 Shared with Ralston.

Goods: Flashlights not for photographic purposes, electric lamps and electric lamp bulbs, electric torches and parts thereof included in class 11, gas operated apparatus included in class 11 for heating, hardening and plating metal; heat exchangers (not being parts of machines) and parts thereof included in class 11, scrubbing, adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns included in class 11, and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations included in class 11, shaped sections of carbon or graphite for the construction and lining of furnaces cupolas, industrial heating installations and included in class 11. Nuclear reactors not included in other classes and industrial chemical installations included in class 11, carbons for electric lighting purposes, ARC carbons for use in motion picture projectors and in therapeutic apparatus.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1137	Renewing	220866	531802	28-Jul-1997	
Country: Italy					28-Jul-1967	28-Jul-1987		

Owner: Union Carbide Corporation
 Agent: BARZ Ing. Barzano & Zaardo Roma S.P

Classes: 11
 Remarks: Shared with Ralston.

Goods: Electric flashlights, electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchanger (not being parts of machines) and parts thereof, scrubbing adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns, and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial heating installations, nuclear reactors and industrial chemical installations and carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1138	Registered		14,925	16-May-2002	
Country: Kenya		Owner: Union Carbide Corporation				16-May-1988		
		Agent: KAPLAN, Kaplan & Stratton						
		Classes: 9						
		Remarks: Assignment recorded 11/15/89. Change name recorded 10/23/89.						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal and carbons for electrical purposes, and all other goods in class 9.						

UCAR		MR	1139	Registered		27/66	15-Feb-2001	
Country: Malawi		Owner: Union Carbide Corporation				15-Feb-1987		
		Agent: JOHN, John & Kernick						
		Classes: 9						
		Remarks: Assignment change name record 12/8/89. Merger and change name recorded 4/21/95.						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1140	Pending	92/08323			
Country: Malaysia			Owner: Union Carbide Corporation		26-Nov-1992			
			Agent: SHEA Shearn Delamore					
			Classes: 9					
								Remarks: Associated with 92/08322, 92/08321, 92/08320, 88/02536, R/18255.

Goods: Graphite electrodes and graphite dies, namely, specialty graphite for casting applications such as molds and dies.

UCAR		MR	1141	Pending	92/08320			
Country: Malaysia			Owner: Union Carbide Corporation		26-Nov-1992			
			Agent: SHEA Shearn Delamore					
			Classes: 1					
								Remarks: Associated with 88/02536 and R/18255.

Goods: Manufactured or processed carbon and graphite materials, namely, anodes, electrodes, specialties, flexible graphite and powders, processed refractory materials produced from carbon, graphite or ceramic materials, namely bricks, pastes, cement and thermocouple protection tubes, water spray-cooled systems and furnace operating systems for electric arc melting furnaces.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1142	Registered		142536	06-Sep-2002	
Country: Mexico								
Owner: Union Carbide Corporation								
Agent: BECE; Becerril, Coca & Becerril, S.								
Classes: 1								
Remarks: Assignment and change/name recorded.								
Merger recorded 2/20/95;								
change/name recorded 12/7/95.								
UCAR		MR	1143	Registered		146,448	06-Sep-2002	
Country: Mexico								
Owner: Union Carbide Corporation								
Agent: BECE; Becerril, Coca & Becerril, S.								
Classes: 21								
Remarks: Merger recorded 2/20/95.								
Change/name recorded 12/26/96.								
Goods: Graphite and carbon for general industrial uses.								
UCAR		MR	1144	Registered		85500	24-Oct-2002	
Country: New Zealand								
Owner: Union Carbide Corporation								
Agent: PARK; A.J. Park & Son								
Classes: 1								
Remarks: Assignment recorded.								
Merger and change name recorded per letter 12/8/95.								
Associated with Reg. No. 85501.								
Goods: Graphite and carbon for general industrial uses.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1145	Registered		85501	24-Oct-2002	
Country: New Zealand		Owner: Union Carbide Corporation				24-Oct-1988		
		Agent: PARK, A.J. Park & Son						
		Classes: 9						
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes.						
		Remarks: Assignment recorded. Merger and change name recorded.						
UCAR		MR	1147	Renewing		18420	20-Oct-1998	
Country: Nicaragua		Owner: Union Carbide Corporation				20-Oct-1988		
		Agent: GUY Guy J. Bendana Guerrero & Asso						
		Classes: 24						
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes. Electric dry cells and batteries.						
		Remarks: Assignment recorded 9/3/91. Change name recorded 10/23/91.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1149	Registered		30383	26-Jul-2001	
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Country: Panama

Owner: Union Carbide Corporation

Agent: ARIAS Arias, Fabrega & Fabrega

Classes: 1

Remarks: Based on Honduran Reg No. 14,794 due 1/1/88.
 Divisional registration of No. 14,528.
 Proof of renewal based on Honduran Reg. No. 14,794 recorded 2/19/90.
 Assignment and change name recorded 5/16/90.

Goods: Carbons and graphite and products made partially or totally of carbons or graphite, including structures for the construction of industrial equipments.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1150	Registered		14528	26-Jul-2001	
Country: Panama		Owner: Union Carbide Corporation				26-Jul-1991		
		Agent: ARIAS Arias, Fabrega & Fabrega						
		Classes: 9						

Remarks: Based on Honduran Reg. No. 14,794.
 Divisional registration of no. 14,528.
 Proof of renewal based on Honduran Reg. No. 14749, recorded 2/9/90.
 Assignment and change/name recorded.
 Merger and change/name recorded..

Goods: Electric batteries, therapeutic apparatus and oxygen, laser components and apparatus, electric and electronics, oceanographic apparatus, data processing equipment, arc carbons, electrodes, anodes and cathodes in the class, for fine electrics, pin joints for electrodes and anodes, brushes of carbon and graphite and blocks and brushes for machines and electrical apparatus.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1154	Renewing	126872	21-Oct-1987	21-Oct-1997	
Country: Paraguay		Owner: Union Carbide Corporation				21-Oct-1987		
		Classes: 1				Remarks: Assignment recorded 2/13/90. Change of name recorded 4/12/93. Merger and change name recorded 4/96.		
		Goods: Graphite and carbon for general industrial uses, and all other goods in class 1.						

UCAR		MR	1155	Renewing	126873	21-Oct-1987	21-Oct-1997	
Country: Paraguay		Owner: Union Carbide Corporation				21-Oct-1987		
		Agent: ABEN AbenteSaguier						
		Classes: 9				Remarks: Assignment recorded 2/13/90. Change of name recorded 4/12/93. Merger and change name recorded 4/96.		
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes, electric dry cells and batteries, and all other goods in class 9.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1156	Registered		12169	19-Jul-2002	
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Country: Peru

Owner: Union Carbide Corporation

Agent: ESTU; Estudio Barreda Moller

Classes: 1

Remarks: Opposition filed to application by Uniquimica S.A. to register UKOCAR on 12/28/87. Trademark Office issued Resolution No. 63426 dated 7/3/90 sustaining the opposition against applicant: confusingly similar to UCAR. Case closed.
 Assignment and change name recorded 6/20/90.
 Opposition to UNICAR dismissed on appeal 3/95.
 Merger and change name recorded 8/9/95.

Goods: Graphite and carbon for general industrial uses.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1157	Registered		12170	19-Jul-2002	
Country: Peru								
Owner: Union Carbide Corporation								
Agent: ESTU Estudio Barrada Moller								
Classes: 9								
Remarks: Opposition against Ukocar upheld; registration denied.								
Assignment and change/name recorded 6/20/90.								
Merger and change/name recorded 8/9/95.								
Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.								
UCAR		MR	1158	Registered		57120	02-Feb-2006	
Country: Russian Federation								
Owner: Union Carbide Corporation								
Agent: SOJUZ Sojuzpatent								
Classes: 9								
Remarks: Assignment and change/name recorded 9/10 and 9/11/90.								
Not required to record merger/change of name per agents.								
Ralston not interested in maintaining.								
Goods: Electric dry cells; electric batteries; electrodes; anodes; connecting pins for electrodes and anodes; electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1159	Registered	S/41618 08-May-1967	41618 08-May-1988	08-May-2002	
Country: Singapore		Owner: Union Carbide Corporation Agent: DREW Drew & Napier						
Classes: 9				Remarks:				
Goods: Electric cells, electric batteries, anodes, connecting pins for electrodes and anodes and electric apparatus for use on metals.								
UCAR		MR	1160	Registered		44159 17-Jun-1989	17-Jun-2003	
Country: Singapore		Owner: Union Carbide Corporation Agent: DREW Drew & Napier						
Classes: 11				Remarks:				
Goods: Carbon and graphite electrodes for electric furnaces; carbons for electrical purposes.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1161	Registered		65/5071	06-Dec-2005	
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Country: South Africa

Owner: Union Carbide Corporation

Agent: ADAM Adams & Adams

Classes: 9

Remarks: Associated with No. 65/3669.
 Assignment to UCC Holding recorded and RUS cancelled 7/17/90.
 Change/name recorded 2/15/91.
 Merger and change/name recorded 11/30/95.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes; electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal; and carbons for electrical purposes, and all other goods included in this class.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1162	Registered		535591	30-May-2007	

Country: Spain

Owner: Union Carbide Corporation

Agent: POLQ Carlos Polo

Classes: 9

Remarks: Consent: United Chemists Assoc.
 Ltd. in Spain.
 Assignment and cl/name recorded
 12/28/90.
 Merger and cl/name recorded
 2/2/95.

Goods: Electrodes and anodes and connecting pins for
 electrodes and anodes.
 Additional goods added 10/20/84: Scientific,
 electrical, optical, weighing and control
 appliances and instruments.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1163	Registered		540629	30-May-2000	
Country: Spain		Owner: Union Carbide Corporation				30-May-1970		

Agent: POLO, Carlos Polo

Classes: 11

Remarks: Consent: United Chemists Assoc. Ltd. in Spain.
 Consent to UCESA for I.R. UCARSEP.
 Merger and change/name recorded 2/2/95.

Goods: Electric flashlights, electric lamps and electric lamp bulbs; electric torches and parts thereof; gas operated apparatus for heating hardening and plating metal; heat exchangers (not being parts of machines) and parts thereof; scrubbing, adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns; and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations; shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations; nuclear reactors, and industrial chemical installations; and carbon for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1165	Registered		120714	18-Aug-2007	
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Country: Sweden

Owner: Union Carbide Corporation

Agent: ALBI, Albihus Patentbyra Stockholm A

Classes: 7 9 H

Remarks: (1) Consent: Puck Produits Chimiques (Ukapor) Sweden.
 (2) Consent: Schering A.G. in Sweden.
 (3) Consent: Speri S.P.A. in Sweden.
 (4) Consent: Ucan Greenman Ltd. In Sweden.
 (5) Consent: Westvaco Corporation.
 (6) Assignment and ch/name recorded 4/26/90.
 (7) Merger & ch/name recorded 1/5/96.
 (8) Shared with Ralston.

Goods: (Class 7): Electric apparatus for cutting and scarfing. (class 9): electric dry cells, electric batteries, electrodes, anodes, electric apparatus for welding, soldering, brazing and plating metal; carbons for electrical purposes; weighting, measuring and life-saving apparatus and instruments; coin and counterfreed apparatus; talking machines; cash registers; calculating machines; fire extinguishing apparatus. (Class 11): Electric apparatus for heating and hardening metal.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1166	Registered		122354	26-Jan-2008	
Country: Sweden								
Owner: Union Carbide Corporation								
Agent: ALBI Albihs Patentbyra Stockholm A								
Classes: 1								
Remarks: Assignment and cl/name recorded 4/26/90.								
Merger and cl/name recorded 1/5/96.								

Goods: Graphite and carbon for general industrial uses.

UCAR		MR	1167	Registered		43922	31-Oct-2000	
Country: Taiwan								
Owner: Union Carbide Corporation								
Agent: LEE Lee and Li								
Classes: 69								
Remarks: Assignment & cl/name recorded 7/27 and 9/7/90.								
Merger & cl/name not required to be recorded.								

Goods: Electrodes, anodes, connecting pins for electrodes and anodes and arc carbons, and all other goods in the other articles group of class 69.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1168	Registered		1005	06-Jul-2001	
Owner: Union Carbide Corporation Classes: 9 Remarks: Assignment and change/name not recorded. Not doing business in Tonga; allow to lapse per client.								
Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.								

UCAR		MR	1169	Renewing		896862	06-Jul-1997	
Owner: Union Carbide Corporation Classes: 9 Remarks: (1) Associated with No. 865,946. (2) consent: Ucan Greenman Ltd. In U.K. (3) Assignment cl/name recorded 1/17/92. (4) Merger recorded 1/26/95. (5) Change of name recorded. (6) Shared with Ralston.								
Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electric purposes.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1170	Renewing		909435	12-May-1998	

Country: United Kingdom

Owner: Union Carbide Corporation
Classes: 11

Remarks: (1) Associated with No. 896,862.
 (2) Consent: Ucan Greenman Ltd. In U.K.
 (3) Assignment & clv/name recorded 1/17/92.
 (4) Merger recorded 1/26/95.
 (5) Change of name recorded.

Goods: Graphite and carbon heating and lighting elements.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1171	Registered		1056849	29-Dec-2006	

Country: United Kingdom

Owner: Union Carbide Corporation

Agent: GSCP, The GSCP Partnership

Classes: 11

29-Dec-1975

Remarks: (1) Consent: Ucan Greenman Ltd. In U.K.
 (2) Assignment and cb/name recorded 1/17/92.
 (3) Merger recorded 1/26/95.
 (4) Change of name recorded.
 (5) Shared with Ralston.

Goods: Electric lamps and electric lamp bulbs; electric flashlights (not for photographic purposes); Electric torches; gas operated apparatus for the hardening and plating of metals by heat treatment; heat exchangers (not being parts of machines); scrubbing, adsorption, fractionating and stripping towers and columns for gas; industrial chemical installations; pipes, tubes and valves, all made of carbon and/or graphite and being parts or fittings for the aforesaid chemical installations; shaped linings of carbon or of graphite for furnaces, cupolas (furnaces), industrial heating installations and for nuclear reactors, carbons for electric lamps.

UCAR

Country: United States of America

Owner: Union Carbide Corporation
 Classes: 19

Goods: Graphite pipe slide support sets.

MR	1172	Registered		864455	04-Feb-2009
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Remarks: Merger & cb/name recorded 2/11/95.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1173	Registered		884511 20-Jan-1970	20-Jan-2000	
Country: United States of America		Owner: Union Carbide Corporation						
		Agent: MRD Margaret Ranft Day						
		Classes: 9						
		Goods: Electrolytic anodes.						
UCAR		MR	1174	Registered		893537 30-Jun-1970	30-Jun-2000	
Country: United States of America		Owner: Union Carbide Corporation						
		Agent: ACFT Assistant Commissioner for Tra						
		Classes: 19						
		Goods: Carbon brick.						
UCAR		MR	1175	Registered		909659 09-Mar-1971	09-Mar-2001	
Country: United States of America		Owner: Union Carbide Corporation						
		Agent: MRD Margaret Ranft Day						
		Classes: 24						
		Goods: Carbon and graphite fabrics.						

2

Remarks: Merger & clb/name recorded
2/11/95.

3

Remarks: Merger & clb/name recorded
2/21/95.

4

Remarks: Merger & clb/name recorded
2/21/95.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: United States of America	MR	MR Owner: Union Carbide Corporation Classes: 19	1178	Registered	10/14/94. Remarks: Merger and clb/name recorded	967344 04-Sep-1973	04-Sep-2003	
<p>Goods: Pastes and cements for use with or between carbon and graphite and between carbon or graphite and other substances for use in gas lines, furnaces, thermic applications, electrolytic apparatus, and construction work in the chemical and metallurgical industries, and pastes and cements for use in making molds, temporary walls, and protective layers in welding operations.</p>								
UCAR Country: United States of America	MR	MR Owner: Union Carbide Corporation Classes: 9	1180	Registered	2/21/95. Remarks: Merger & clb/name recorded	973945 27-Nov-1973	27-Nov-2003	
<p>Goods: Metal ceramic thermocouple protecting tubes.</p>								
UCAR Country: United States of America	MR	MR Owner: Union Carbide Corporation Classes: 1	1182	Registered	2/21/95. Remarks: Merger & clb/name recorded	1008278 08-Apr-1975	08-Apr-2005	
<p>Goods: Unmachined carbon and graphite.</p>								

TRADEMARK

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: United States of America	MR	1184 Owner: Union Carbide Corporation Classes: 19 Goods: Graphite pipe.	Registered	73/018646 12-Apr-1974 Remarks: Merger & clv/name recorded 2/21/95.	1014143 24-Jun-1975	24-Jun-2005		
UCAR Country: United States of America	MR	1185 Owner: Union Carbide Corporation Classes: 9 Goods: Carbon electrodes.	Registered	1016291 22-Jul-1975	22-Jul-2005			
UCAR Country: United States of America	MR	1186 Owner: Union Carbide Corporation Classes: 1 Goods: Graphite powder for various uses in the industrial arts.	Registered	1173765 20-Oct-1981 Remarks: 8 & 15 Affidavit accepted 5/6/88. Merger & clv/name recorded 2/21/95.	20-Oct-2001			

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1187	Registered		1496686	19-Jul-2008	
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Country: United States of America

Owner: Union Carbide Corporation
Classes: 11

Remarks: (1) Opposition filed against Icar, 11/7/88.

(2) 8 & 15 affidavit accepted 2/28/94.

(3) Merger & clb/name recorded 2/21/95.

Goods: Electric arc furnace components, namely, side walls, exhaust ports, exhaust hoods, ladle furnace covers and parts thereof, in class 11. (U.S. Cl. 34)

UCAR

Country: United States of America

Owner: Union Carbide Corporation
Classes: 9

			1188	Registered	74/095358	1692647	09-Jun-2002	
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Remarks: Merge & clb/name recorded 10-Sep-1990 09-Jun-1992
2/21/95. 8 & 15 filed 6/5/98.

Goods: Furnace operating systems for monitoring, controlling and reporting on the various functions, processes and parameters of electric arc furnaces; chemistry management systems for monitoring the chemical makeup of furnace contents in International Class 9.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1189	Registered	74/240160	1756549	09-Mar-2003	
Country: United States of America Owner: Union Carbide Corporation Classes: 9 Remarks: Merger & cl/name recorded 2/21/95.								
Goods: Graphite electrodes and connecting pins for use in the steel and other metals manufacturing industries and the ceramic refractory materials industry, in Class 9 (U.S. Cl. 21).								
UCAR		MR	1190	Registered		246632	23-Apr-2002	
Country: Uruguay Owner: Union Carbide Corporation Agent: BARB Barbosa Caravia & Co. Classes: 9 Remarks: Assignment and change/name recorded 5/10/90. Change of name and address re: merger recorded 1/31/96. Merger and change/name recorded 8/12/96.								
UCAR		MR	1191	Renewing		65826-F	07-Jul-1996	
Country: Venezuela Owner: Union Carbide Corporation Agent: BENT Bentata Hoet & Asociados Classes: 21 Remarks: Assignment, cl/name recorded 3/17/92.								
Goods: Electrodes and anodes and connecting pins for electrodes and anodes; electric dry cells and batteries.								

13

TRADEMARK

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1192	Pending	13888			
Country: Venezuela		Owner: Union Carbide Corporation			04-Aug-1988			
		Agent: BENT Bentata Hoet & Asociados						
								Remarks: Appln. Replaces reg no. 65,825-F lapsed due to failure by Balogh to renew.
UCAR		MR	1193	Renewing	Z586/73	23099	25-Jun-1998	
Country: Yugoslavia		Owner: Union Carbide Corporation			25-Jun-1978	25-Jun-1988		
		Agent: MIKI Mikijelj & Jankovic						
		Classes: 9						Remarks: Assignment & cl/name recorded. All renewals under the number 30,000 must file a request for resumption of file which must be filed with the request for renewal. Merger cl/name recorded 11/97.
		Goods: Graphite and carbon for general industrial use						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1194	Registered		724/65	06-Dec-2000	
Country: Zambia		Owner: Union Carbide Corporation				06-Dec-1965		
		Agent: ADAM Adams & Adams						
		Classes: 9						
		Goods: Electric dry cells, electric batteries, electrodes, anodes connecting pins for electrodes and anodes; electric welding apparatus (not machines); carbons for electrical purposes (other than for lighting); electric soldering irons; foundry moulds and foundry cores, all made of carbon or of graphite.						
								Remarks: Merger & cl/name recorded 8/8/95.

UCAR		MR	1195	Registered		994/65	06-Dec-2006	
Country: Zimbabwe		Owner: Union Carbide Corporation				06-Dec-1996		
		Classes: 9						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes; electric welding apparatus (not machines); carbons for electric purposes (other than for lighting); electric soldering irons; foundry moulds and foundry cores, all made of carbon or of graphite.						
								Remarks: Assignment & cl/name recorded 9/28/89.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR (STYLIZED)		MR	1196	Pending	97/703816			

Country: Russian Federation

Owner: Union Carbide Corporation

Agent: SOJUZ Sojuzpatent

Classes: 1 9

Goods: Manufactured or processed carbon and graphite materials, namely, anodes, electrodes, cathodes, specialties, flexible graphite and powders, processed refractory materials, namely bricks, pastes, cements and thermocouple protection tubes; water spray-cooled systems and furnace operating systems for electric arc melting furnaces; graphite dies, namely specialty graphite for casting applications such as molds and dies.

Remarks:

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR IN GREEK	MR	1197	Registered	87155	04-Nov-1987	04-Nov-2007		

Country: Greece

Owner: Union Carbide Corporation
 Agent: VAYA Vayanos Kostopoulos
 Classes: 7 9

Remarks: Appln. Replaces Reg. No. 38,614
 lapsed due to non-renewal by Balogh in 1977.
 Assignment/change/name recorded 11/2/89.
 Merger & cl/name recorded 1/12/96.
 Shared with Ralston.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal (class 7), and carbons for electric purposes and all other goods in class 9.

UCAR-323

Country: United States of America	MR	1198	Registered	74/591040	2004989	01-Oct-2006
Owner: Union Carbide Corporation	Classes: 17			27-Oct-1994	01-Oct-1996	

Goods: Seals, gaskets, gasket sheet materials manufactured from composites of glass fiber and polytetrafluoroethylene for use in sealing gases or fluids in piping, flanges, valves and pumps, in International Class 17.

Remarks:

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UNICARBON		MR	1199	Registered	815496443	815496443	29-Nov-2004	

Country: Brazil

Owner: Union Carbide Corporation

Agent: DANIEL Daniel & Cia

Classes: 1

Goods: Produtos industrializados a base de carbono e grafita para fins industriais, nucleares ou qualquer outro. (Industrialized products carbon and graphite base for industrial and nuclear purposes and any other.)

Remarks: Merger & clv/name recorded.

Set aside
I.P.
Coventry Agreement

Thursday, November 05, 1998 Page: 1

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
C-CAT	MR	UCAR Carbon Technology Corp.	1003	Registered	74/45328 08-Nov-1993	2051081 08-Apr-1997	08-Apr-2007	25-Feb-1995

Owner: UCAR Carbon Technology Corp.
Classes: 1
Goods: Carbonaceous cement catalyst for joining or bonding carbon and graphite products, namely, electrodes, bricks, cathode blocks, specialty graphite and refractory shapes

15

DURABURN	GSPEC MR	UCAR Carbon Technology Corp.	1202	Pending				
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Owner: UCAR Carbon Technology Corp.
Classes: 1, 17, 19
Goods: graphite blocks for use in electric discharge machining

14

DURACAST	GSPEC MR	BUDD Budde Schou & Co.	1005	Registered	0592/95 25-Jan-1995	2532/95 21-Apr-1995	21-Apr-2005	
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Owner: UCAR Carbon Technology Corp.
Agent: BUDD Budde Schou & Co.
Classes: 19
Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST Country: Finland	GSPEC MR	UCAR Carbon Technology Corp. BERG Berggren OY AB	1006	Registered	490/95 30-Jan-1995	143965 20-May-1996	20-May-2006	
	Classes: 1			Remarks				
	Goods:	Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals						
DURACAST Country: France	GSPEC MR	UCAR Carbon Technology Corp. RINU Rinuy, Santarelli	1007	Registered		95/559,893 23-Feb-1995	23-Feb-2005	
	Classes: 19			Remarks				
	Goods:	Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals						
DURACAST Country: Germany	GSPEC MR	UCAR Carbon Technology Corp. LOUI Louis, Pohlau, Lohrentz & Sege	1008	Registered	395036054 28-Jan-1995	39503605 28-Sep-1995	28-Sep-2005	
	Classes: 19			Remarks				
	Goods:	Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.						
DURACAST Country: Ireland, Republic of	GSPEC MR	UCAR Carbon Technology Corp.	1009	Registered	1146/95 17-Feb-1995	173285 17-Feb-1995	17-Feb-2002	
	Classes: 1			Remarks:				
	Goods:	Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST Country: Israel	GSPEC MR	1010 Owner: UCAR Carbon Technology Corp. Agent: MULF A E Mulford	Registered	96718 26-Jan-1995	96718 08-Oct-1996	25-Jan-2002		
	Classes: 19	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals							
DURACAST Country: Italy	GSPEC MR	1011 Owner: UCAR Carbon Technology Corp. Agent: BARZ Ing. Barzano & Zaurdo Roma S.P.	Registered	95C/000868 22-Feb-1995	712925 13-Jun-1997	22-Feb-2005		
	Classes: 1	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals							
DURACAST Country: Norway	GSPEC MR	1012 Owner: UCAR Carbon Technology Corp. Agent: BERG Bergen Patentkontor	Registered	95/0653 02-Feb-1995	173947 06-Jun-1996	06-Jun-2006		
	Classes: 19	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals							
DURACAST Country: Portugal	GSPEC MR	1013 Owner: UCAR Carbon Technology Corp. Agent: CUNH A.G. Da Cunha Ferreira L.D.A.	Registered	306816 27-Jan-1995	306816 03-Jan-1996	03-Jan-2006		
	Classes: 19	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals							

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST Country: Spain	GSPEC MR	MR	1014	Registered		1948738 02-Feb-1995	02-Feb-2005	
Owner: UCAR Carbon Technology Corp. Agent: POLO Carlos Polo Classes: 1 Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
DURACAST Country: Sweden	GSPEC MR	MR	1015	Registered	95-0785 24-Jan-1995	307141 22-Dec-1995	22-Dec-2005	
Owner: UCAR Carbon Technology Corp. Agent: ALBI Albilms Patentbyra Stockholm A Classes: 1 Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
DURACAST Country: United Kingdom	GSPEC MR	MR	1016	Registered	2009155 27-Jan-1995	2009155 27-Jan-1995	27-Jan-2005	
Owner: UCAR Carbon Technology Corp. Agent: GRAN Grant, Spencer, Cutsley & Port Classes: 1 Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
DURACAST Country: United States of America	GSPEC MR	MR	1017	Registered	74/454090 04-Nov-1993	2003368 24-Sep-1996	24-Sep-2006	
Owner: UCAR Carbon Technology Corp. Classes: 19 Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								

17

Thursday, November 05, 1998

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURAPRESS Country: United States of America	GSPEC	MR	1200	Pending	75/517643 13-Jul-1998			
Owner: UCAR Carbon Technology Corp. Classes: 1 Goods: artificial graphite for use in industrial hot pressing of metallic powders								
EXPANDOGRAF Country: United States of America		MR	1023	Registered	75/194888 08-Nov-1996	2189843 15-Sep-1998	15-Sep-2008	23-Dec-1997
Owner: UCAR Carbon Technology Corp. Classes: 17 Goods: Flexible graphite sheet gasket material for use in industrial applications								

18

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFGUARD

MR 1027 Published 327,031

Country: European Community

Owner: UCAR Carbon Technology Corp. 20-Aug-1996

Designated Countries

Agent: GEVE Gevers & Partners

- Published
- BX Published
- DE Published
- DK Published
- ES Published
- FI Published
- FR Published
- GB Published
- GR Published
- IE Published
- IT Published
- MC Published
- PT Published
- SE Published

Classes: 1

Goods: Graphite particles for use in the manufacture of fire retardant products in int class 1.

Remarks:

GRAFGUARD

MR 1028 Registered

11309796 4166366 10-Jul-1998

Country: Japan

Owner: UCAR Carbon Technology Corp

Agent: SUZU Suzuye & Suzuye

Classes: 1

Remarks: Renewal due between 6/1/97 and 7/10/98

Goods: Graphite particles for use in the manufacture of fire retardant products, in Int Class 1.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFGUARD		MR	1029	Registered	75/106979	2111370	04-Nov-2007	

Country: United States of America

Owner: UCAR Carbon Technology Corp.
Classes: 9

Remarks: 20-May-1996 04-Nov-1997
Also searched charge
Applicant is owner of Reg. Nos
1,681,196 for grafoil and 1,812,925
for Grafkote (by Examiner's
Amendment of 10/21/96).

Goods: Graphite particles for use in the manufacture of
fire retardant products

19

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFKOTE		MR	1030	Registered	74/217903	1812925	21-Dec-2003	

Country: United States of America
 Owner: UCAR Carbon Technology Corp
 Classes: 17

Remarks: 01-Nov-1991 21-Dec-1993
 Also conducted full searches for Graphkoke Grafleone and Graphlene. Additional preliminary searches were conducted for Monofilm, Monograf, Monofoil, Soloscal, Solograf, Grafplas, Grafplus, Grafilm, Thermocarb, Plasti-Kote, Super-Graf, Tuff-Foil and Extra.

Consent given by Dixon Ticonderoga to use GRAFKOTE for restricted goods: flexible graphite and polymer composite sheets and rolls

Goods: Flexible graphite and polymer composite sheets and rolls for use as gaskets in the fluid sealing and internal combustion engine industries.

GRAFLITE		MR	1203	Pending				
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Country: United States of America
 Owner: UCAR Carbon Technology Corp
 Classes: 1

Remarks: 21-Oct-1998
 TTU application filed via express mail 10/21/98

Goods: natural graphite-based blocks and shapes for use in industrial high temperature applications.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1034	Renewing		1278798	08-Mar-1998	
Country: Argentina		Owner: UCAR Carbon Technology Corp.				08-Mar-1988		
		Agent: MARV Marval, O'Farrell & Mairal						
		Classes: 22						
		Remarks: (See also Reg. No. 1,278,797). Assignment filed for recordal 3/1/90; recorded 8/3/92. License filed 5/9/90.						
		Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbon, foam, strands, filaments, for textile use.						
GRAFOIL		MR	1035	Renewing		1278797	08-Mar-1998	
Country: Argentina		Owner: UCAR Carbon Technology Corp.				08-Mar-1988		
		Agent: MARV Marval, O'Farrell & Mairal						
		Classes: 17						
		Remarks: (This is old Reg. No. 897,212 split between classes 17 and 22) Assignment filed 3/1/90, recorded 8/28/92. License filed 5/9/90						
		Goods: Carbon and graphite in the form of flexible webs, cloth, individual or laminated sheets, strips, tapes, ribbon, foam, strands, filaments, other than for textile use.						
GRAFOIL		MR	1036	Registered		1381802	31-May-2000	
Country: Argentina		Owner: UCAR Carbon Technology Corp.				31-May-1990		
		Agent: MARV Marval, O'Farrell & Mairal						
		Classes: 17						
		Goods: Gaskets and packing rings						
		Remarks:						

TRADEMARK

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1037	Registered		A288753	11-Jul-2006	
Country: Australia		Owner: UCAR Carbon Technology Corp.				11-Jul-1982		
		Agent: CALL Callinan Lawrie						
		Classes: 17						
		Goods: Carbon and graphite in the form of sheets, strips, tapes and ribbons, all of the foregoing being foil or laminates of foil and all being goods included in this class.						
								Remarks: Assignments recorded 11/10/89.
GRAFOIL		MR	1038	Registered	750133090	750133090	14-Nov-2004	
Country: Brazil		Owner: UCAR Carbon Technology Corp.			16-Jul-1975	14-Nov-1995		
		Agent: DANI Daniel & Cia						
								Remarks: Opposition filed against Nacional de Grafite Ltda. - GRAFOIL appln No. 820695084 - 9/98.
								Opposition filed against Juntafit Ind e Com - GRAFOIL reg. No. 816459495 - court action pending as of 10/98
								Goods:

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1040	Registered		137196	04-Sep-2009	
Country: Canada		Owner: UCAR Carbon Technology Corp.				04-Sep-1964		
		Agent: SIM Sim & McBurney						
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts. Amended 9/26/69 to include gaskets and packing rings. Amended 7/31/73 to include graphite foam		Remarks:				
GRAFOIL		MR	1041	Registered	162830	162830	28-Sep-2002	
Country: China		Owner: UCAR Carbon Technology Corp.			30-Sep-1982	29-Sep-1992		
		Agent: CCPIT CCPIT Patent and Trademark Law						
		Classes: 15						
		Goods: Carbon and Graphite flexible webs, sheets, strips, tape, foam, strands and filaments.		Remarks: Assignment and license recorded.				

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFOIL		MR	1042	Registered	375258	206335	28-Jan-2008	
Country: Colombia		Owner: UCAR Carbon Technology Corp			11-Feb-1993	29-Jan-1998		
		Agent: CAVE Cavelier Abogados						

Classes: 17

Remarks: This record was entered for purposes of the opposition to Grafon lby Textiles de Asbestos LTDA - opposition successful 12/97 Venezuelan Reg. No. 84,627-F dated 7/22/77 cited as priority.

Goods: Rubber, gutta-percha, gum asbestos, mica and goods made from these materials and not included in other classes; plastics in extruded form for use in manufacture; packing, stopping and insulating materials; flexible pipes, not of meta:

GRAFOIL		MR	1043	Registered	375259	152993	28-Feb-2004	
Country: Colombia		Owner: UCAR Carbon Technology Corp			11-Feb-1993	28-Feb-1994		
		Agent: CAVE Cavelier Abogados						

Classes: 1

Remarks: Opposition to GRAFOIL pending as of 10/98.

Goods:

Trademark List

Trademark Name

GRAFOIL

Country: Denmark

Division

Attorney(s)

MR

Case Number

1044

Status

Registered

Application Number/Filing

674/1981

Renewal Date

13-Feb-2001

First Use Date

13-Feb-1981

Owner: UCAR Carbon Technology Corp.

Agent: BUDD Budde Schou & Co.

Classes: 17

Goods: Flexible webs, cloths, individual or laminated sheets, strips, ribbons and foam. All the said goods made wholly of carbon and graphite for use as packing materials, including packing rings, and as insulating and sealing materials

Remarks: Assignment recorded 2/7/90.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1045	Registered	37291	37291	01-Apr-2006	

Country: European Community

Owner: UCAR Carbon Technology Corp

Agent: GEVE Gevers & Partners

28-Jan-1998

01-Apr-1996

Classes: I 17
Remarks:

Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands and filaments in Int Class 1. Gaskets, packing rings, insulating and sealing materials in Int Class 17.

Designated Countries	Status
AT	Registered
BX	Registered
DE	Registered
DK	Registered
ES	Registered
FI	Registered
FR	Registered
GB	Registered
GR	Registered
IE	Registered
IT	Registered
MC	Registered
PT	Registered
SE	Registered

Trademark List

Trademark Name GRAFOIL
 Country: Finland
 Division MR
 Attorney(s) UCAR Carbon Technology Corp
 Case Number 1046
 Status Registered
 Application Number/Filing 7,816
 Registration Number/Date 06-Oct-1980
 Renewal Date 06-Oct-2000
 First Use Date

Owner: UCAR Carbon Technology Corp
 Agent: BERG Berggren OY AB
 Classes: 17

Remarks: Assignment recorded 12/31/89.
 License recorded 12/14/89.

Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.

GRAFOIL
 Country: Greece
 Division MR
 Attorney(s) UCAR Carbon Technology Corp
 Case Number 1047
 Status Registered
 Application Number/Filing 59,625
 Registration Number/Date 05-Sep-1997
 Renewal Date 05-Sep-2007
 First Use Date

Owner: UCAR Carbon Technology Corp.
 Agent: VAYA Vayanos Kostopoulos
 Classes: 17

Remarks: Assignment recorded 1/24/90.
 Petition to record license filed

Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing ring.

GRAFOIL
 Country: Ireland, Republic of
 Division MR
 Attorney(s) UCAR Carbon Technology Corp
 Case Number 1050
 Status Registered
 Application Number/Filing 6094/92
 Registration Number/Date 18-Nov-1992
 Renewal Date 18-Nov-1999
 First Use Date

Owner: KELL F.R. Kelly & Co
 Classes: 1

Remarks:

Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts, graphite foam in class 1.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1051	Registered	6095/92	154739	18-Nov-1999	
Country: Ireland, Republic of								
Owner: UCAR Carbon Technology Corp								
Agent: KELL F.R. Kelly & Co.								
Classes: 17								
Remarks: Associated with GRAFOIL appln. No. 6094/92								
Worldwide consent with Societe Gravograph (GRAVOFOIL).								
GRAFOIL		MR	1052	Registered		1664036	23-Feb-2004	
Country: Japan								
Owner: UCAR Carbon Technology Corp								
Agent: SUZU Suzuye & Suzuye								
Classes: 34								
Remarks: Original certificate lost (sent to Traub 3/84) Assignment recorded 11/5/90.								
GRAFOIL		MR	1053	Registered	6371488	2326663	30-Aug-2001	
Country: Japan								
Owner: UCAR Carbon Technology Corp.								
Agent: SUZU Suzuye & Suzuye								
Classes: 16								
Remarks: This replaces Reg. No. 1,247,556 Lapsed due to failure by Balogh to renew.								
Goods: Flexible webs, knittings, felts, non-woven fabrics, tapes and ribbons, all made of carbon or graphite, and all other goods in the class.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1056	Registered		201991	10-Jan-2002	
Country: Mexico		Owner: UCAR Carbon Technology Corp. Agent: BECE Becerrill, Coca & Becerril, S. Classes: 35				10-Jan-1992		
			Goods: Gaskets and packing rings	Remarks: Assignment and license recorded 2/9/93.				
GRAFOIL		MR	1057	Registered		202353	10-Jan-2002	
Country: Mexico		Owner: UCAR Carbon Technology Corp. Agent: BECE Becerrill, Coca & Becerril, S. Classes: 13				10-Jan-1992		
			Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments	Remarks: Assignment and license recorded 2/3/93.				
GRAFOIL		MR	1058	Registered		120039	12-Jul-2012	
Country: New Zealand		Owner: UCAR Carbon Technology Corp. Classes: 17				12-Jul-1984		
			Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings	Remarks: Assignment recorded 8/21/90.				

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1059	Registered		104052	17-Jan-2000	
Country: Norway		Owner: UCAR Carbon Technology Corp. Agent: BERG Bergen Patentkontor				17-Jan-1990		
Classes: 17		Remarks: Assignment and license recorded 10/4/89						
Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings								
GRAFOIL		MR	1061	Registered		95298	17-Dec-2017	
Country: Philippines		Owner: UCAR Carbon Technology Corp Agent: SIGU Siguin Reyna, Montecillo & On				17-Dec-1997		
Classes: 9		Remarks: This application replaces Reg. No 25,533						
Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts.								
GRAFOIL		MR	1064	Registered		75/3634	14-Jul-2005	
Country: South Africa		Owner: UCAR Carbon Technology Corp Agent: ADAM Adams & Adams				14-Jul-1995		
Classes: 17		Remarks: Assignment recorded 9/7/90						
Goods: Carbon and Graphite in the form of flexible webs, cloths, individual filaments, gaskets and packing rings.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1065	Registered	165401	165401	10-Nov-2008	
Country: Sweden		Owner: UCAR Carbon Technology Corp			10-Nov-1978	10-Nov-1988		
		Agent: ALBI Albitus Patentbyra Stockholm A						
		Classes: 10						
		Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.						
		Remarks: Assignment recorded 2/23/90.						
GRAFOIL		MR	1068	Pending	87013219			
Country: Taiwan		Owner: UCAR Carbon Technology Corp			24-Mar-1998			
		Agent: LEE Lee and Li						
		Classes: 17						
		Goods: Gaskets and packing rings.						
		Remarks: [Replaces 87,440 - covered goods not in use]						
GRAFOIL		MR	1069	Pending	87013218			
Country: Taiwan		Owner: UCAR Carbon Technology Corp			24-Mar-1998			
		Agent: LEE Lee and Li						
		Classes: 1						
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands, and filaments for general use in industry.						
		Remarks: Replaces 87,440 (covered goods not in use)						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFOIL		MR	1070	Registered	59627	99456	12-Sep-2007	
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Owner: UCAR Carbon Technology Corp
 Agent: DERIS Deris Patents and Trademark Ag

Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.
 Remarks: Assignment recorded 1990.

GRAFOIL		MR	1071	Registered	938730	938730	25-Feb-2004	
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Owner: UCAR Carbon Technology Corp
 Agent: GRAN Grant, Spencer, Caisley & Port
 Classes: 17

Remarks: Consent obtained from Courtaulds Ltd 1/20/71.
 Assignment recorded 4/22/91

Goods: Carbon and graphite, all being foil or laminates of foil and in the form of sheets, strip, tapes and ribbons, all for use in manufactures, gaskets and packing rings, all made from the aforesaid materials.

GRAFOIL		MR	1072	Registered		758239	15-Oct-2003	
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Owner: UCAR Carbon Technology Corp
 Classes: 1

Remarks: High Temperature Materials, Inc merged with UCC 3/1/66, recorded 3/29/66, Reel 136 Frame 26.

Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts.

21

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1073	Registered		850235 04-Jun-1988	04-Jun-2008	
Country: United States of America		Owner: UCAR Carbon Technology Corp Classes: 17		Remarks:				
		Goods: Gaskets and packing rings.						
GRAFOIL		MR	1204	Pending				
Country: United States of America		Owner: UCAR Carbon Technology Corp Classes: 1		Remarks:	21-Oct-1998			
		Goods: Graphite paste for use as a pipe thread sealant or thread lubricant; injectable graphite particle packing for use in packing stuffing boxes on valves, pumps or sliding joints		New application filed after H196891 cancelled.				
GRAFOIL		MR	1076	Registered	84627	84627	22-Jul-2007	
Country: Venezuela		Owner: UCAR Carbon Technology Corp Agent: VALI. Vallina Grisanti & Asociados Classes: 1		Remarks:	22-Jul-1992			
		Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments		Assignment recorded 1/3/94. Oppositions filed against GRAFOIL. Applications filed by Juan Fernandez Martinez; pending as of 10/98				

Trademark List

Division Attorney(s) Case Number Status Application Number/Filing Registration Number/Date Renewal Date First Use Date

GRAFOIL AND CHINESE MR 1077 Registered 124151 16-Nov-1989

Country: Taiwan
 Owner: UCAR Carbon Technology Corp.
 Agent: LEE Lee and Li
 Classes: 92
 Goods: Gaskets and packing rings
 Remarks: Assignment recorded 11/15/89.
 License recorded 4/10/90

GRAFOIL AND KOREAN MR 1079 Registered 68805 24-Apr-1990

Country: Korea, South
 Owner: UCAR Carbon Technology Corp.
 Agent: KIM Kim, Shin & Yu
 Classes: 16
 Goods: Natural graphite and graphite.
 Remarks: Assignment recorded 4/17/90.
 License and address change recorded 6/15/93.

GRAFOIL IN KATAKANA MR 1080 Registered 1756787 25-Mar-1995

Country: Japan
 Owner: UCAR Carbon Technology Corp.
 Agent: SUZU Suzuye & Suzuye
 Classes: 34
 Goods: Individual or laminated sheets, strips and foam, all made of carbon or graphite, and all other goods in the class.
 Remarks: Assignment recorded 11/5/90

GRAFSHIELD MR 1201 Pending 75517612 13-Jul-1998

Country: United States of America
 Owner: UCAR Carbon Technology Corp.
 Classes: 1
 Goods: plates, cylinders and other materials for use as industrial heat shields, baffles or seals
 Remarks:

23

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAPHII-TOOL Country: Ireland, Republic of	MR	UCAR Carbon Technology Corp. Agent: KELL F.R. Kelly & Co.	1084	Registered	610092 18-Nov-1992	154737 18-Nov-1992	18-Nov-1999	
Classes: 7 Goods: Graphite tooling systems used in tooling carbon and/or graphite composites for use in the defense, satellite and aerospace industries Remarks:								
GRAPHII-TOOL Country: Taiwan	MR	UCAR Carbon Technology Corp. Agent: LEE Lee and Li	1085	Registered	81663363 23-Dec-1992	614602 10-Oct-1993	30-Sep-2003	
Classes: 84 Goods: Graphite tooling machines Remarks:								
GRAPHII-TOOL Country: United Kingdom	MR	UCAR Carbon Technology Corp. Agent: GRAN Grant, Spencer, Caisley & Port	1086	Registered		1518774 13-Nov-1992	13-Nov-1999	
Classes: 7 Goods: Machine tools, parts and fitting for all the aforesaid goods, all included in Class 7. Remarks:								
GRAPHII-TOOL Country: United States of America	MR	UCAR Carbon Technology Corp. Classes: 7	1087	Registered	073356 27-Jun-1990	1702837 28-Jul-1992	28-Jul-2002	
Goods: Graphite tooling systems used in tooling carbon and/or graphite composites for use in the defense, satellite and aerospace industries. Remarks: Section 8 & 15 accepted 1/23/98								

TRADEMARK

REEL: 002063 FRAME: 0205

18

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GSP		MR	1088	Registered	723111	1546426	04-Jul-2009	09-Sep-1987
Country: United States of America								
Owner: UCAR Carbon Technology Corp. Classes: 17								
Goods: Flexible graphite packing material used for fluid sealing in pumps and valves in the valve and pump packing industry.								
Remarks: Sections 8 & 15 accepted 12/11/95								
GTS		MR	1089	Registered	784266	1569027	05-Dec-1999	07-Apr-1988
Country: United States of America								
Owner: UCAR Carbon Technology Corp.								
Agent: ACFT Assistant Commissioner for Trade								
Classes: 1								
Goods: Graphite paste used as pipe thread sealant, in Class 1.								
Remarks: Sections 8 & 15 accepted 12/4/95								
PYROFOAM		MR	1091	Registered		171988	27-Aug-2001	
Country: Canada								
Owner: UCAR Carbon Technology Corp.								
Agent: SIM Sim & McBurney								
Goods: Carbon and graphite foam sold in sheet, bar and billet form for general use in the industrial arts								
Remarks								
RIBBON-PACK		MR	1093	Registered	723722	1541522	30-May-2009	
Country: United States of America								
Owner: UCAR Carbon Technology Corp.								
Classes: 17								
Goods: Flexible graphite packing materials used for fluid sealing in pumps, valves and related components								
Remarks: Sections 8 & 15 accepted 3/25/96								

TRADEMARK

REEL: 002063 FRAME: 0206

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
SMART RAM Country: United States of America	MR	UCAR Carbon Technology Corp. Classes: 19 Goods: Refractory ramming mixes, in class 19.	1094	Registered	74/170580 28-May-1991 Remarks: Sections 8 & 15 accepted 3/3/98.	1727628 27-Oct-1992	27-Oct-2002	18-Apr-1991
SOCKET MARKING FOR ELECTRODES Country: United States of America	MR	UCAR Carbon Technology Corp. Classes: 19 Goods: Carbon electrodes and graphite electrodes	1095	Registered		418218 11-Dec-1985	11-Dec-2005	
SUPER GTO Country: United States of America	MR	UCAR Carbon Technology Corp. Classes: 17 Goods: Flexible graphite sheets for use in internal combustion engines and automotive heat shielding applications in Int. Class 1.	1096	Pending	75/309150 16-Jun-1997			

INTELLECTUAL PROPERTY RELEASE

THIS RELEASE dated as of February 22, 2000, by The Chase Manhattan Bank, as Collateral Agent to the Lenders (as such terms are defined below). Terms used herein and not otherwise defined shall have the meanings assigned to such terms in the Credit Agreement referred to below.

W I T N E S S E T H :

WHEREAS, UCAR INTERNATIONAL INC., a Delaware corporation ("UCAR"), UCAR GLOBAL ENTERPRISES INC., a Delaware corporation (the "Borrower"), the SUBSIDIARY BORROWERS, the LENDERS, the FRONTING BANKS and THE CHASE MANHATTAN BANK, a New York banking corporation, as administrative agent (in such capacity, the "Administrative Agent") and as collateral agent (in such capacity, the "Collateral Agent") are party to that certain Credit Agreement dated as of October 19, 1995, as amended and restated as of March 19, 1997, and November 10, 1998.

WHEREAS, UCAR, the Borrower and the U.S. Subsidiaries (together with UCAR and the Borrower, the "Grantors") and the Collateral Agent are party to that certain Intellectual Property Security Agreement dated as of April 22, 1998, as amended and restated as of November 10, 1998 (the "Intellectual Property Security Agreement"), recorded by the United States Patent and Trademark Office on November 12, 1998 and at Reel No. 1826 and Frame No. 0001, and Reel No. 9633 and Frame No. 0001, and pursuant to which, among other things, the Borrower and the Grantors granted a security interest to the Collateral Agent for the benefit of the Secured Parties in certain Collateral (as defined in the Intellectual Property Security Agreement), as described in Schedule I hereto, as security for the Obligations.

WHEREAS, as a result of the termination of the Obligations (other than certain obligations with respect to certain letters of credit), the Intellectual Property Security Agreement will be terminated and have no further force and effect, and the Collateral Agent has agreed to release of record its interest in the Collateral;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby releases of record the security interest in the Collateral.

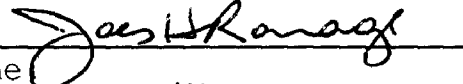
IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be duly executed by its duly authorized officer as of the day and year above written.

THE CHASE MANHATTAN BANK, as
Collateral Agent,

by

Name

Title:



JAMES H. RAMAGE
MANAGING DIRECTOR

STATE OF NEW YORK,)
) ss.:
COUNTY OF NEW YORK,)

The foregoing instrument was executed and
acknowledged to me this 27th day of March, 2000 by
James H. Ramage, a duly authorized officer of The Chase
Manhattan Bank.

Dorothy E. Spencer
Notary Public

[Notarial Seal]

My commission expires:

March 14, 2002

DOROTHY E. SPENCER
Notary Public, State of New York
No. 01SP4922824
Qualified in Bronx County
Certified in New York County
Commission Expires March 14, 2002

Schedule I

Collateral

SCHEDULE I
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

PATENTS AND PATENT APPLICATIONS

Serial No. or Patent No.	Inventor	Country	Issue or File Date	Title
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See Attached

COMPUTER CODE DESIGNATIONS

CAER	Carbon Electrode Related
CASP	Carbon Specialty
CMP	UCAR Composites
CSV	Carbon Savoie
FLXGR	Flexible Graphite Related
GRER	Graphite Electrode Related
GRSP	Graphite Specialty
NCB	Not Current Business
SCS	Spray Cool System

F. J. McCARTHY



UCAR
COUNTRY: COUNTRY CODE:

Argentina	AR
Australia	AU
Austria	AT
Belgium	BE
Brazil	BR
Bulgaria	BU
Canada	CA
China	CN
Czechoslovakia	CZ
Denmark	DK
Egypt	EG
England (United Kingdom)	GB
EPC	EP
Finland	FI
France	FR
Germany	DE
Greece	GR
Hong Kong	HK
Hungary	HU
India	IN
Indonesia	ID
Iran	IR
Ireland	IE
Israel	IL
Italy	IT
Japan	JP
Korea	KR
Kuwait	KW
Luxembourg	LU
Malaysia	MY
Mexico	MX
Monaco	MC
Netherlands	NL
New Zealand	NZ
Norway	NO
Pakistan	PK
PCT	WO
Philippines	PH
Poland	PL
Portugal	PT
Romania	RO
Russia (USSR)	RU
Saudi Arabia	SA
Singapore	SG
Slovak Republic	SI
Slovenia	SI
South Africa	ZA
Spain	ES
Sri Lanka	LK
Sweden	SE
Switzerland	CH
Taiwan	TW
Thailand	TH
Turkey	TR
United Kingdom (England)	GB
USSR (Russia)	RU
Yugoslavia	YU

Division CAER Carbon Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017054	FJM	FILED	SELF CENTERING ELECTRODE JOINT	COLEMAN, PD FULGENZI, CF KLOTZ, JA STEWART, JR

UCAR Carbon Technology Corp.

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AR	Granted	ORD	326661	24-Nov-1993	251086	16-Sep-1997		24-Nov-2013		
AU	GRANTED	ORD	51932/93	24-Nov-1993	663839	19-Oct-1995		24-Nov-2013		
BO	PENDING	ORD	B-000196	25-Nov-1993						
BR	PENDING	ORD	P19304811-4	24-Nov-1993				24-Nov-2008		
CA	GRANTED	ORD	2109909	24-Nov-1993	2109909	30-Jul-1996		24-Nov-2013		
CN	PENDING	ORD	93120594.8	24-Nov-1993			PA	24-Nov-2013		
DE	GRANTED	EPC	69314749 0-0	19-Nov-1993	599211	22-Oct-1997		19-Nov-2013		
DO	PENDING	ORD		08-Sep-1993						
EP	GRANTED	ORD	93118639.9	19-Nov-1993	599211	22-Oct-1997		19-Nov-2013		
ES	GRANTED	EPC	93118639.9	19-Nov-1993	ES210819013	22-Oct-1997		19-Nov-2013		
FR	GRANTED	EPC	93118639.9	19-Nov-1993	599211	22-Oct-1997		19-Nov-2013		
IN	PENDING	ORD	1320/DEL/93	24-Nov-1993				24-Nov-2007		
IT	GRANTED	EPC	93118639.9	19-Nov-1993	27669/BE/97	01-Oct-1997		19-Nov-2013		
NO	PENDING	ORD	93/4255	24-Nov-1993				24-Nov-2013		
PL	GRANTED	ORD	P301186	24-Nov-1993	172238	08-Jan-1997		24-Nov-2013		
RU	PENDING	ORD	93052366.0	24-Nov-1993				24-Nov-2013		



Division CAER Carbon Electrode Related

UA	PENDING	ORD 93003756	08-Sep-1993			08-Sep-2013
US	GRANTED	ORD 981606	25-Nov-1992	5336015	09-Aug-1994	09-Aug-2011
VE	GRANTED	ORD 1798/93	24-Nov-1993		08-May-1998	24-Nov-2013
ZA	PENDING	ORD 93/8797	24-Nov-1993			24-Nov-2013

Division CAER Carbon Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030000	FJM	Open	OXIDATION INHIBITION OF CARBON ELECTRODES	Bretz, RJ Chiu, CC Greinke, RA Klotz, JA

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
US -1	PENDING	CON 08/919,689	28-Aug-1997					LE	

Division CASP Carbon Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
009426	FJM	FILED	CEMENTED COLLECTOR BAR ASSEMBLIES FOR ALUMINUM CELL CARBON BOTTOM BLOCK	MILNER, RG VADLA, JJ

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD	1046456	16-Jan-1979	OL	16-Jan-1996	OL	16-Jan-1996		

UCAR Carbon Technology Corp

Division CASP Carbon Specialty

Case Number Attorney Disclosure Status Title Inventors

016513 FJM FILED CONDUCTIVE EXPANDABLE CLARK, WR
 CARBONACEOUS PASTE MATERIAL KING, HL
 WILLEY, HE

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	GRANTED	EPC	92102709.0	19-Feb-1992	0500061	26-Oct-1994		19-Feb-2012	
EP	GRANTED	ORD	92102709.0	19-Feb-1992	0500061	26-Oct-1994		19-Feb-2012	
FR	GRANTED	EPC	92102709.0	19-Feb-1992	0500061	26-Oct-1994		19-Feb-2012	
GB	GRANTED	EPC	92102709.0	19-Feb-1992	0500061	26-Oct-1994		19-Feb-2012	
IT	GRANTED	EPC	92102709.0	19-Feb-1992	0500061	26-Oct-1994	EP	19-Feb-2012	
SE	GRANTED	EPC	92102709.0	19-Feb-1992	0500061	26-Oct-1994	EP	19-Feb-2012	
US	GRANTED	ORD	658700	21-Feb-1991	5167868	01-Dec-1992	LE	01-Dec-2009	

Division CASP Carbon Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
016901	FJM	FILED	ROOM TEMPERATURE SETTING CARBONACEOUS CEMENT WITH INCREASED ELECTRICAL CONDUCTIVITY AND FLEXURAL STRENGTH	BRETZ, RI GREINKE, RA KAMPE, DJ LEWIS, IC PIRRO, TA

UCAR Carbon Technology Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	GRANTED	ORD	P4312571.9	17-Apr-1993	4312571.9	30-Dec-1997		17-Apr-2013	
DE	-1 GRANTED	DIV	P4345359.7	22-Dec-1995	4345359.7	23-Dec-1997		22-Dec-2015	
JP	PENDING	ORD	087247/93	14-Apr-1993					
US	GRANTED	ORD	870314	17-Apr-1992	5280063	18-Jan-1994	LE	18-Jan-2011	
US	-2 GRANTED	CIP	135153	12-Oct-1993	5373051	13-Dec-1994	LE	13-Dec-2011	
US	-3 GRANTED	CON	409896	23-Mar-1995	5550176	27-Aug-1996	LE		

Division CMP UCAR Composites

Case Number	Attorney	Disclosure Status	Title	Inventors
030018	FJM	Open	TOOL HOLDER BALANCING ASSEMBLY AND METHOD	HARPER, RT

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
Pending	ORD 075104	08-May-1998						

LE

US

Wednesday, November 04, 1998

Master List By Division

Division CSV Carbone Savoie

Page: 8

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2068	FJM	Filed	CARBONACEOUS LUTING PASTE AND AMBIENT TEMPERATURE LUTING PROCESS (US)	DUMAS, D LACROIX, S LATARD, JM MONTILLOT, AM VALLON, J

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD	325926	19-Apr-1979	1135457	16-Nov-1982		16-Nov-1999		
DE	GRANTED	EPC	2964780.1	18-Apr-1979	0005410	16-Feb-1983		18-Apr-1999		
FR	GRANTED	ORD	7812447	20-Apr-1978	2423467	29-Jun-1981		20-Apr-1998		
GB	GRANTED	EPC	79420019.6	18-Apr-1979	0005410	16-Feb-1983		18-Apr-1999		
IT	GRANTED	ORD	21938A/79	18-Apr-1979	1113325	20-Jan-1986		18-Apr-1999		
JP	GRANTED	ORD	48501/79	19-Apr-1979	1316474	15-May-1986		19-Apr-1999		
NO	GRANTED	ORD	791299	19-Apr-1979	149500	04-Jun-1985		19-Apr-1999		
US	GRANTED	ORD	31952	20-Apr-1979	4192730	11-Mar-1980	NI	20-Apr-1999		

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2068/A1	FJM	Filed	CARBONACEOUS PASTE FOR COLD SHAPING	DUMAS, D LACROIX, S LATARD, JM MONTILLOT, AM VALLON, J

Carbone Savoie

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
GRANTED	ORD	7904769	19-Feb-1979	2453839	28-Aug-1981		20-Apr-1998	

FR

Master List By Division

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2144	FJM	Filed	ELECTRIC FURNACE FOR THE CALCINATION OF CARBONACEOUS MATERIALS (US)	AUBRY, M BERNARD, JC GEORJON, P LATARD, JM PHILIPON, P

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD	329386	08-Jun-1979	1148494	21-Jun-1983		21-Jun-2000		
DE	GRANTED	ORD	2953691.2	08-Jun-1979	2953691	03-Jan-1985		08-Jun-1999		
ES	GRANTED	ORD	481644/7	18-Jun-1979	481644/7	16-Feb-1980		16-Feb-2000		
FR	GRANTED	ORD	7736454	25-Nov-1977	2410235	12-Mar-1982		25-Nov-1997		
GB	GRANTED	ORD	7900049	08-Jun-1979	2063030	15-Jun-1983		08-Jun-1999		
NO	GRANTED	ORD	791859	05-Jun-1979	154702	03-Dec-1986		05-Jun-1999		
US	GRANTED	ORD	227052	08-Feb-1981	4357210	02-Nov-1982	LE	02-Nov-1999		
ZA	GRANTED	ORD	79/2745	04-Jun-1979	79/2745	25-Jun-1980		04-Jun-1999		

Wednesday, November 04, 1998

Master List By Division

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2155	FJM	Filed	SYNTHETIC CARBONACEOUS GRANULES HAVING HIGH MECHANICAL CHARACTERISTICS (US)	DELHAY, JP DUMAS, D GEORJON, P LACROIX, P LATARD, JM

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	359388	28-Aug-1980	1154211	27-Sep-1983		27-Sep-2000	
FR	GRANTED	ORD	7922253	29-Aug-1979	2464294	09-May-1983		29-Aug-1999	
JP	GRANTED	ORD	116903/80	25-Aug-1980	1240938	26-Nov-1984		25-Aug-2000	
NO	GRANTED	ORD	802516	25-Aug-1980	152013	17-Jul-1985		25-Aug-2000	
US	-1	CON	551568	14-Nov-1983	4483840	20-Nov-1984	LE	14-Nov-2003	
ZA	GRANTED	ORD	80/5353	28-Aug-1980	80/5353	28-Apr-1982		28-Aug-2000	

Master List By Division

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2366	FJM	Filed	REFRACTORY PRODUCTS FORMED BY GRAINS BOUND BY CARBON RESIDUES AND METAL SILICON IN POWDER FORM AND PROCESS	DUMAS, D LATARD, MN MESNILDOT, DB MICHEL, C MONTILLOT, AM

Carbone Savoie

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AU		GRANTED	ORD	22651/83	06-Dec-1983	578594	03-Apr-1989		06-Dec-2003		
CA		GRANTED	ORD	442745	07-Dec-1983	1209593	12-Aug-1986		12-Aug-2003		
DE		GRANTED	EPC	3373893.9	06-Dec-1983	0128165	30-Sep-1987		06-Dec-2003		
FR	-1	GRANTED	EPC	83903801.5	06-Dec-1983	0128165	30-Sep-1987		06-Dec-2003		
GB		GRANTED	EPC	83903801.5	06-Dec-1983	0128165	30-Sep-1987		06-Dec-2003		
IN		GRANTED	ORD	1430/CAL/83	21-Nov-1983	161625	02-Dec-1988		21-Nov-1997		
IN	-1	GRANTED	ORD	712/CAL/86	21-Nov-1983	166330	14-Dec-1990		21-Nov-1997		
IT		GRANTED	ORD	24046A/83	06-Dec-1983	1167300	13-May-1987		06-Dec-2003		
US		GRANTED	ORD	629547	06-Dec-1983	4544641	01-Oct-1985	LIE	06-Dec-2003		

Division CSV Carbone Savoie

Case Number BR2648
 Attorney FJM
 Carbone Savoie
 Disclosure Status Filed
 Title PROCESS AND APPARATUS FOR SEALING CATHODIC BARS IN A PRESTRESSED CONDITION (US)
 Inventors AUDRAS, G
 LATARD, JM
 MICHAUD, L
 MONTILLOT, AM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AU	GRANTED	ORD	80910/87	09-Nov-1987	589876	08-Mar-1990		09-Nov-2007	
BR	GRANTED	ORD	8706015	09-Nov-1987	8706015-9	25-Apr-1995		09-Nov-2002	
CH	GRANTED	ORD	4349/87-6	06-Nov-1987	674212-9	15-May-1990		06-Nov-2007	
CN	GRANTED	ORD	87107682	09-Nov-1987	12352	12-Apr-1991		09-Nov-2002	
FR	GRANTED	ORD	8615803	10-Nov-1986	2606428	23-Jan-1989		10-Nov-2006	
IS	GRANTED	ORD	3281	09-Nov-1987	1401	15-Dec-1989		09-Nov-2007	
NO	GRANTED	ORD	874658	09-Nov-1987	176768	11-May-1988		09-Nov-2007	
US	GRANTED	ORD	111192	22-Oct-1987	4773980	27-Sep-1988	1.E	22-Oct-2007	
VE	GRANTED	ORD	1784/87	06-Nov-1987	50548	12-Nov-1993		06-Nov-2002	

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2649	FJM	Filed	PROTECTIVE COATING FOR THE CARRIER BARS OF PREBAKED ANODES AND THE EMERGING PART OF SAID ANODES (US)	AUDRAS, G LATARD, JM MIGNOT, F SAMANOS, B

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AE	GRANTED	ORD	VOL17NO208	26-Jun-1988	VOL13NO32	05-Sep-1991		14-Nov-2006	
AU	GRANTED	ORD	81194/87	13-Nov-1987	590185	22-Feb-1990		13-Nov-2007	
CA	GRANTED	ORD	551398	09-Nov-1987	1284783	11-Jun-1991		11-Jun-2008	
EP	FILED	ORD		12-Nov-1987				12-Nov-2007	
FR	-1 GRANTED	EPC	87420308.6	12-Nov-1987	0269534	24-Jun-1992		12-Nov-2007	
NZ	GRANTED	ORD	222473	06-Nov-1987	222473	30-May-1991		06-Nov-2007	
US	GRANTED	ORD	118023	06-Nov-1987	4787965	29-Nov-1988	LE	06-Nov-2007	

Division CSV Carbone Savoie

Case Number	Attorney	Disclosure Status	Title	Inventors
BR2649/A1	FJM	Filed	PROTECTIVE COATINGS FOR THE CARRIER BARS OF PRE-BAKED ANODES AND THE EMERGING PART OF THE ANODES (US)	AUDRAS, G LATARD, JM MIGNOT, F SAMANOS, B

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AE	FILED	ORD	VOL18NO231	20-Jul-1989				14-Nov-2006	
AU	GRANTED	ORD	27429/88	21-Dec-1988	610964	25-Sep-1991		21-Dec-2008	
CA	FILED	ORD	586322	19-Dec-1988				19-Dec-2008	
EP	FILED	ORD	88420430	21-Dec-1988	322326	12-Aug-1992		21-Dec-2008	
FR	GRANTED	ORD	8718452	22-Dec-1987	2624886	03-Jan-1992		14-Nov-2006	
FR	-1 GRANTED	EPC	88420430.6	21-Dec-1988	0322326	12-Aug-1992		21-Dec-2008	
NZ	GRANTED	ORD	227342	15-Dec-1988	227342	24-Apr-1992		06-Nov-2007	
US	-1 GRANTED	ORD	07/426200	25-Oct-1989	4946502	07-Aug-1990	LE	25-Oct-2009	

Division CSV Carbone Savoie

Case Number BR3042
 Attorney FJM
 Inventors FARGE, Y
 FIGUERES, R
 MIGNOT, F
 MOREL, B

Title COATING TO PROTECT MATERIAL FROM REACTION WITH AIR AT HIGH TEMPERATURE

Carbone Savoie

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AU	GRANTED	ORD	54738/94	28-Jan-1994	666061	14-May-1996		28-Jan-2014	
BR	GRANTED	ORD	9400344/0	26-Jan-1994	9400344	16-Aug-1994		26-Jan-2009	
CA	GRANTED	ORD	2114071	24-Jan-1994	2114071	29-Jul-1994		24-Jan-2014	
DE	GRANTED	EPC	69400098.1	25-Jan-1994	0609160	20-Mar-1996		25-Jan-2014	
EP	GRANTED	ORD	94420021	25-Jan-1994	609160	20-Mar-1996		25-Jan-2014	
FR	GRANTED	ORD	9301258	28-Jan-1993	2700773	03-Mar-1995		28-Jan-2013	
FR	-1 GRANTED	EPC	94420021.1	25-Jan-1994	0609160	20-Mar-1996		25-Jan-2014	
GB	GRANTED	EPC	94420021.1	25-Jan-1994	0609160	20-Mar-1996		25-Jan-2014	
IT	GRANTED	EPC	94420021.1	25-Jan-1994	0609160	20-Mar-1996		25-Jan-2014	
JP	GRANTED	ORD	8798/94	28-Jan-1994	6287468	11-Oct-1994		28-Jan-2014	
US	GRANTED	ORD	08/181037	14-Jan-1994	5420084	30-May-1995	LE	14-Jan-2004	
ZA	GRANTED	ORD	94/0505	25-Jan-1994	94/0505	30-Nov-1994		25-Jan-2014	

Wednesday, November 04, 1998

Master List By Division

Page: 17

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
012025	FJM	FILED	INJECTABLE PACKING FORMULATION CONTAINING FLEXIBLE GRAPHITE	COX, CV

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1117516	02-Feb-1982		02-Feb-1999	
JP	PENDING	ORD	009271/79	31-Jan-1979					
US	GRANTED	ORD			4162078	24-Jul-1979		24-Jul-1996	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
012083	FJM	FILED	PACKING RING CONTAINING FLEXIBLE GRAPHITE	SCHNITZLER, DL

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1129904	17-Aug-1982		17-Aug-1999	
US	GRANTED	ORD			4190257	26-Feb-1980		26-Feb-1997	

Division FLXGR Flexible Graphite Related

Case Number Attorney Disclosure Status Title Inventors

015410 FJM FILED INTERCALATION OF GRAPHITE BECK, EJ
 GREINKE, RA
 MERCURI, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CH		GRANTED	EPC	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
DE		GRANTED	EPC	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
EP		GRANTED	ORD	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
EP	-1	OPPOSITION	ORD	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
FR		GRANTED	EPC	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
GB		GRANTED	EPC	88114165.9	31-Aug-1988	0305984	05-Jan-1994		31-Aug-2008	
IT		GRANTED	EPC	88114165.9	31-Aug-1988	0305984	05-Jan-1994	EP	31-Aug-2008	
JP		GRANTED	ORD	218207/88	31-Aug-1988	2543583	20-May-1996		31-Aug-2008	
US	-1	GRANTED	CON	323214	16-Mar-1989	4895713	23-Jan-1990	LE	23-Jan-2007	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015676	FJM	FILED	COMPOSITES OF FLEXIBLE GRAPHITE PARTICLES AND AMORPHOUS CARBON	HOWARD, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD			1322633	05-Oct-1993	OL	05-Oct-2010		
DE	GRANTED	EPC	89101969.7	04-Feb-1989	0328008	02-Jun-1993		04-Feb-2009		
EP	GRANTED	ORD	89101969.7	04-Feb-1989	0328008	02-Jun-1993		04-Feb-2009		
FR	GRANTED	EPC	89101969.7	04-Feb-1989	0328008	02-Jun-1993		04-Feb-2009		
GB	GRANTED	EPC	89101969.7	04-Feb-1989	0328008	02-Jun-1993		04-Feb-2009		
IT	GRANTED	EPC	89101969.7	04-Feb-1989	0328008	02-Jun-1993	EP	04-Feb-2009		
JP	GRANTED	ORD	029581/89	08-Feb-1989	2077617	09-Aug-1996				
US	GRANTED	ORD	154034	09-Feb-1988	4826181	02-May-1989	LE	02-May-2006		
US	-1 GRANTED	DIV	321225	09-Mar-1989	5225379	06-Jul-1993	LE	06-Jul-2010		

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015701	FJM	FILED	FLEXIBLE GRAPHITE ARTICLES WITH AN AMORPHOUS CARBON PHASE AT THE SURFACE	GREINKE, RA HOWARD, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	PENDING	ORD	594331	21-Mar-1989					
DE	GRANTED	EPC	89302769.8	21-Mar-1989	0334589	20-Oct-1993		21-Mar-2009	
EP	GRANTED	ORD	89302769.8	21-Mar-1989	0334589	20-Oct-1993		21-Mar-2009	
FR	GRANTED	EPC	89302769.8	21-Mar-1989	0334589	20-Oct-1993		21-Mar-2009	
GB	GRANTED	EPC	89302769.8	21-Mar-1989	0334589	20-Oct-1993		21-Mar-2009	
IT	GRANTED	EPC	89302769.8	21-Mar-1989	0334589	20-Oct-1993	EP	21-Mar-2009	
JP	GRANTED	ORD	069120/89	20-Mar-1989	1880153	21-Oct-1994		20-Mar-2009	
US	-1 GRANTED	CON	590582	28-Sep-1990	5228701	20-Jul-1993	LE	20-Jul-2010	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
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015747	FJM	FILED	COMPOSITE COMPRISING NEARLY PARALLEL EXFOLIATED GRAPHITE WORMS	CHUNG, DDL
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UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
US GRANTED	ORD 612406	21-May-1984	4704231	03-Nov-1987	LE	03-Nov-2004		

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015798	FJM	FILED	COMPOSITES OF IN-SITU EXFOLIATED GRAPHITE	CHUNG, DDL

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	ORD	105102	05-Oct-1987	1330609	05-Jul-1994	OL	05-Jul-2011	
US	GRANTED	ORD	ORD	105102	05-Oct-1987	4946892	07-Aug-1990	LE	07-Aug-2007	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015889	FJM	FILED	HIGH PURITY, HIGH TEMPERATURE PIPE THREAD SEALANT PASTE	HOWARD, RA

UCAR Carbon Technology Corp.

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1331906	13-Sep-1994	OL	13-Sep-2011	
DE	GRANTED	EPC	89304270.5	28-Apr-1989	0341869	15-Dec-1993		28-Apr-2009	
EP	GRANTED	ORD	89304270.5	28-Apr-1989	0341869	15-Dec-1993		28-Apr-2009	
FR	GRANTED	EPC	89304270.5	28-Apr-1989	0341869	15-Dec-1993		28-Apr-2009	
GB	GRANTED	EPC	89304270.5	28-Apr-1989	0341869	15-Dec-1993		28-Apr-2009	
IT	GRANTED	EPC	89304270.5	28-Apr-1989	0341869	15-Dec-1993	EP	28-Apr-2009	
JP	GRANTED	ORD	111901/89	28-Apr-1989	1914049	23-Mar-1995		28-Apr-2009	
US	Granted	ORD	187846	29-Apr-1988	4872914	10-Oct-1989	LE	10-Oct-2006	
US	-2 Granted	REI	589614	28-Sep-1990	RE33760	03-Dec-1991	LE	03-Dec-2008	
US	-3 GRANTED	DIV	608396	02-Nov-1990	5085700	04-Feb-1992	LE	04-Feb-2009	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015889RE	FJM	Open	HIGH PURITY, HIGH TEMPERATURE PIPE THREAD SEALANT PASTE	

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
US	Granted	REI 589614	28-Sep-1990	RE33760	03-Dec-1991	LE			

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015913	FJM	FILED	INSULATING COMPOSITE GASKET	MERCURI, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
JP	GRANTED	ORD	231711	15-Jun-1989	1921863	07-Apr-1995		15-Jun-2009	
US	GRANTED	ORD	231711	12-Aug-1988	4911972	27-Mar-1990	LE	27-Mar-2007	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016138	FJM	FILED	FLEXIBLE GRAPHITE EXPANDABLE SEAL AND METHOD	HOWARD, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US GRANTED	ORD	658010	20-Feb-1991	5130199	14-Jul-1992	LE	14-Jul-2009	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016166	FJM	FILED	ULTRA-THIN PURE FLEXIBLE GRAPHITE	GETZ, G GREINKE, RA HOWARD, RA MERCURI, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	2020148	29-Jun-1990	2020148	11-Jul-1995		29-Jun-2010	
DE	GRANTED	EPC	90307148.8	29-Jun-1990	0406008	21-Sep-1994		29-Jun-2010	
EP	GRANTED	ORD	90307148.8	29-Jun-1990	0406008	21-Sep-1994		29-Jun-2010	
FR	GRANTED	EPC	90307148.8	29-Jun-1990	0406008	21-Sep-1994		29-Jun-2010	
GB	GRANTED	EPC	90307148.8	29-Jun-1990	0406008	21-Sep-1994		29-Jun-2010	
JP	GRANTED	ORD	174291/90	30-Jun-1990	2555212	22-Aug-1996		30-Jun-2010	
US	-1 GRANTED	CIP	574807	30-Aug-1990	5149518	22-Sep-1992	LE	22-Sep-2009	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016203	FJM	FILED	STABLE BLISTER FREE FLEXIBLE GRAPHITE AND METHOD	BRETZ, RJ GREINKE, RA

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
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JP	-1	PENDING	ORD	239612/92	08-Sep-1992						
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US	-3	GRANTED	CON	532365	22-Sep-1995	5582811	10-Dec-1996	LE			
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Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016287	FJM	FILED	FLEXIBLE GRAPHITE LAMINATE	HOWARD, RA POLOMSKY, JJ

UCAR Carbon Technology Corp.

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	2035092	28-Jan-1991	2035092	13-Jun-1995		28-Jan-2011	814
DE	PENDING	EPC	69117992.1-0	26-Jan-1991				26-Jan-2011	
EP	GRANTED	ORD	91101011.4	26-Jan-1991	0440116	20-Mar-1996		26-Jan-2011	
FR	PENDING	EPC	91101011.4	26-Jan-1991				26-Jan-2011	
GB	PENDING	EPC	91101011.4	26-Jan-1991				26-Jan-2011	
IT	PENDING	EPC	91101011.4	26-Jan-1991				26-Jan-2011	
JP	Granted	ORD	02810791	29-Jan-1991	2760904	20-Mar-1998		29-Jan-2011	
US	GRANTED	ORD	471531	29-Jan-1990	4961991	09-Oct-1990	LE	09-Oct-2007	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
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016612	FJM	FILED	METHOD OF FABRICATING A FLEXIBLE GRAPHITE LAMINATE WITH A METAL OR FIBERGLASS CORE	MERCURI, RA OHNETH, EJ
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UCAR Carbon Technology Corp

Sub	Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
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US	-4	FILED	CON 910476	25-Jul-1997				LE	
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Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016618	FJM	FILED	FLEXIBLE GRAPHITE COMPOSITE FIRE RETARDANT WALLPAPER AND METHOD	HOWARD, RA

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	GRANTED	EPC	92307159.1	05-Aug-1992	69204399	30-Aug-1995		05-Aug-2012	
EP	GRANTED	ORD	92307159.1	05-Aug-1992	0527046	30-Aug-1995		05-Aug-2012	
FR	GRANTED	EPC	92307159.1	05-Aug-1992	0527046	30-Aug-1995		05-Aug-2012	
GB	GRANTED	EPC	92307159.1	05-Aug-1992	0527046	30-Aug-1995		05-Aug-2012	
JP	PENDING	ORD	206755/92	03-Aug-1992					
US	GRANTED	ORD	742641	06-Aug-1991	5176863	05-Jan-1993	LE	05-Jan-2010	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016715	FJM	FILED	METHOD AND ASSEMBLY FOR REINFORCING FLEXIBLE GRAPHITE AND ARTICLE	HOWARD, RA MERCURI, RA

UCAR Carbon Technology Corp.

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
DE	GRANTED	EPC	92305069.4	02-Jun-1992	69222472.6	23-Dec-1992		02-Jun-2012		
EP	GRANTED	ORD	92305069.4	02-Jun-1992	0519620	01-Oct-1997		02-Jun-2012		
FR	PENDING	EPC	92305069.4	02-Jun-1992				02-Jun-2012		
GB	PENDING	EPC	92305069.4	02-Jun-1992				02-Jun-2012		
JP	PENDING	ORD	141738/92	02-Jun-1992						
US	GRANTED	ORD	709214	03-Jun-1991	5198063	30-Mar-1993	LE	30-Mar-2010		
US	PENDING	CON	674897	03-Jul-1996					LE	

Wednesday, November 04, 1998

Master List By Division

Page: 34

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016742	FJM	FILED	LOW SURFACE ACID INTERCALATED GRAPHITE AND METHOD	BRETZ, RJ GREINKE, RA

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	-1	GRANTED	CON 953293	30-Sep-1992	5376450	27-Dec-1994	LE	27-Dec-2011	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016764	FJM	FILED	EPOXY RESIN BONDED FLEXIBLE GRAPHITE LAMINATE AND METHOD	LEWIS, RT MERCURI, RA OHNETH, EJ

UCAR Carbon Technology Corp

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	GRANTED	ORD	769554	01-Oct-1991	5192605	09-Mar-1993	LE	09-Mar-2010	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016919	FJM	FILED	EXHAUST SEAL RING	MERCURI, RA WEBER, TW

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Sub Case	Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
	US	GRANTED	ORD			5451064	19-Sep-1995		19-Sep-2012		

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017197	FJM	FILED	FLAME RETARDANT ORIENTED STRAND BOARD STRUCTURE ELEMENT	FORD, BM POLLOCK, MW WETULA, JJ

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AU	Granted	ORD	17781/95	01-May-1995	687170	19-Feb-1998		01-May-2015		
CA	PENDING	ORD	2151538	12-Jun-1995				12-Jun-2015		
DE	PENDING	EPC	95303023.6	03-May-1995				03-May-2015		
EP	PUBLISHED	ORD	95303023.6	03-May-1995				03-May-2015		
FI	PENDING	ORD	95/2072	28-Apr-1995				28-Apr-2015		
FR	PENDING	EPC	95303023.6	03-May-1995				03-May-2015		
GB	PENDING	EPC	95303023.6	03-May-1995				03-May-2015		
JP	PENDING	ORD	134243/95	31-May-1995				03-May-2015		
NO	PENDING	ORD	95/1655	28-Apr-1995				28-Apr-2015		
US	GRANTED	ORD	282908	29-Jul-1994	5443894	22-Aug-1995	LE	22-Aug-2012		

Wednesday, November 04, 1998

Master List By Division

Page: 38

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017211	FJM	FILED	WATCH SERVICE	

UCAR Carbon Technology Corp.

Keyword(s):

GRAFOIL

Sub Case	Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
	US	FILED	ORD								

Wednesday, November 04, 1998

Master List By Division

Page: 39

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017264	FJM	FILED	WATCH SERVICE	

UCAR Carbon Technology Corp.

Keyword(s):

GRAFOIL

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
JP WS FILED	ORD 290106/94						

Division FLXGR Flexible Graphite Related

<p>Case Number 017265</p>	<p>Attorney FJM</p>	<p>Disclosure Status FILED</p>	<p>Title FIRE-RESISTANT SHEET MATERIAL</p>	<p>Inventors FORD, BM MERCURI, RA WEBER, TW</p>
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UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AU	PENDING	ORD	5034696	28-Mar-1996				28-Mar-2016	
CA	PENDING	ORD	2172878	28-Mar-1996				28-Mar-2016	
DE	PENDING	EPC		13-Mar-1996					
EP	PUBLISHED	ORD	96302098.7	27-Mar-1996				27-Mar-2016	
FI	PENDING	EPC		13-Mar-1996					
FR	PENDING	EPC		13-Mar-1996					
GB	PENDING	EPC		13-Mar-1996					
IT	PENDING	EPC		13-Mar-1996					
JP	PENDING	ORD	077292/96	29-Mar-1996				29-Mar-2016	
NO	PENDING	ORD	P961219	26-Mar-1996					
US	-1 PENDING	CON	937416	07-Oct-1997			LEE		

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017266	FJM	FILED	GAS FILTERING DEVICE FOR AIR BAG GENERATOR	FORD, BM WETULA, JJ

UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
AU	Granted	ORD	40972/96	15-Jan-1996	690391	23-Apr-1998		15-Jan-2016	
CA	PENDING	ORD	2167227	15-Jan-1996				15-Jan-2016	
DE	PENDING	EPC		19-Dec-1995				19-Dec-2015	
EP	PUBLISHED	ORD	96300287.8	16-Jan-1996				16-Jan-2016	
FR	PENDING	EPC		19-Dec-1995				19-Dec-2015	
GB	PENDING	EPC		19-Dec-1995				19-Dec-2015	
IT	PENDING	EPC		19-Dec-1995				19-Dec-2015	
JP	PENDING	ORD	005454/96	17-Jan-1996				17-Jan-2016	
MX	PENDING	ORD	9600255	16-Jan-1996				16-Jan-2016	
US	GRANTED	ORD	373593	17-Jan-1995	5494506	27-Feb-1996	LE		

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030008	FJM	Filed	FLEXIBLE GRAPHITE COMPOSITE SHEET AND METHOD	MERCURI, RA

UCAR Carbon Technology Corp.

Keyword(s):

GRAFOIL

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
TW	FILED	ORD	87104061	23-Mar-1998					
TW	Filed	ORD	87109463	15-Jun-1998			LE		
US	PENDING	ORD	819744	18-Mar-1997			LE		
US	PENDING	CIP	887188	02-Jul-1997			LE		
WO	FILED	ORD	US98/03802	17-Mar-1998					845
WO	Filed	ORD	US98/13578	01-Jul-1998			LE		

Division FLXGR Flexible Graphite Related

Case Number	Sub Case Status	Attorney	Disclosure Status	Title	Inventors					
030010		FJM	Filed	FLEXIBLE GRAPHITE COMPOSITE	CAPP, JP GOUGH, JJ MERCURI, RA					
					UCAR Carbon Technology Corp					
Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
TW	FILED	ORD	87104727	30-Mar-1998						
TW	-1 Filed	ORD	87109066	08-Jun-1998			LE			
TW	-2 Filed	ORD	87109067	08-Jun-1998			LE			
US	PENDING	ORD	833136	04-Apr-1997			LE			
US	-1 PENDING	CIP	886875	02-Jul-1997			LE			
US	-2 PENDING	CIP	900736	25-Jul-1997			LE			
US	-3 Pending	CIP	111139	07-Jul-1998			LE			
US	-4 Pending	CIP	088850	02-Jun-1998			LE			
US	-5 Pending	CIP	112717	09-Jul-1998			LE			
US	-6 Pending	DIV	136323	19-Aug-1998			LE			
WO	FILED	ORD	US98/06476	03-Apr-1998						
WO	-1 Filed	ORD	US98/13579	01-Jul-1998			LE			
WO	-2 Filed	ORD	US98/14804	22-Jul-1998			LE			

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030011	FJM	Filed	OXIDATION AND CORROSION RESISTANT FLEXIBLE GRAPHITE COMPOSITE SHEET AND METHOD	BLAIN, DP MCGLAMERY, JT MERCURI, RA

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
TW	FILED	ORD	87104730	30-Mar-1998					
TW	-1 FILED	ORD	87104728	30-Mar-1998			LE		
US	PENDING	ORD	833356	04-Apr-1997			LE		
US	-1 PENDING	CIP	887190	02-Jul-1997			LE		
WO	FILED	ORD	US98/06279	03-Apr-1998					845
WO	-1 FILED	ORD	US98/13577	01-Jul-1998					845

Wednesday, November 04, 1998

Master List By Division

Page: 45

Division FLXGR Flexible Graphite Related

Case

Number

Attorney

Disclosure Status

Title

Inventors

030012

FJM

Filed

FLEXIBLE GRAPHITE COMPOSITE ARTICLE
FOR PROTECTION AGAINST THERMAL
DAMAGE
KRASSOWSKI, DW
MERCURI, RA

UCAR Carbon Technology Corp

Sub

Country Case Status

Case Application
Type Number

Filing
Date

Patent
Number

Issue
Date

Tax
Schedule Date

Agent
Agent Ref #

TW	Filed	ORD	87109071	08-Jun-1998					
US	PENDING	ORD	872428	10-Jun-1997					
WO	Filed	ORD	US98/10928	04-Jun-1998					

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Wednesday, November 04, 1998

Master List By Division

Page: 46

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030013	FJM	Filed	FLEXIBLE GRAPHITE SHEET WITH DECREASED ANISOTROPY	MERCURI, RA

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
TW	Filed	ORD	87109070	08-Jun-1998					LE
US	PENDING	ORD	883386	26-Jun-1997					LE
US	-1 Pending	DIV	133237	13-Aug-1998					LE
WO	Filed	ORD	US98/11492	12-Jun-1998					LE

Wednesday, November 04, 1998

Master List By Division

Page: 47

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030014	FJM	Filed	ELECTRICALLY CONDUCTIVE SEAL FOR FUEL CELL ELEMENTS	GOUGH, JJ MERCURI, RA
	UCAR Carbon Technology Corp			

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
TW		Pending	ORD	87109147	09-Jun-1998			LE			
US		PENDING	ORD	934292	19-Sep-1997			LE			
US	-1	Pending	CIP	090054	03-Jun-1998			LE			
WO		Filed	ORD					LE			

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030015	FJM	Open	EXPANDABLE GRAPHITE AND METHOD	GREINKE, RA

Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
US	Pending	ORD	015590	29-Jan-1998			LE			

UCAR Carbon Technology Corp

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030016	FJM	Open	INTUMESCENT COMPOSITION AND METHOD	FORD, BM FOUCHT, ME GARVEY, CE HUTCHINGS, DA KRASSOWSKI, DW QURESHI, SP

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
Pending	ORD 002347	02-Jan-1998					LE	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030021	FJM	Filed	FLEXIBLE GRAPHITE WITH NON-CARRIER PSA BACKING AND RELEASE LINER	Tzeng, JW

UCAR Carbon Technology Corp

Sub Case Status	Case Type Number	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
US	Pending	ORD 167865	07-Oct-1998					LE	

Division FLXGR Flexible Graphite Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030023	FJM	Filed	THERMAL INSULATING DEVICE FOR HIGH TEMPERATURE REACTORS WHICH UTILIZE HYDROGEN AND CHLOROSILANES AS REACTANTS	BLAIN, DP MERCURI, RA
	UCAR Carbon Technology Corp			

Country	Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	Pending	ORD	23-Oct-1998					LE

Master List By Division

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
008926	FJM	FILED	CHEMICALLY BONDED ALUMINUM COATING FOR CARBON AND PROCESS THEREFOR	SARA, RV

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	-1	GRANTED	ORD			1045919	01-Sep-1979	NT	09-Jan-1996	
US	-3	GRANTED	DIV	874366	01-Feb-1978	4252856	24-Feb-1981	NT	24-Feb-1998	
US	-4	GRANTED	DIV	182494	29-Aug-1980	4347083	31-Aug-1982	NT	31-Aug-1999	
US	-5	GRANTED	DIV	182493	29-Aug-1980	4402744	06-Sep-1983	NT	06-Sep-2000	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
009308	FJM	FILED	PROCESS FOR PRODUCING AN IMPROVED GRAPHITE BODY HAVING A LOW COEFFICIENT OF THERMAL EXPANSION	LEWIS, IC SINGER, LS

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
CA	GRANTED	ORD		1060161	14-Aug-1979		14-Aug-1996	

Master List By Division

Wednesday, November 04, 1998

Division GRER Graphite Electrode Related

Inventors

MERROW, JK
MOORE, AW
VOLK, HF

Case Number 009588
Attorney FJM
Disclosure Status FILED
Title IMPROVED GRAPHITE ELECTRODE AND METHOD OF MAKING

UCAR Carbon Technology Corp

Sub Case Status CA GRANTED
Case Application Type Number
Filing Date
Patent Number 1089901
Issue Date 18-Nov-1980
Tax Schedule Date 18-Nov-1997
Expiration Date 18-Nov-1997
Agent Agent Ref #

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
009756	FJM	FILED	FRIABLE SOCKET THREAD ELECTRODE JOINT	BURWELL, WH

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	-1	GRANTED	ORD			1103729	23-Jun-1981		23-Jun-1998		
US	-1	GRANTED	CIP			4159184	26-Jun-1979		26-Jun-1996		

Master List By Division

Wednesday, November 04, 1998

Division GRER Graphite Electrode Related

Inventors

BELZ, HM

METHOD AND APPARATUS FOR ORIENTATION OF ELECTRODE JOINT THREADS

Disclosure Status
FILED

Attorney
FJM

Case Number
012026

UCAR Carbon Technology Corp

Issue Date
26-Jun-1984

Patent Number
1169900

Filing Date
28-Sep-1979

Case Application Type Number
ORD 079886

Sub Case Status
GRANTED

Country
CA
US

Expiration Date
26-Jun-2001

Tax Schedule
NT

Issue Date
14-Sep-1982

Patent Number
4349910

Filing Date
28-Sep-1979

Case Application Type Number
ORD 079886

Sub Case Status
GRANTED

Country
CA
US

Agent Ref #

Master List By Division

Wednesday, November 04, 1998

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
009308	FJM	FILED	PROCESS FOR PRODUCING AN IMPROVED GRAPHITE BODY HAVING A LOW COEFFICIENT OF THERMAL EXPANSION	LEWIS, IC SINGER, LS

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
CA	GRANTED	ORD	1060161	14-Aug-1979		14-Aug-1996	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
009588	FJM	FILED	IMPROVED GRAPHITE ELECTRODE AND METHOD OF MAKING	MERROW, JK MOORE, AW VOLK, HF

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD		1089901	18-Nov-1980		18-Nov-1997	

Master List By Division

Wednesday, November 04, 1998

Division GRER Graphite Electrode Related

Inventors

Case Number	Attorney	Disclosure Status	Title	Inventors
009756	FJM	FILED	FRIABLE SOCKET THREAD ELECTRODE JOINT	BURWELL, WH

UCAR Carbon Technology Corp

Country	Sub Case	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	-1	GRANTED	ORD	1103729	23-Jun-1981	1103729	23-Jun-1981		23-Jun-1998	
US	-1	GRANTED	CIP	4159184		4159184	26-Jun-1979		26-Jun-1996	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
012026	FJM	FILED	METHOD AND APPARATUS FOR ORIENTATION OF ELECTRODE JOINT THREADS	BELZ, HM

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA		GRANTED	ORD			1169900	26-Jun-1984		26-Jun-2001	
US		GRANTED	ORD	079886	28-Sep-1979	4349910	14-Sep-1982	NT	14-Sep-1999	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
012326	FJM	FILED	HIGH TAPER ANGLE CONNECTING PIN FOR GRAPHITE ELECTRODE JOINTS	SELDIN, EJ WENG, TL

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA		GRANTED	ORD			1148202	14-Jun-1983		14-Jun-2000	
EP		GRANTED	ORD	80303383.6	26-Sep-1980	0026646	27-Aug-1986		26-Sep-2000	
US		GRANTED	ORD	079887	28-Sep-1979	4290709	22-Sep-1981	NT	22-Sep-1998	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
012994	FJM	FILED	METHOD FOR PRODUCING LOW SULFUR PREMIUM COKE FROM HIGH SULFUR DECANT OILS	DIDCHENKO, R LEWIS, IC

UCAR Carbon Technology Corp

Sub Country	Case Status	Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
EP	GRANTED	ORD	82303429.3	30-Jun-1982	0068898	30-Dec-1986		30-Jun-2002	
US	-5 GRANTED	ORD	355833	22-May-1989	5167796	01-Dec-1992	LE	01-Dec-2009	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
013073	FJM	FILED	IMPROVED ELECTRIC ARC FURNACE COMPONENT	LAURIA, AT VOISINET, LJ

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD	272786	10-Jun-1981	1182505	12-Feb-1985	OL	12-Feb-2002		
US	GRANTED	ORD	272786	10-Jun-1981	4453253	05-Jun-1984	LE	05-Jun-2001		

Master List By Division

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
013250	FJM	FILED	PREMIUM COKE FROM A BLEND OF PYROLYSIS TAR & HYDROTREATED DECANT OIL	DICKINSON, EM MOORE, AW

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
EP		GRANTED	ORD	82201675.4	29-Dec-1982	0083143	22-Jan-1986		29-Dec-2002		
US	-5	GRANTED	CON	696417	30-Jan-1985	4740293	26-Apr-1988	LE	26-Apr-2005		

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
013353	FJM	FILED	BORONATED CARBONS FOR ELECTRODE APPLICATIONS	SARA, RV

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
EP		GRANTED	ORD	83307051.9	18-Nov-1983	0109839	06-Sep-1989		18-Nov-2003		
US	-2	GRANTED	CON	006690	22-Jan-1987	4770825	13-Sep-1988	LE	13-Sep-2005		

Wednesday, November 04, 1998

Master List By Division

Page: 62

Division GRER Graphite Electrode Related

Case

Number

013415

Attorney

FJM

Disclosure Status

FILED

Title

MAGNETIC RESONANCE APPARATUS

Inventors

SINGER, LS

UCAR Carbon Technology Corp

Sub

Country

CA

US

Case Status

GRANTED

GRANTED

Case Application Type Number

ORD

ORD 393391

Filing Date

29-Jun-1982

Patent Number

1202078

4455527

Issue Date

18-Mar-1986

19-Jun-1984

Tax Schedule

LE

Expiration Date

18-Mar-2003

19-Jun-2001

Agent Agent Ref #

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
013503	FJM	FILED	METHOD & ARTICLE FOR PROTECTING TAPERED THREADED ELECTRODE JOINTS BY USE OF AN ALIGNMENT MECHANISM	BELZ, HM STIEBER, HC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1204137	06-May-1986	OL	06-May-2003	
EP	GRANTED	ORD	83106183.3	24-Jun-1983	0101819	01-Jul-1987		24-Jun-2003	
MX	GRANTED	ORD			153994	18-Mar-1987	TP	18-Mar-2001	
US	GRANTED	ORD	393989	30-Jun-1982	4435816	06-Mar-1984	LE	06-Mar-2001	

Wednesday, November 04, 1998

Master List By Division

Page: 64

Division GRER Graphite Electrode Related

Case

Number

013795

Attorney

FJM

Disclosure Status

FILED

Title

UPGRADING OF PYROLYSIS TAR USING
ACIDIC CATALYSTS

Inventors

DICKINSON, EM
DIDCHENKO, R

UCAR Carbon Technology Corp

Sub

Country Case Status

US

Case Application
Type Number

ORD 684139

Filing
Date

20-Dec-1984

Patent
Number

4740291

Issue
Date

26-Apr-1988

Tax
Schedule Date

LE

26-Apr-2005

Agent Agent Ref #

Wednesday, November 04, 1998

Master List By Division

Page: 65

Division GRER Graphite Electrode Related

Case Number 013920
 Attorney FJM
 Disclosure Status FILED
 Title CARBONACEOUS ARTICLES HAVING OXIDATION PROHIBITIVE COATINGS THEREON
 Inventors SARA, RV
 UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1228605	27-Oct-1987		27-Oct-2004	
EP	GRANTED	ORD	84850235.7	27-Jul-1984	0134770	31-Mar-1993		27-Jul-2004	
ES	-2 GRANTED	DIV	549483		549483	24-Sep-1986		24-Sep-2006	
FR	GRANTED	EPC	84850235.7	27-Jul-1984	0134770	31-Mar-1993		27-Jul-2004	
IT	GRANTED	EPC	84850235.7	27-Jul-1984	0134770	31-Mar-1993	EP	27-Jul-2004	

Wednesday, November 04, 1998

Master List By Division

Page: 66

Division GRER Graphite Electrode Related

Case

Number

014186

Attorney

FJM

Disclosure Status

FILED

Title

ESTERS AS PITCH PLASTICIZERS

Inventors

LEWIS, RT
TALLON, JA

UCAR Carbon Technology Corp

Sub

Country Case Status

US -1

Case Application
Type Number

CON 862695

Filing
Date

13-May-1986

Patent
Number

4715897

Issue
Date

29-Dec-1987

Tax
Schedule Date

LE

29-Dec-2004

Agent Agent Ref #

Wednesday, November 04, 1998

Master List By Division

Page: 67

Division GRER Graphite Electrode Related

Case

Number

014291

Attorney

FJM

Disclosure Status

FILED

Title

UPGRADING OF PYROLYSIS TAR

Inventors

DICKINSON, EM
DIDCHENKO, R

UCAR Carbon Technology Corp

Sub

Country Case Status

US

Case Application
Type Number

ORD 684140

Filing
Date

20-Dec-1984

Patent
Number

4762608

Issue
Date

09-Aug-1988

Tax
Schedule Date

I.E

Expiration
Date

09-Aug-2005

Agent Agent Ref #

Wednesday, November 04, 1998

Master List By Division

Division GRER Graphite Electrode Related

Case

Number

014361

Attorney

FJM

Disclosure Status

FILED

Title

NITRO-SUBSTITUTED PITCH AND PROCESS
FOR THE PRODUCTION THEREOF

Inventors

LEWIS, IC

UCAR Carbon Technology Corp

Sub

Country Case Status

US -1

Case Application
Type Number

CON 936733

Filing
Date

17-Nov-1986

Patent
Number

4755276

Issue
Date

05-Jul-1988

Tax
Schedule Date

LE

Agent Agent Ref #

05-Jul-2005

Wednesday, November 04, 1998

Master List By Division

Page: 69

Division GRER Graphite Electrode Related

Case

Number

014713

Attorney

FJM

Disclosure Status

FILED

Title

HIGH COKING VALUE PITCH BINDERS

Inventors

GREINKE, RA

UCAR Carbon Technology Corp

Sub

Country Case Status

US GRANTED

Case Application

Type Number

ORD 804894

Filing

Date

05-Dec-1985

Patent

Number

4762566

Issue

Date

09-Aug-1988

Tax

Schedule Date

LE

09-Aug-2005

Agent Agent Ref #

Wednesday, November 04, 1998

Master List By Division

Page: 70

Division GRER Graphite Electrode Related

Case

Number

014744

Attorney

FJM

Disclosure Status

FILED

Title

ELECTRODE MEMBER AND PROCESS FOR
THE PRODUCTION THEREOF

Inventors

CHRYSSOMALLIS, GS
LEWIS, IC
NAZEM, F
SINGER, LS

UCAR Carbon Technology Corp

Sub

Case Application
Type Number

ORD 680995

Filing
Date

13-Dec-1984

Patent
Number

4729689

Issue
Date

08-Mar-1988

Tax
Schedule Date

LE

08-Mar-2005

Country Case Status

US GRANTED

Agent Agent Ref #

Division GRER Graphite Electrode Related

Case Number Attorney Disclosure Status Title Inventors

014783 FJM FILED ELECTRODE JOINT THREAD FORM BURWELL, WH

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	-1	GRANTED	ORD			1297145	10-Mar-1992	OL	10-Mar-2009	
DE		GRANTED	EPC	86303707.3	15-May-1986	0202128	12-Feb-1992		15-May-2006	
EP		GRANTED	ORD	86303707.3	15-May-1986	0202128	12-Feb-1992		15-May-2006	
EP	-1	PENDING	ORD	87305315.1	16-Jun-1987				16-Jun-2007	
FR		GRANTED	EPC	86303707.3	15-May-1986	0202128	12-Feb-1992		15-May-2006	
GB		GRANTED	EPC	86303707.3	15-May-1986	0202128	12-Feb-1992		15-May-2006	
IT		GRANTED	EPC	86303707.3	15-May-1986	0202128	12-Feb-1992	EP	15-May-2006	
MX		GRANTED	ORD		15-May-1986	168315	18-May-1993		15-May-2006	
MX	-1	GRANTED	ORD		16-Jun-1987	168890	14-Jun-1993		16-Jun-2007	
US	-1	GRANTED	CIP	875252	17-Jun-1986	4679206	07-Jul-1987	LE	07-Jul-2004	

Wednesday, November 04, 1998

Master List By Division

Page: 72

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
014852	FJM	FILED	OXIDATION RETARDED GRAPHITE OR CARBON ELECTRODE AND METHOD FOR PRODUCING THE ELECTRODE	CHIU, CC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1287862	20-Aug-1991	OL	20-Aug-2008	
EP	GRANTED	ORD	86115772.5	13-Nov-1986	0223205	28-Feb-1990		13-Nov-2006	
US	GRANTED	ORD	797671	13-Nov-1985	4726995	23-Feb-1988	LE	23-Feb-2005	

Division GRER Graphite Electrode Related

Case Number Attorney Disclosure Status Title Inventors

015057 FJM FILED CARBON-CARBON COMPOSITES CONTAINING POORLY GRAPHITIZING PITCH AS A BINDER AND/OR IMPREGNANT HAVING A REDUCED COEFFICIENT OF THERMAL EXPANSION AND IMPROVED FLEXURAL STRENGTH HOWARD, RA
LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA		GRANTED	ORD	522522	10-Nov-1986	1335323	25-Apr-1995			
US		GRANTED	ORD	790236	22-Oct-1985	5413738	09-May-1995	LE	09-May-2012	
US	-1	GRANTED	DIV	377467	24-Jan-1995	5688155	18-Nov-1997	LE		
US	-2	GRANTED	DIV	451537	26-May-1995	5607770	04-Mar-1997	LE		

Wednesday, November 04, 1998

Master List By Division

Page: 74

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015290	FJM	FILED	ELECTRODE JOINT	DAGATA, FJ

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
EP		GRANTED	ORD	87112798.1	02-Sep-1987	0260529	11-Dec-1991		02-Sep-2007	
EP	-1	OPPOSITION	ORD	87112798.1	02-Sep-1987	0260529	11-Dec-1991		02-Sep-2007	
JP		PUBLISHED	ORD	220566/87	04-Sep-1987					
US		GRANTED	ORD	904067	05-Sep-1986	4725161	16-Feb-1988	LJ	16-Feb-2005	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015302	FJM	FILED	HIGH COKING VALUE BINDER SYSTEM	WELCH, RR

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
US	GRANTED	ORD 038065	14-Apr-1987	4844740	04-Jul-1989	LE	04-Jul-2006		

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015498	FJM	FILED	JOINT FOR CARBON ELECTRODES	DAGATA, FJ

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
US GRANTED	ORD 190681	05-May-1988	4813805	21-Mar-1989	LE	21-Mar-2006	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015715	FJM	FILED	TREATMENT OF PETROLEUM COKES TO INHIBIT COKE PUFFING	BALL, DR ORAC, TH QUANDT, HC

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BR	Published	ORD	PI8903713.8	26-Jul-1989					
CA	GRANTED	ORD			1322184	14-Sep-1993	OL	14-Sep-2010	
CN	GRANTED	ORD	89107310.8	24-Jul-1989	89107310.8	14-Apr-1995	OL	24-Jul-2004	
CZ	Granted	ORD	PV4524/89	27-Jul-1989	283759	15-Apr-1998		27-Jul-2009	
DD	GRANTED	ORD		24-Jul-1989	287526	28-Feb-1991	OL	24-Jul-2007	
DE	GRANTED	EPC	89307474.0	22-Jul-1989	0410050	18-Nov-1993		22-Jul-2009	
EP	GRANTED	ORD	89307474.0	22-Jul-1989	0410050	18-Nov-1993		22-Jul-2009	
ES	GRANTED	EPC	89307474.0	22-Jul-1989	2050242	18-Nov-1993		22-Jul-2009	
GB	GRANTED	EPC	89307474.0	22-Jul-1989	0410050	18-Nov-1993		22-Jul-2009	
ID	PENDING	ORD	P-003978	29-Jul-1992				29-Jul-2008	
IN	GRANTED	ORD	648/DEL/89	24-Jul-1989	175748	24-Jul-1989		24-Jul-2003	690
JP	PUBLISHED	ORD	191243/89	24-Jul-1989	1981115			24-Jul-2009	
KR	GRANTED	ORD			73587	13-May-1994	OL	22-Dec-2008	
MX	GRANTED	ORD		24-Jul-1989	170984	22-Sep-1993		24-Jul-2009	
PL	GRANTED	ORD		24-Jul-1989	163084	08-Sep-1994		24-Jul-2009	
RO	GRANTED	ORD		16-Aug-1989	106118	29-Jan-1993		16-Aug-2009	

UCAR Carbon Technology Corp

Division GRER Graphite Electrode Related

RU	GRANTED	ORD 4614772	24-Jul-1989	2081152	10-Jun-1997	24-Jul-2009
TW	GRANTED	ORD 78106393		NI-42758	05-Mar-1991	11-Nov-2005
US	GRANTED	ORD 164749	07-Mar-1988	4875979	24-Oct-1989	24-Oct-2006
US	-2 GRANTED	CON 624475	10-Dec-1990	5110359	05-May-1992	05-May-2009
US	-3 GRANTED	DIV 755559	05-Sep-1991	5118287	02-Jun-1992	02-Jun-2009
YU	PENDING	ORD P1478/89	24-Jul-1989			24-Jul-2009
ZA	GRANTED	ORD 89/5627	24-Jul-1989	89/5627	31-Oct-1990	24-Jul-2009

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015783	FJM	FILED	METHOD FOR TREATING A GRAPHITE OR CARBON BODY TO FORM A PROTECTIVE COATING	COLEMAN, PD WISE, FE

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US -1 GRANTED	CON	725892	01-Jul-1991	5143749	01-Sep-1992	LE	01-Sep-2009	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
015962	FJM	FILED	HIGH STRENGTH CARBONACEOUS CEMENT	CHIU, CC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	2035983	08-Feb-1991	2035983	17-Sep-1996		08-Feb-2011	
DE	GRANTED	EPC	91301049.2	08-Feb-1991	0498097	05-Jul-1995		08-Feb-2011	
EP	GRANTED	ORD	91301049.2	08-Feb-1991	0498097	05-Jul-1995		08-Feb-2011	
ES	GRANTED	EPC	91301049.2	08-Feb-1991	2074222	05-Jul-1995		08-Feb-2011	
FR	GRANTED	EPC	91301049.2	08-Feb-1991	0498097	05-Jul-1995		08-Feb-2011	
GB	GRANTED	EPC	91301049.2	08-Feb-1991	0498097	05-Jul-1995		08-Feb-2011	
IT	GRANTED	EPC	91301049.2	08-Feb-1991	0498097	05-Jul-1995	EP	08-Feb-2011	
JP	Granted	ORD	104008/91	08-Feb-1991	2760910	20-Mar-1998		08-Feb-2011	
US	GRANTED	ORD	280974	07-Dec-1988	5002981	26-Mar-1991	LE	26-Mar-2008	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016259	FJM	FILED	METHOD OF ON-LINE MONITORING OF AN ELECTRIC ARC FURNACE AND METHOD OF CONTROL.	GULDEN, G PENKAL, KW

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BR	PENDING	ORD	PI9004217.4	27-Aug-1990				27-Aug-2005	
CA	GRANTED	ORD	2024089-0	27-Aug-1990	2024089	21-Nov-1995		27-Aug-2010	
DE	PENDING	EPC	90116235.4	24-Aug-1990				24-Aug-2010	
EP	GRANTED	ORD	90116235.4	24-Aug-1990	0415280	25-Sep-1996		24-Aug-2010	
ES	GRANTED	EPC	90116235.4	24-Aug-1990	2091781 T3	25-Sep-1996		24-Aug-2010	
FR	PUBLISHED	EPC	90116235.4	24-Aug-1990				24-Aug-2010	
GB	PENDING	EPC	90116235.4	24-Aug-1990				24-Aug-2010	
IT	PENDING	EPC	90116235.4	24-Aug-1990				24-Aug-2010	
MX	GRANTED	ORD		27-Aug-1990	173154	27-Sep-1995		27-Aug-2010	
US	GRANTED	ORD	398968	28-Aug-1989	5099438	24-Mar-1992	LE	24-Mar-2009	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016468	FJM	FILED	APPARATUS FOR TREATMENT OF PETROLEUM COKES WITH A PUFFING INHIBITOR IN A ROTARY CALCINER	ORAC, TH

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
DE	GRANTED	EPC	91203318.0	16-Dec-1991	0491442	01-Jun-1994		16-Dec-2011	
EG	GRANTED	ORD	760/91	16-Dec-1991	20210	30-Nov-1997		16-Dec-2011	
EP	GRANTED	ORD	91203318.0	16-Dec-1991	0491442	01-Jun-1994		16-Dec-2011	
ES	GRANTED	EPC	91203318.0	16-Dec-1991	0491442	01-Jun-1994		16-Dec-2011	
US	-4 GRANTED	CON	390922	15-Feb-1995	5478442	26-Dec-1995	LE	15-Feb-2015	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
016560	FJM	FILED	IMPROVEMENT IN ARC FURNACE REGULATOR PERFORMANCE	BOWMAN, BB

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	PENDING	ORD	2059062	09-Jan-1992				09-Jan-2012	
DE	GRANTED	EPC	92200056.7	09-Jan-1992	69201573.6	08-Mar-1995		09-Jan-2012	
EP	GRANTED	ORD	92200056.7	09-Jan-1992	0494720	08-Mar-1995		09-Jan-2012	
FR	GRANTED	EPC	92200056.7	09-Jan-1992	0494720	08-Mar-1995		09-Jan-2012	
IT	GRANTED	EPC	92200056.7	09-Jan-1992	0494720	08-Mar-1995	EP	09-Jan-2012	
MX	GRANTED	ORD	9200092	09-Jan-1992	180375	11-Dec-1995		09-Jan-2012	
US	GRANTED	ORD	639547	10-Jan-1991	5115447	19-May-1992	LE	19-May-2009	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017188	FJM	FILED	FASTENING ELEMENT FOR SECURING ELECTRODE JOINTS	BJORNESTAD, JL FRASTACI, M HOTCHKISS, OW MONCRIEF, HC SMITH, RE WISE, FE

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BE	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
DE	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
EP	PENDING	ORD	94100139.8	07-Jan-1994				07-Jan-2014	
ES	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
FR	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
GB	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
IN	PENDING	ORD		08-Dec-1993				08-Dec-2007	
IT	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
JP	Granted	ORD	006350/94	25-Jan-1994	2781332	15-May-1998		25-Jan-2014	
KR	PENDING	ORD	0689/94	17-Jan-1994					
LU	PENDING	EPC	94100139.8	07-Jan-1994				07-Jan-2014	
MX	GRANTED	ORD	9400373	11-Jan-1994	185080	20-Jun-1997		11-Jan-2014	
MY	PENDING	ORD	P19400066	11-Jan-1994					
TW	GRANTED	ORD	83102453	21-Mar-1994	N1086775	21-May-1997			
US	GRANTED	ORD	153624	17-Nov-1993	5415755	16-May-1995	LE	16-May-2012	

Wednesday, November 04, 1998

Master List By Division

Page: 86

Division GRER Graphite Electrode Related

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017198	FJM	FILED	CONTINUOUS METHOD FOR INCREASING THE Q.I. CONCENTRATION OF LIQUID TAR WHILE CONCURRENTLY PRODUCING A Q.I. FREE TAR	CHANG, CF GILLESKIE, GL KELLER, GE LEWIS, IC SHAO, RL
			UCAR Carbon Technology Corp	

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BR	PENDING	ORD	PI9601166-1	28-Mar-1996				11-Mar-2016	212
DE	PENDING	EPC	95308207.0	16-Nov-1995				16-Nov-2015	
EP	PUBLISHED	ORD	95308207.0	16-Nov-1995				16-Nov-2015	
ES	PENDING	EPC	95308207.0	16-Nov-1995				16-Nov-2015	
FR	PENDING	EPC	95308207.0	16-Nov-1995				16-Nov-2015	
IT	PENDING	EPC	95308207.0	16-Nov-1995				16-Nov-2015	
JP	PENDING	ORD	025672/96	13-Feb-1996			LE	13-Feb-2016	
US	GRANTED	ORD	341395	17-Nov-1994	5534133	09-Jul-1996	LE		
ZA	GRANTED	ORD	962599	01-Apr-1996	96/2599	31-Dec-1996		01-Apr-2016	

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors					
017253	FJM	FILED	FASTENING DEVICE FOR SECURING ELECTRODE JOINTS	FRASTACI, M					
UCAR Carbon Technology Corp									
Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BE	PENDING	EPC		29-Dec-1995				29-Dec-2015	
CA	PENDING	ORD	2167226	15-Jan-1996				15-Jan-2016	
CN	PUBLISHED	ORD	96104322.9	17-Jan-1996			PA	17-Jan-2016	160
DE	PENDING	EPC		29-Dec-1995				29-Dec-2015	
EP	PUBLISHED	ORD	96300288.6	16-Jan-1996				16-Jan-2016	
ES	PENDING	EPC		29-Dec-1995				29-Dec-2015	
FR	PENDING	EPC		29-Dec-1995				29-Dec-2015	
GB	PENDING	EPC		29-Dec-1995				29-Dec-2015	
IT	PENDING	EPC		29-Dec-1995				29-Dec-2015	
JP	PENDING	ORD	006811/96	18-Jan-1996				18-Jan-2016	
KR	PENDING	ORD	698/96	16-Jan-1996				16-Jan-2016	
MX	PENDING	ORD	960232	15-Jan-1996				15-Jan-2016	
MY	PENDING	ORD	P19600155	16-Jan-1996				16-Jan-2016	
TW	GRANTED	ORD	85100159	08-Jan-1996	NI084090	21-Jan-1997		08-Jan-2016	
US	GRANTED	ORD	374937	18-Jan-1995	5575582	19-Nov-1996	LE		

Division GRER Graphite Electrode Related

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors					
017345	FJM	FILED	PRE-HEATING FURNACE FOR BAKED AMORPHOUS CARBON BODIES	INTERMILL, AW NAGY, CC					
UCAR Carbon Technology Corp									
Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BE	PENDING	EPC		15-May-1996			LE		425
BR	PENDING	ORD	PI9602535-2	30-May-1996			LE	30-May-2011	212
CA	PENDING	ORD	2177750	30-May-1996			LE	30-May-2016	814
CN	Published	ORD	96110080.X	30-May-1996			LE		160
DE	PENDING	EPC		15-May-1996			LE		784
EP	PUBLISHED	ORD	96303960.7	31-May-1996			LE	31-May-2016	845
ES	PENDING	EPC		15-May-1996			LE		
FR	PENDING	EPC		15-May-1996			LE		812
IT	PENDING	EPC		15-May-1996			LE		064
JP	PENDING	ORD	136849/96	30-May-1996			LE	30-May-2016	460
MX	PENDING	ORD	962055	30-May-1996			LE	30-May-2016	612
MY	PENDING	ORD	PI9602065	29-May-1996			LE		805
PL	PENDING	ORD	P314521	29-May-1996			LE	29-May-2016	996
RU	PENDING	ORD	96110403	30-May-1996			LE	30-May-2016	901
US	Granted	ORD	454739	31-May-1995	5751759	12-May-1998	LE		

Division GRER Graphite Electrode Related

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017389	FJM	Open	GRAPHITE ELECTRODE WITH SLANTED END SURFACES FOR ELECTRIC-ARC FURNACES	

Remarks: WATCH SERVICE

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
DE WS FILED	ORD	P4215897.4							

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
017413	FJM	Filed	APPARATUS FOR LENGTHWISE GRAPHITIZATION (LWG) OF CARBON ELECTRODE BODIES	INTERMILL, AW LEHR, DA WISE, FE

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BE	FILED	EPC		08-Nov-1996					845
BR	FILED	ORD	PI9605639-8	20-Nov-1996					212
CA	FILED	ORD	2190680	19-Nov-1996					814
CN	PUBLISHED	ORD	96123339.7	20-Nov-1996					160
DE	FILED	EPC		08-Nov-1996					845
EG	FILED	ORD	1029/96	20-Nov-1996					306
EP	FILED	ORD	96308309.2	18-Nov-1996					845
ES	FILED	EPC		08-Nov-1996					845
FR	FILED	EPC		08-Nov-1996					845
GB	FILED	EPC		08-Nov-1996					845
IN	FILED	ORD	2540/DEL/199	19-Nov-1996					690
IR	Granted	ORD		08-Nov-1996	25862	07-Mar-1998		08-Nov-2016	031
IT	FILED	EPC		08-Nov-1996					845
JP	FILED	ORD	309763/96	20-Nov-1996					460
KR	FILED	ORD	55535/96	20-Nov-1996					588
MX	FILED	ORD	965697	19-Nov-1996					612

Division GRER Graphite Electrode Related

MY	FILED	ORD P19604796	19-Nov-1996			805
PL	FILED	ORD	20-Nov-1996			996
RO	FILED	ORD 96-02174	19-Nov-1996			701
RU	FILED	ORD 96122394	19-Nov-1996			901
SA	FILED	ORD	08-Nov-1996			803
TW	FILED	ORD 86100105	07-Jan-1997			970
US	GRANTED	ORD 561369	21-Nov-1995	5631919	20-May-1997	LEE
ZA	GRANTED	ORD 969732	19-Nov-1996	969732	27-Aug-1997	009

Wednesday, November 04, 1998

Master List By Division

Page: 95

Division GRER Graphite Electrode Related

Case Number	Attorney	Disclosure Status	Title	Inventors
030006	FJM	Open	PRODUCTION OF SOLIDS-FREE COAL TAR PITCH	CHANG, CF LEWIS, IC ORAC, TH SHAO, RL

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	PENDING	ORD	722469	27-Sep-1996			LE		
WO	PENDING	ORD	US97/16677	24-Sep-1997			LE		
ZA	Granted	ORD	978432	18-Sep-1997	97/8432	24-Jun-1998	LE	18-Sep-2017	

Wednesday, November 04, 1998

Master List By Division

Page: 96

Division GRER Graphite Electrode Related

Case

Number

030019

Attorney

FJM

Disclosure Status

Filed

Title

GRAPHITE ELECTRODES INCORPORATING
STRESS-RELIEVING SLOTS

Inventors

BOWMAN, B
WELCH, RR

UCAR Carbon Technology Corp

Sub

Country Case Status

US

Case Application

Type Number

ORD 136245

Filing

Date

19-Aug-1998

Patent

Number

Issue

Date

Tax

Schedule Date

Expiration

Date

Agent Agent Ref #

LF

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
013128	FJM	FILED	PROCESS FOR IMPROVED ACTIVATED CARBON	KAMPE, DJ SARANGAPANI, S

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	393988	30-Jun-1982	1187860	28-May-1985	LE	28-May-2002	
US	GRANTED	ORD	393988	30-Jun-1982	4438216	20-Mar-1984	LE	20-Mar-2001	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
013164	FJM	FILED	METAL CURRENT CARRIER FOR ELECTROCHEMICAL CELL ELECTRODES	EDWARDS, LG HOWARD, RA SARANGAPANI, S

UCAR Carbon Technology Corp

Sub Case	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	GRANTED	ORD	393390	29-Jun-1982	4476002	09-Oct-1984	LE	09-Oct-2001	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
013276	FJM	FILED	IMPROVED GAS DIFFUSION ELECTRODE	DOWELL, MB KAMPE, DJ

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	393389	29-Jun-1982	1217177	27-Jan-1987	L.E	27-Jan-2004	
US	GRANTED	ORD	393389	29-Jun-1982	4472460	18-Sep-1984	L.E	18-Sep-2001	

Wednesday, November 04, 1998

Master List By Division

Page: 100

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
013639	FJM	FILED	IMPROVED PROCESS OF MAKING ELECTROCHEMICAL ELECTRODES AND ELECTRODES MADE THEREBY	HOWARD, RA SIROCKY, PS

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD		1221658	12-May-1987		12-May-2004	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
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013676	FJM	FILED	PROCESS FOR MAKING PITCH-FREE GRAPHITIC ARTICLES	CRISCIONE, JM MONTGOMERY, LC
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UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
CA	PENDING	ORD 463252					14-Sep-1984

Wednesday, November 04, 1998

Master List By Division

Page: 102

Division GRSP Graphite Speciality

Case Number	Attorney	Disclosure Status	Title	Inventors
013800	FJM	FILED	OXIDATION PROHIBITIVE COATINGS FOR CARBONACEOUS ARTICLES	SARA, RV

UCAR Carbon Technology Corp

Sub Case	Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD		1228370	20-Oct-1987	OL	20-Oct-2004			

Wednesday, November 04, 1998

Master List By Division

Page: 103

Division GRSP Graphite Specialty

Case Number 014026

Attorney FJM

Disclosure Status FILED

Title IMPROVED NUCLEAR GRAPHITE AND PROCESS FOR MAKING SAME

Inventors CRISCIONE, JM
MERCURI, RA

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1228456	27-Oct-1987	OL	27-Oct-2004	
EP	GRANTED	ORD	84308849.3	18-Dec-1984	0146399	11-Jul-1990		18-Dec-2004	
FR	GRANTED	EPC	84308849.3	18-Dec-1984	0146399	11-Jul-1990		18-Dec-2004	
GB	GRANTED	EPC	84308849.3	18-Dec-1984	0146399	11-Jul-1990		18-Dec-2004	

Division GRSP Graphite Specialty

Case Number Attorney Disclosure Status Title Inventors

015104 FJM FILED PROCESS FOR PRODUCING HIGH DENSITY CARBON AND GRAPHITE ARTICLES CRJSCIONE, JM
MONTGOMERY, LC

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
EP	-1	GRANTED	ORD	89107849.5	29-Apr-1989	0340697	15-Dec-1993		29-Apr-2009	
FR	-1	GRANTED	EPC	89107849.5	29-Apr-1989	0340697	15-Dec-1993		29-Apr-2009	
GB	-1	GRANTED	EPC	89107849.5	29-Apr-1989	0340697	15-Dec-1993		29-Apr-2009	
IT	-1	GRANTED	EPC	89107849.5	29-Apr-1989	0340697	15-Dec-1993	EP	29-Apr-2009	
JP	-1	GRANTED	ORD	113514/89	02-May-1989	2505880	02-Apr-1996		02-May-2009	
US	-1	GRANTED	CIP	189762	03-May-1988	4847021	11-Jul-1989	1E	11-Jul-2006	

Wednesday, November 04, 1998

Master List By Division

Page: 105

Division GRSP Graphite Specialty

Case

Number

Attorney

Disclosure Status

Title

Inventors

015147

FJM

FILED

IMPROVED BINDER SYSTEM FOR
CASTABLE CERAMICS

MANDORF, V

UCAR Carbon Technology Corp

Sub

Case Application

Filing

Patent

Issue

Expiration

Country Case Status

Type Number

Date

Number

Tax

Schedule

Agent

Agent Ref #

US

GRANTED

ORD 808750

13-Dec-1985

4735974

05-Apr-1988

1.E

05-Apr-2005

Division GRSP Graphlute Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
015656	FJM	FILED	TOPICAL TREATMENT FOR SEALING CARBON AND GRAPHITE SURFACES	NOE, JB

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	-1	GRANTED	ORD 2003653.2	22-Nov-1989	2003653	09-Jul-1996		22-Nov-2009	Sim	
EP		GRANTED	ORD 88305478.5	15-Jun-1988	0296757	01-Dec-1993		15-Jun-2008		
EP	1	OPPOSITION	ORD 88305478.5	15-Jun-1988	0296757	01-Dec-1993		15-Jun-2008		
IT		GRANTED	EPC 88305478.5	15-Jun-1988	0296757	01-Dec-1993	EP	15-Jun-2008		
IT	1	GRANTED	EPC 89312144.2	22-Nov-1989	0370799	17-Mar-1993	EP	22-Nov-2009		
US		GRANTED	ORD 274778	23-Nov-1988	5019426	28-May-1991	IE	28-May-2008		

Division GRSP Graphite Specialty

Case Number Attorney Disclosure Status Title Inventors

016258 FJM FILED A PROCESS FOR ISOSTATIC MOLDING MILLER, DJ

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	GRANTED	EPC	91118812.6	05-Nov-1991	0540771	18-Jan-1995		05-Nov-2011	
EP	GRANTED	ORD	91118812.6	05-Nov-1991	0540771	18-Jan-1995		05-Nov-2011	
FR	GRANTED	EPC	91118812.6	05-Nov-1991	0540771	18-Jan-1995		05-Nov-2011	
JP	PENDING	ORD	318449/91	06-Nov-1991					
US	GRANTED	ORD	495640	19-Mar-1990	5107437	21-Apr-1992	LE	21-Apr-2009	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
016397	FJM	FILED	TERNARY BRAZING ALLOY FOR CARBON OR GRAPHITE	SARA, RV

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US GRANTED	ORD	633409	21-Dec-1990	5102621	07-Apr-1992	LE	07-Apr-2009	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
016440	FJM	FILED	PROCESS FOR PRODUCING HIGH SURFACE AREA ACTIVATED CARBON	BALL, DR GREINKE, RA LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD	2047474	19-Jul-1991	2047474	03-Sep-1996		19-Jul-2011	
DE	GRANTED	EPC	91201910.6	19-Jul-1991	0467486	29-Mar-1995		19-Jul-2011	
EP	GRANTED	ORD	91201910.6	19-Jul-1991	0467486	29-Mar-1995		19-Jul-2011	
FR	GRANTED	EPC	91201910.6	19-Jul-1991	0467486	29-Mar-1995		19-Jul-2011	
GB	GRANTED	EPC	91201910.6	19-Jul-1991	0467486	29-Mar-1995		19-Jul-2011	
JP	PENDING	ORD	203324/91	19-Jul-1991					
US	GRANTED	ORD	554810	20-Jul-1990	5102855	07-Apr-1992	LE	07-Apr-2009	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
016593	FJM	FILED	HIGH SURFACE AREA SULFUR-CONTAINING ACTIVATED CARBON	GREINKE, RA LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
DE	PENDING	ORD	P4314461.6	03-May-1993				03-May-2013	
JP	PENDING	ORD	104008/93	30-Apr-1993					
US	-2 GRANTED	CON	670142	27-Jun-1996	5639707	17-Jun-1997	LE		

Division GRSP Graphite Speciality

Case Number	Attorney	Disclosure Status	Title	Inventors
016828	FJM	FILED	A GLASSY CARBON COATED GRAPHITE COMPONENT FOR USE IN THE PRODUCTION OF SILICON CRYSTAL GROWTH	LEWIS, IC MILLER, DJ PIRRO, TA

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	PENDING	EPC	92114513.2	26-Aug-1992				26-Aug-2012	
FR	PENDING	EPC	92114513.2	26-Aug-1992				26-Aug-2012	
IT	PENDING	EPC	92114513.2	26-Aug-1992				26-Aug-2012	
JP	PENDING	ORD	230586/92	28-Aug-1992					
US	-2 GRANTED	CON	434495	04-May-1995	5476679	19-Dec-1995	LE	04-May-2015	

Wednesday, November 04, 1998

Master List By Division

Page: 112

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
016850	FJM	FILED	PITCH BASED IMPREGNANT FOR CARBON AND GRAPHITE AND METHOD	LEWIS, IC PIRRO, TA

UCAR Carbon Technology Corp

Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US -2	GRANTED	CON	504187	19-Jul-1995	5501729	26-Mar-1996	LE		

Wednesday, November 04, 1998

Master List By Division

Page: 113

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
017199	FJM	Open	METHODS FOR FORMING TITANIUM-SILICON CARBIDE COATINGS ON CARBONACEOUS ARTICLES	SARA, RV SHAO, RL

UCAR Carbon Technology Corp

Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	UNFILED	ORD						LE

Wednesday, November 04, 1998

Master List By Division

Page: 114

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
030001	FJM	Open	CHEMICALLY MODIFIED GRAPHITE FOR ELECTROCHEMICAL CELLS	GREINKE, RA LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
DE	Published	ORD	19722487.3	28-May-1997			LE	28-May-2016	
JP	PENDING	ORD	138974/97	28-May-1996			LE	28-May-2016	
US	Granted	ORD	654660	29-May-1996	5756062	26-May-1998	LE		

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
030002	FJM	Open	COMPACTED CARBON FOR ELECTROCHEMICAL CELLS	GREINKE, RA LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
DE	PENDING	EPC		14-Nov-1996						
EP	PUBLISHED	ORD	96308639.2	29-Nov-1996						
GB	PENDING	EPC		14-Nov-1996						
JP	PENDING	ORD	320156/96	29-Nov-1996						
US	GRANTED	ORD	654644	29-May-1996	5677082	14-Oct-1997			LE	

Division GRSP Graphite Specialty

Case Number	Attorney	Disclosure Status	Title	Inventors
030003	FJM	Open	HETEROATOM INCORPORATED COKE FOR ELECTROCHEMICAL CELLS	GREINKE, RA LEWIS, IC

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
DE	GRANTED	ORD	19703954.5	03-Feb-1997	19703954	04-Dec-1997	LE			
JP	PENDING	ORD	022949/97	05-Feb-1997			LE			
US	GRANTED	ORD	654661	29-May-1996	5639576	17-Jun-1997	LE			

Master List By Division

Wednesday, November 04, 1998

Division NCB Not Current Business

Case Number	Attorney	Disclosure Status	Title	Inventors
010606	FJM	FILED	OXIDATION RESISTANT POROUS ABRADABLE SEAL MEMBER FOR HIGH TEMPERATURE SERVICE	SARA, RV

UCAR Carbon Technology Corp

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA		GRANTED	ORD			1097102	10-Mar-1981		10-Mar-1998		
US	-1	GRANTED	CON			4155755	22-May-1979		22-May-1996		
US	-2	GRANTED	CON			4251272	17-Feb-1981		17-Feb-1998		

Master List By Division

Wednesday, November 04, 1998

Division NCB Not Current Business

Inventors

Case Number	Attorney	Disclosure Status	Title	Inventors
010644	FJM	FILED	NITROGEN LINKED CYCLIC POLYETHER ION BINDING POLYMERIC LIQUID PURIFICATION MATERIAL	FROST, LW

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD	1045747	02-Jan-1979		02-Jan-1996		

Master List By Division

Wednesday, November 04, 1998

Division NCB Not Current Business

Case Number	Attorney	Disclosure Status	Title	Inventors
010661	FJM	FILED	HIGH STRENGTH CAST MODULES FOR SUPPORTING REVERSE OSMOSIS MEMBRANES	MEIER, JF SMITH, JDB

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
CA GRANTED	ORD		1083496	12-Aug-1980		12-Aug-1997		

Wednesday, November 04, 1998

Master List By Division

Division NCB Not Current Business

Case Number	Attorney	Disclosure Status	Title	Inventors
011326	FJM	FILED	STRESS RELIEVING OF METALS/CERAMIC ABRADABLE SEALS	ELBERT, RJ SARA, RV

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
CA	GRANTED	ORD			1104800	14-Jul-1981		14-Jul-1998		
US	GRANTED	ORD			4194673	25-Mar-1980		25-Mar-1997		

Division NCB Not Current Business

Case Number	Attorney	Disclosure Status	Title	Inventors
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011352	FJM	FILED	ELECTROLYTIC CELL BOTTOM BARRIER FORMED FROM EXPANDED GRAPHITE	VADLA, JJ WILDER, HJ
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UCAR Carbon Technology Corp

Keyword(s):

GRAFOIL

Sub Country	Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
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US	GRANTED	ORD			4175022	20-Nov-1979		20-Nov-1996	
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Division NCB Not Current Business

Case Number	Attorney	Disclosure Status	Title	Inventors
012239	FJM	FILED	DEFORMATION PROCESS FOR PRODUCING STRESS RELIEVED METAL/CERAMIC ABRADABLE SEALS	SARA, RV
			UCAR Carbon Technology Corp	

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1151698	09-Aug-1983		09-Aug-2000	
CA	-1 GRANTED	DIV			1163284	06-Mar-1984		06-Mar-2001	
EP	GRANTED	ORD	79105272.3	19-Dec-1979	0012995	16-Feb-1983		19-Dec-1999	
US	GRANTED	ORD			4243169	06-Jan-1981		06-Jan-1998	
US	-1 GRANTED	DIV		24-Jul-1980	4379812	12-Apr-1983	NT	12-Apr-2000	

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
015720	FJM	FILED	FURNACE COOLING SYSTEM AND METHOD	ENGSTROM, RJ HEGGART, RG MCCLINTOCK, WK

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AR		GRANTED	ORD			237447	29-Jul-1988		29-Jul-2003	
AT		GRANTED	EPC	85905348.0	15-Oct-1985	59101	12-Dec-1990	EP	15-Oct-2005	
AU		GRANTED	PCT		15-Oct-1985	592957	01-Aug-1990		15-Oct-2005	
BE		GRANTED	EPC	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
BR		GRANTED	PCT	P18506980.9	15-Oct-1985	P18506980.9	25-Sep-1990		15-Oct-2000	
CA		GRANTED	ORD			1257473	18-Jul-1989		18-Jul-2006	
CH		GRANTED	EPC	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
DE		GRANTED	EPC	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
EP		GRANTED	PCT	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
EP	-1	MAINTAINED	ORD	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
ES		GRANTED	ORD	547797		547797	14-Jan-1987	OL	14-Jan-2007	
ES	-1	GRANTED	DIV	557110		557110	26-Aug-1987	OL	26-Aug-2007	
FR		GRANTED	EPC	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	
GB		GRANTED	EPC	85905348.0	15-Oct-1985	0197137	12-Dec-1990		15-Oct-2005	

Division	SCS	Spray Cool System							
IN	GRANTED	ORD	10-Oct-1985	164917	31-Jul-1989				10-Oct-1999
IT	GRANTED	EPC 85905348.0	15-Oct-1985	0197137	12-Dec-1990	EP			15-Oct-2005
JP	GRANTED	PCT 504735785	15-Oct-1985	1662032	19-May-1992				15-Oct-2005
KR	GRANTED	PCT	15-Oct-1985	54670	16-Sep-1992	OL			15-Oct-2005
LU	GRANTED	EPC 85905348.0	15-Oct-1985	0197137	12-Dec-1990				15-Oct-2005
NL	GRANTED	EPC 85905348.0	15-Oct-1985	0197137	12-Dec-1990	OL			15-Oct-2005
NO	GRANTED	PCT	15-Oct-1985	169198	20-May-1992				15-Oct-2005
SE	GRANTED	EPC 85905348.0	15-Oct-1985	0197137	12-Dec-1990	EP			15-Oct-2005
US	GRANTED	ORD 900168	08-Aug-1986	4715042	22-Dec-1987	LE			22-Dec-2004
US	-1	GRANTED	DIV 136692	4813055	14-Mar-1989	LE			14-Mar-2006
VE	PENDING	ORD 1746785	31-Oct-1985						31-Oct-2005

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
015847	FJM	FILED	COMBINATION LEFT AND RIGHT HANDED FURNACE ROOF	MINER, FH SIFTER, AM

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
CA	GRANTED	ORD			1332069	20-Sep-1994	OL	20-Sep-2011	
DE	GRANTED	EPC	89113025.4	15-Jul-1989	0367906	27-Oct-1993		15-Jul-2009	
EP	GRANTED	ORD	89113025.4	15-Jul-1989	0367906	27-Oct-1993		15-Jul-2009	
ES	GRANTED	EPC	89113025.4	15-Jul-1989	2045283	27-Oct-1993		15-Jul-2009	
FR	GRANTED	EPC	89113025.4	15-Jul-1989	0367906	27-Oct-1993		15-Jul-2009	
JP	GRANTED	ORD	185855/89	18-Jul-1989	1982930	08-Feb-1995		18-Jul-2009	
MX	GRANTED	ORD		18-Jul-1989	165492	13-Nov-1992		18-Jul-2009	
US	GRANTED	ORD	259898	19-Oct-1988	4849987	18-Jul-1989	LE	18-Jul-2006	
ZA	GRANTED	ORD	89/5475	18-Jul-1989	89/5475	25-Jul-1990		18-Jul-2009	

Division SCS Spray Cool System

Case Number Attorney Disclosure Status Title Inventors

015848 FJM FILED IMPROVED COOLING SYSTEM AND METHOD FOR MOLTEN MATERIAL HANDLING VESSELS BURWELL, WH

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case	Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AR		GRANTED	ORD			242523	30-Apr-1993		30-Apr-2008		
CA		GRANTED	ORD			1317103	04-May-1993	OL	04-May-2010		
CN		Granted	ORD	89100163	10-Jan-1989	38990	22-Nov-1997	OP	10-Jan-2004		
DE		GRANTED	EPC	88312270.7	23-Dec-1988	0335042	15-Dec-1993		23-Dec-2008		
EP		GRANTED	ORD	88312270.7	23-Dec-1988	0335042	15-Dec-1993		23-Dec-2008		
EP	-1	OPPOSITION	ORD	88312270.7	23-Dec-1988	0335042	15-Dec-1993		23-Dec-2008		
GB		GRANTED	EPC	88312270.7	23-Dec-1988	0335042	15-Dec-1993		23-Dec-2008		
IN		GRANTED	ORD		09-May-1988	172743	05-Aug-1994		09-May-2002		
JP		GRANTED	ORD	335714/88	28-Dec-1988	2583301	21-Nov-1996				
KR		GRANTED	ORD	88-17937	30-Dec-1988	67764	17-Nov-1993	OL	30-Dec-2008		
MX		GRANTED	ORD		15-Dec-1988	165295	04-Nov-1992		15-Dec-2008		
PL		GRANTED	ORD		23-Jan-1989	161418	19-Jan-1994		23-Jan-2009		
RU		GRANTED	ORD		05-Jan-1989	1739861	07-Jun-1992		05-Jan-2009		
TW		GRANTED	ORD			NI-41225	20-Dec-1990		11-Sep-2005		

Division SCS Spray Cool System

US GRANTED ORD 165609 08-Mar-1988 4815096 LE 21-Mar-1989 21-Mar-2006

Division SCS Spray Cool System

Case Number 016709
 Attorney FJM
 Disclosure Status FILED
 Title COOLING SYSTEM FOR FURNACE ROOF HAVING A REMOVABLE DELTA
 Inventors ARTHUR, MT
 MINER, FH

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent	Agent Ref #
AT	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995	EP	17-Jan-2012		
BE	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
CH	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
CN	PENDING	ORD	92100328	17-Jan-1992			OP	17-Jan-2007		
DE	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
DK	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995	EP	17-Jan-2012		
EP	GRANTED	ORD	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
ES	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
FR	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
GB	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
GR	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		
IT	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995	EP	17-Jan-2012		
JP	PENDING	ORD	005689/92	16-Jan-1992						
LU	GRANTED	EPC	92200140.9	17-Jan-1992	0506151	19-Apr-1995		17-Jan-2012		

Division SCS Spray Cool System

MX	GRANTED	ORD 9200219	17-Jan-1992	178843	21-Jul-1995	17-Jan-2012
NL	GRANTED	EPC 92200140.9	17-Jan-1992	0506151	19-Apr-1995	17-Jan-2012
RU	GRANTED	ORD 5010774	17-Jan-1992	2065554	20-Aug-1996	17-Jan-2012
SE	GRANTED	EPC 92200140.9	17-Jan-1992	0506151	19-Apr-1995	17-Jan-2012
TW	GRANTED	ORD		NI-63118	01-Dec-1993	11-Jul-2008
US	GRANTED	ORD 676528	28-Mar-1991	5115184	19-May-1992	19-May-2009
ZA	GRANTED	ORD 92/0356	17-Jan-1992	92/0356	25-Nov-1992	17-Jan-2012

Division SCS Spray Cool System

Case Number 017069 Attorney FJM Disclosure Status FILED Title WATCH SERVICE ON GERMAN PUBLICATION DE 4103508 Inventors

UCAR Carbon Technology Corp
 Keyword(s):
 SPRAY COOL SYSTEM

Country	Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
BR	OPPOSITION ORD	9204119-1	17-Nov-1993	9204119-1	25-Aug-1998		17-Nov-2013	
DE	WS PENDING ORD		11-Nov-1992				11-Nov-2012	

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
017070	FJM	FILED	DEVICE FOR RELIEF OF THERMAL STRESS IN SPRAY COOLED FURNACE ELEMENTS	ARTHUR, MT ROBERTS, GR

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AR	Granted	ORD	326998	22-Dec-1993	251508	02-Feb-1998		22-Dec-2013	
DE	Granted	EPC	93203637.8	22-Dec-1993	69318272	29-Apr-1998		22-Dec-2013	
FR	PENDING	EPC	93203637.8	22-Dec-1993				22-Dec-2013	
GB	PENDING	EPC	93203637.8	22-Dec-1993				22-Dec-2013	
ID	PENDING	ORD	P-007310	23-Dec-1993				23-Dec-2009	
IT	GRANTED	EPC	93203637.8	22-Dec-1993	21356/BE/98	01-Apr-1998		22-Dec-2013	
JP	PENDING	ORD	348097/93	24-Dec-1993					
KR	PENDING	ORD	28983/93	22-Dec-1993					
MX	GRANTED	ORD	9400216	03-Jan-1994	185077	20-Jun-1997		03-Jan-2014	
US	GRANTED	ORD	995089	23-Dec-1992	5327453	05-Jul-1994	LE	05-Jul-2011	

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
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017106	FJM	FILED	DEVICE FOR LIFTING AND MOVING THE ROOF OF A SPRAY COOLED FURNACE	ARTHUR, MT MINER, FH
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UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
AR	GRANTED	ORD	327441	17-Feb-1994	250611	29-Apr-1997			
AT	GRANTED	EPC	94200351.8	17-Feb-1994	E157161	25-Feb-1998		17-Feb-2014	
BE	PENDING	EPC	94200351.8	17-Feb-1994	0611939			17-Feb-2014	
BR	PENDING	ORD	P19400593.1	17-Feb-1994				17-Feb-2009	
CA	PENDING	ORD	2115868	17-Feb-1994				17-Feb-2014	
CH	PENDING	EPC	94200351.8	17-Feb-1994				17-Feb-2014	
DE	PENDING	EPC	94200351.8	17-Feb-1994	0611939			17-Feb-2014	
DK	PENDING	EPC	94200351.8	17-Feb-1994				17-Feb-2014	
EP	GRANTED	ORD	94200351.8	17-Feb-1994	0611939	20-Aug-1997		17-Feb-2014	
ES	GRANTED	EPC	94200351.8	17-Feb-1994	0611939	21-Oct-1997		17-Feb-2014	
FR	GRANTED	EPC	94200351.8	17-Feb-1994	0611939	20-Aug-1997		17-Feb-2014	
GB	PENDING	EPC	94200351.8	17-Feb-1994				17-Feb-2014	
GR	Granted	EPC	970402571	17-Feb-1994	3024930	03-Oct-1997		17-Feb-2014	
ID	PENDING	ORD	P-00243	17-Feb-1994				17-Feb-2010	

Division SCS Spray Cool System

IE	PENDING	EPC 94200351.8	17-Feb-1994	E75934		17-Feb-2014
IT	GRANTED	EPC 94200351.8	17-Feb-1994	26170/BE/97	07-Aug-1997	
JP	PENDING	ORD 019405/94	16-Feb-1994			
KR	PENDING	ORD 2782/94	17-Feb-1994			
LU	PENDING	EPC 94200351.8	17-Feb-1994			17-Feb-2014
MC	PENDING	EPC 94200351.8	17-Feb-1994			17-Feb-2014
MY	PENDING	ORD P19400365	17-Feb-1994			
NL	GRANTED	EPC 94200351.8	17-Feb-1994	0611939	20-Aug-1997	17-Feb-2014
PT	GRANTED	EPC 94200351.8	17-Feb-1994	0611939	18-Sep-1997	17-Feb-2014
SE	GRANTED	EPC 94200351.8	17-Feb-1994	0611939	20-Aug-1997	17-Feb-2014
TH	PENDING	ORD 021574	17-Feb-1994			17-Feb-2014
TW	PUBLISHED	ORD 83102466	19-Mar-1994	NI071701		19-Mar-2014
US	GRANTED	ORD 019203	18-Feb-1993	5444734	22-Aug-1995	22-Aug-2012

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
017148	FJM	FILED	SPRAY COOLED HOOD SPRAY FOR HANDLING HOT GASES FROM A METALLURGICAL VESSEL UTILIZING PNEUMATIC PROCESSING OF MOLTEN METAL	ARTHUR, MT LEHR, DA ROBERTS, GR
			UCAR Carbon Technology Corp	

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AT	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
AU	GRANTED	ORD	59343/94	07-Apr-1994	664526	16-Nov-1995		07-Apr-2014	
BR	PENDING	ORD	PI9401436-1	07-Apr-1994				07-Apr-2009	
CA	PENDING	ORD	2120794	07-Apr-1994				07-Apr-2014	
CN	Granted	ORD	94105287.7	07-Apr-1994	1039656	13-May-1998	PA	07-Apr-2014	
DE	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
EP	PENDING	ORD	94105308.4	06-Apr-1994				06-Apr-2014	
FR	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
GB	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
GR	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
IT	PENDING	EPC	94105308.4	06-Apr-1994				06-Apr-2014	
JP	Granted	ORD	069292/94	07-Apr-1994	280+228	17-Jul-1998		06-Apr-2014	
KR	PENDING	ORD	7239/94	07-Apr-1994				07-Apr-2014	

Division SCS Spray Cool System

MX	GRANTED	ORD 9402535	07-Apr-1994	184559	28-Apr-1997	07-Apr-2014
RU	GRANTED	ORD 94011569	07-Apr-1994	2080392	27-May-1997	07-Apr-2014
TW	GRANTED	ORD 83103545	21-Apr-1994	NI081555	18-Feb-1997	
US	GRANTED	ORD 088800	08-Jul-1993	5330161	19-Jul-1994	19-Jul-2011
ZA	GRANTED	ORD 94/2406	07-Apr-1994	94/2406	22-Feb-1995	07-Apr-2014

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
017247	FJM	FILED	COOLING SYSTEM FOR A TWO COMPONENT FURNACE ROOF	ARTHUR, MT MINER, FH

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
BR	PENDING	ORD	P195052500	21-Nov-1995				21-Nov-2010	
CN	PUBLISHED	ORD	95121870.0	21-Nov-1995			PA	21-Nov-2015	
DE	PENDING	EPC	95308371.4	22-Nov-1995				22-Nov-2015	
EP	PUBLISHED	ORD	95308371.4	22-Nov-1995				22-Nov-2015	
ES	PENDING	EPC	95308371.4	22-Nov-1995				22-Nov-2015	
FR	PENDING	EPC	95308371.4	22-Nov-1995				22-Nov-2015	
GB	PENDING	EPC	95308371.4	22-Nov-1995				22-Nov-2015	
IT	PENDING	EPC	95308371.4	22-Nov-1995				22-Nov-2015	
JP	PENDING	ORD	328017/95	22-Nov-1995				22-Nov-2015	
RU	PENDING	ORD	95120005.00	21-Nov-1995				21-Nov-2015	
TW	GRANTED	ORD	84114183	30-Dec-1995	NI082401	15-Oct-1996		30-Dec-2015	
US	GRANTED	ORD	343249	22-Nov-1994	5648981	15-Jul-1997	1.E		

Division SCS Spray Cool System

Case Number 017285
 Attorney FJM
 Disclosure Status FILED
 Title MODULAR SPRAY COOLED SIDE-WALL FOR ELECTRIC ARC FURNACES
 Inventors ARTHUR, MT
 BURWELL, WH
 LEHR, DA
 MINER, FH
 ROBERTS, GR
 UCAR Carbon Technology Corp
 Keyword(s):
 SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AR	PUBLISHED	ORD	P960102328	26-Apr-1996			LE		
AU	PENDING	ORD	5083396	24-Apr-1996			LE		
BR	PENDING	ORD	PI 9602083-0	26-Apr-1996			LE	26-Apr-2011	212
CA	PENDING	ORD	2175109	26-Apr-1996			LE	26-Apr-2016	
CN	PUBLISHED	ORD	96108923.7	26-Apr-1996			LE	26-Apr-2016	
DE	PENDING	EPC		15-Apr-1996			LE		
EP	PUBLISHED	ORD	96302901.2	25-Apr-1996			LE	25-Apr-2016	
FR	PENDING	EPC		15-Apr-1996			LE		
GB	PENDING	EPC		15-Apr-1996			LE		
IT	PENDING	EPC		15-Apr-1996			LE		
JP	PENDING	ORD	107509/96	26-Apr-1996			LE		
KR	PENDING	ORD	14152/96	26-Apr-1996			LE		
RU	PENDING	ORD	96107979	25-Apr-1996			LE	25-Apr-2016	
TW	Granted	ORD	85109269	30-Jul-1996		04-Jul-1998	LE	30-Jul-2016	

Division SCS Spray Cool System

US	GRANTED	ORD 429923	27-Apr-1995	5561685	01-Oct-1996	LE
ZA	Granted	ORD 963318	25-Apr-1996	96/3318	29-Jan-1997	LE

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
030004	FJM	Open	FURNACE COOLING APPARATUS	

UCAR CARBON TECH/DAIDO STEEL

Keyword(s):

NOTE: REF P-FILE 1360-15-2-1

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
JP	Granted	ORD 1-210958	2753540	13-Jan-1998			750

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
030005	FJM	Open	DAIDO STEEL CO., LTD.	

UCAR CARBON TECH/DAIDO STEEL

Keyword(s):

SPRAY COOL SYSTEM

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent	Agent Ref #
JP	UNFILED	ORD 1-2252286						750

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
030007	FJM	Open	PANELIZED SPRAY-COOLED FURNACE ROOF	ARTHUR, MT BELLWOOD, E

UCAR Carbon Technology Corp

Keyword(s):

SPRAY COOL SYSTEM

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
AR	PENDING	ORD	P970104438	26-Sep-1997			LE		
TW	PENDING	ORD	86114030	24-Sep-1997			LE		
US	PENDING	ORD	722362	27-Sep-1996			LE		
WO	PENDING	ORD	US97/16676	24-Sep-1997			LE		
ZA	Granted	ORD	978430	18-Sep-1997	97/8430	24-Jun-1998	LE	18-Sep-2017	

Wednesday, November 04, 1998

Master List By Division

Page: 142

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
030017	FJM	Filed	NOZZLE FOR SPRAYING LIQUIDS	ARTHUR, MT MINER, FH

UCAR Carbon Technology Corp

Sub Case Status	Case Application Type Number	Filing Date	Patent Number	Issue Date	Tax Schedule Date	Expiration Date	Agent Ref #
US Pending	ORD 135741	18-Aug-1998					LE

Wednesday, November 04, 1998

Master List By Division

Page: 143

Division SCS Spray Cool System

Case Number	Attorney	Disclosure Status	Title	Inventors
030020	FJM	Filed	INTEGRAL SPRAY COOLED FURNACE ROOF AND FUME ELBOW	ARTHUR, MT MINER, FH

UCAR Carbon Technology Corp

Country	Sub Case Status	Case Type	Application Number	Filing Date	Patent Number	Issue Date	Tax Schedule	Expiration Date	Agent Ref #
US	Filed	ORD	132801	13-Aug-1998			LE		

SCHEDULE II
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

TRADEMARKS, TRADEMARK REGISTRATIONS AND
TRADEMARK REGISTRATION APPLICATIONS

<i>Serial No. or Registration No.</i>	<i>Country</i>	<i>Issue or File Date</i>	<i>Mark</i>
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See Attached

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1099	Renewing	1301614	26-Jul-1988	26-Jul-1998	
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Country: Argentina

Owner: Union Carbide Corporation

Agent: MARV Marval, O'Farrell & Mairal

Classes: 1

Remarks: Undertaking given by UCC to Messrs. Alexander Gross [Berlin] [ECCAR].
Assignment/change of name recorded 6/2/94.
Merger/change of name recorded 12/28/95.

Goods: Graphite and carbon for general industrial uses.

UCAR

		MR	1100	Renewing	1301621	26-Jul-1988	26-Jul-1998	
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Country: Argentina

Owner: Union Carbide Corporation

Agent: MARV Marval, O'Farrell & Mairal

Classes: 9

Remarks: Undertaking given by UCC to Messrs. Alexander Gross [Berlin] [ECCAR].
Assignment/Change of name recorded 6/2/94.
Merger/Change of name recorded 12/28/95.

Goods: Electrodes and anodes and connecting pins for electrodes and anodes, electric dry cells and batteries and storage batteries.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1101	Renewing		A214,416	24-Oct-1998	
Country: Australia		Owner: Union Carbide Corporation				24-Oct-1988		
		Agent: CALL Callinan Lawrie						
		Classes: 1						
		Remarks: Associated with 187,860 and 214,417.						
		Assignment and Ch/Name recorded 1/22/93.						
		Merger & CH/Name recorded 1/15/97.						
		Goods: Graphite and carbon for general industrial uses.						
UCAR		MR	1102	Registered		A214417	24-Oct-2002	
Country: Australia		Owner: Union Carbide Corporation				24-Oct-1988		
		Agent: CALL Callinan Lawrie						
		Classes: 9						
		Remarks: Associated with 187,860 and 214,416. Assignment & Ch/Name recorded 1/22/93. Merger & Ch/Name recorded Jan.15, 1997.						
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1104	Registered		60703	30-Nov-2007	
Country: Austria		Owner: Union Carbide Corporation				30-Nov-1997		
		Agent: PUCH Patentanwalte Puchberger						

Classes: 4 22B-23

Remarks: Assignment/change of name recorded 4/28/92.
 Merger/change of name recorded 8/21/95.
 Shared with Ralston.

Goods: Class 4: Flashlights, electric flashlights, lighting and heating apparatus, electric lamps, electric lamp bulbs, electric torches and parts thereof, heat exchangers and parts thereof, carbons for electric lighting purposes. Class 22B, physical, chemical and electro-technical apparatus, flashlight apparatus, flashlight bulbs, industrial-chemical installations, industrial-chemical installations in the form of scrubbing, adsorption, fractionating and stripping, towers and columns and parts thereof. Pipes, tubes and valves all made of carbon and graphite and being parts of industrial-chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations. Class 23, apparatus for heating and hardening and plating metal, gas operated apparatus of this kind.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1105	Registered		1912	06-Jul-2001	
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Country: Belize
 Owner: Union Carbide Corporation
 Classes: 9

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 (Schedule IV) for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.
 Remarks:

UCAR		MR	1106	Renewing		37050-A	29-Nov-1997	
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Country: Bolivia
 Owner: Union Carbide Corporation
 Agent: LAND Landivar & Landivar
 Classes: 1

Remarks: Assignment to UCC Holdings recorded 12/5/90.
 Assignment to UCC recorded 2/7/91.
 Merger and change/name recorded 1/23/96.

Goods: Graphite and carbon for general industrial uses.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1107	Renewing		37043-A	29-Nov-1997	
Country: Bolivia	Owner: Union Carbide Corporation					29-Nov-1987		
	Agent: LAND, Landivar & Landivar							
	Classes: 9			Remarks: Assignment to UCC Holdings recorded 12/5/90.				
				Assignment to UCC recorded 2/7/91.				
				Merger and change/name recorded 1/23/96.				
	Goods: Electrodes and anodes and connecting pins for same.							

UCAR		MR	1108	Registered		U.K. 1,000	06-Jul-2001	
Country: Botswana	Owner: Union Carbide Corporation					06-Nov-1987		
	Agent: ADAM Adams & Adams							
	Classes: 9			Remarks: Based on U.K. Reg. No. 896862 dated 7/6/66.				
				Merger & ch/name recorded 1/10/96.				
	Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.							

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1109	Registered		007175370	09-Mar-2000	
Owner: Union Carbide Corporation Classes: 6 Goods: Electrodes, anodes and connecting pins for electrodes and anodes. Remarks: Merger/Ch of name recorded 6/11/96.								
UCAR		MR	1110	Registered		9244	04-Dec-2003	
Owner: Union Carbide Corporation Agent: MAGA Magarita V. Harizanova Classes: 9 Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardenint metal, and carbon for electrical purposes. Remarks: Assignment & Ch/name recorded. Merger/change of name 8/4/95.								
UCAR		MR	1111	Registered		171356	18-Sep-2000	
Owner: Union Carbide Corporation Agent: SIM Sim & McBurney Goods: Graphite electrodes and connecting pins therefor. Remarks: Associated with Reg. No. 161262. Assignment and change/name recorded 11/23/90. Merger and change/name recorded.								

TRADEMARK

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1113	Renewing		330814	18-May-1998	
Owner: Union Carbide Corporation Agent: ESTU Estudio Federico Villascca Classes: 1 4 9								
Remarks: Assignment and change/name recorded 2/7/90 and 4/6/90. Merger and change/name recorded 3/15/96.								
Goods: Natural mineral substances, elaborated and prepared for industrial use, especially graphite and carbon and all other goods in class 1. Graphite and carbon used as lubricants or ingredients for various purposes, mineral greases and all other goods in class 4. Electrodes, anodes and connecting pins for the same, electric batteries and dry cells (class 9).								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1114	Renewing		66,540	12-Feb-1993	
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Country: Colombia

Owner: Union Carbide Corporation

Agent: CAVE, Cavellier Abogados

Classes: 1

Remarks: Shared with UCC.

Assignment and change name recorded 6/1/90.

Merger and change name recorded 2/13/98.

License from UCTC to UCCI recorded 3/24/98, resolution no. 4856.

Goods: Chemical substances used in the industries, in photograph and scientific investigations, in agricultural and horticultural works and especially graphite and carbond or lampblack for industrial purposes, articles covered under class 1 of becree 755 of 1.972.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1117	Registered		1878/1969	11-Jul-1999	

Country: Denmark

Owner: Union Carbide Corporation

Agent: BUDD Budde Schou & Co.

Classes: 11

Remarks: Consent: Scitering A.G. in Denmark.

Consent: Westvaco Corporation. Shared with Ralston.

Assignment and change name recorded 5/7/90

Merger and change name recorded 12/12/94.

Goods: Electric lamps and electric lamp bulbs electric flashlights, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, industrial chemical installations (not being machines), namely scrubbing, adsorption, fractionating and stripping towers and columns for gas and parts of such towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of the mentioned industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating, installations, nuclear reactors, and carbons for electric lamps.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1118	Registered		46210	24-May-2000	
Country: Egypt		Owner: Union Carbide Corporation				24-May-1990		
		Agent: BAKI Bakir International Office						
		Classes: 9						
		Remarks: Assignment and change name published 3/1/92, issue 619.						
		Goods: Electric batteries and electric dry cells, electrodes, anodes, connecting pins for electrodes and anodes being parts of these electrodes and anodes, carbon electrodes for use in motion picture projection apparatus.						
		Remarks: Merger and change name recorded 11/27/97.						

UCAR		MR	1119	Registered		16595/40	29-Jan-1999	
Country: El Salvador		Owner: Union Carbide Corporation				29-Jan-1994		
		Agent: RICA Ricardo Romero-Guzman						
		Classes: 12 22						
		Goods: Graphite and carbon for general industrial uses; electrodes and anodes and connecting pins for electrodes and anodes. Electric dry cells and batteries.						
		Remarks: Assignment and change name recorded 7/10/90.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR

MR 1120

Pending 36590

Country: European Community

Owner: Union Carbide Corporation

01-Apr-1996

Designated Countries

AT	Pending
BX	Pending
DE	Pending
DK	Pending
ES	Pending
FI	Pending
FR	Pending
GB	Pending
GR	Pending
IE	Pending
IT	Pending
MC	Pending
PT	Pending
SE	Pending

Agent: GEV[®] Gevers & Partners

Classes: 1 2 9 19

Remarks:

Goods: Chemical products for use in industry, agriculture and personal care products, including synthetic organic chemicals and polymers, synthetic resins and plastics, adhesives, organic oxides, synthetic organic chemical solvents, chemical fuel additives, chemical viscosity improvers, de-icing fluids, compounds, compositions, and mixtures containing synthetic resins or plastics, carbon and graphite, and compounds, compositions and mixtures containing carbon or graphite, industrial gases, including acethylene, oxygen, hydrogen, nitrogen, argon, helium, neon, krypton and xenon and calcium carbide in Int. class 1. Chemical products for use in coatings, paints, varnishes and lacquers, metal and ceramic coating materials in Int. class 2. Electric dry cells and batteries, anodes, electrodes and cathodes, connecting pins for anodes and electrodes, and carbon and graphite for electrical purposes in Int. class 9. Products made partly or wholly of carbon and/or graphite in Int. class 19.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1121	Registered		50148	05-May-2007	

Country: Finland

Owner: Union Carbide Corporation

Agent: BERG Berggren OY AB

Classes: 9

Remarks: Merger and change name recorded 6/1995.

Shared with Ralston.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal and carbons for electrical purposes and all other goods in class 9.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1122	Registered	736155	1408174	13-May-2007	
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Country: France

Owner: Union Carbide Corporation

Agent: RINU, Rinuy, Santarelli

Classes: 1 9 II

Remarks: Assignment and change name recorded 3/7/90.
Shared with Ralston.

Goods: Electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, scrubbing, adsorption, fractionating and stripping towers and columns, all being parts of industrial chemical installations (not being machines) and parts of such towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, nuclear reactors, and industrial chemical installations, and carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1124	Registered		863961	17-Jul-2007	

Country: Germany

Owner: Union Carbide Corporation

Agent: LOUI, Louis, Pohlau, Lohrentz & Sege

Classes: 6 7 9 11 17 19

Remarks: Assignment and change name recorded 2/20/92.
 Merger Assignment and change name recorded 2/20/92.
 Shared with Ralston.

Goods: Electrical flashlight apparatus, electrical bulb cylinders; electric pocket lamps and parts thereof; gas operated apparatus for heating hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, chemical apparatus for scrubbing adsorption, fractionating and stripping towers and columns for industrial installations (not being machines), pipes, tubs and valves made of carbon and graphite and being parts of industrial chemical installations; shaped sections of carbon and graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial chemical installations, carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1126	Registered	U7439/9WZ	1147030	25-Feb-1999	
Country: Germany		Owner: Union Carbide Corporation						
		Agent: LOUI, Louis, Pollau, Lohrentz & Sege						
Classes: 9		Remarks: Assignment and change name recorded 2/20/92.						
		Merger and change name recorded 1/19/98.						
Goods: Electrodes, anodes and connecting pins for electrodes and anodes.								
UCAR		MR	1127	Registered		36265	30-Sep-2006	
Country: Greece		Owner: Union Carbide Corporation						
		Agent: VAYA Vayanos Kostopoulou						
Classes: 9		Remarks: Assignment and change name recorded 11/17/89.						
		Merger and change name recorded 12/20/96.						
		Shared with Ralston.						
Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes, and all other goods included in class 9.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1128	Registered		37849	18-Jul-2007	
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Country: Greece

Owner: Union Carbide Corporation

Agent: VAYA Vayanos Kostopoulos

Classes: 11

Remarks: Assignment and change name recorded 11/20/89.
 Merger and change name recorded 12/19/96.
 Shared with Ralston.

Goods: Electric flashlights, electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchangers (not being parts of machines) and parts thereof, scrubbing adsorption fractionating and stripping towers and columns, and pipes tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial chemical installations, and carbons for electric lighting purposes.

Trademark List

Thursday, November 05, 1998

First Use
Date

Renewal
Date

Registration
Number/Date

Application
Number/Filing

Status

Case Number

Attorney(s)

Division

Trademark Name

09-Jan-1999

20316

09-Jan-1989

Registered

1129

UCAR

Country: Guatemala

Owner: Union Carbide Corporation

Agent: FERN: Fernandez Y Fernandez S.A.

Classes: 9

Remarks: Assignment and change name recorded.

Goods: Electricity, machinery, supplies and electric apparatus and accessories for producing power, heat, and lights, telephony, telegraphy and wireless telegraphy, radiography, radiotelephony and radiotelephone and radiotelegraphy and especially. Electrodes and anodes and connecting pins for electrodes and anodes, electric dry cells and batteries.

UCAR

Country: Guyana

Owner: Union Carbide Corporation

Agent: POON N.O. Poonai

Classes: 1

18-Jul-1998

6826A

18-Jul-1988

Renewing

Remarks: Assignment recorded.
Change/name not filed per agent advice.

Goods: Graphite and carbon for general industrial uses, and all other goods included in Class 1.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1131	Renewing		49671	15-Jul-1998	
Country: Honduras								
Owner: Union Carbide Corporation								
Agent: BUFE Bufete Mejia & Asociados								
Classes: 9								
Remarks: This is old Reg. No. 14,794 broken down into separate classes.								
Goods: Electric batteries, electrodes, anodes, cathodes and connecting pins for electrodes and anodes.								
Assignment and name change recorded 10/90.								

UCAR			1132	Registered		116905	12-Oct-2003	
Country: Hungary								
Owner: Union Carbide Corporation								
Agent: SBGK S.B.G.Z. & K. Patent and Law O								
Classes: 9								
Remarks: Assignment recorded 11/27/89; change/name recorded 7/10/90.								
Merger and change/name recorded 9/8/97.								
Shared with Ralston.								
Goods: Electric dry cells, electric batteries, electrodes, anodes and connected devices.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1136	Registered		32598	21-Sep-2005	

Country: Israel

Owner: Union Carbide Corporation

Agent: MULF A.E. Mulford

Classes: 11

Remarks: Assignment recorded 9/11/89.
 Merger and change name recorded 2/1/96.
 Shared with Ralston.

Goods: Flashlights not for photographic purposes, electric lamps and electric lamp bulbs, electric torches and parts thereof included in class 11, gas operated apparatus included in class 11 for heating, hardening and plating metal; heat exchangers (not being parts of machines) and parts thereof included in class 11, scrubbing, adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns included in class 11, and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations included in class 11, shaped sections of carbon or graphite for the construction and lining of furnaces cupolas, industrial heating installations and included in class 11. Nuclear reactors not included in other classes and industrial chemical installations included in class 11, carbons for electric lighting purposes, ARC carbons for use in motion picture projectors and in therapeutic apparatus.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1137	Renewing	220866	531802	28-Jul-1997	
Country: Italy		Owner: Union Carbide Corporation			28-Jul-1967	28-Jul-1987		

Agent: BARZ Ing. Barzano & Zaardo Roma S.P

Classes: 11

Remarks: Shared with Ralston.

Goods: Electric flashlights, electric lamps and electric lamp bulbs, electric torches and parts thereof, gas operated apparatus for heating, hardening and plating metal, heat exchanger (not being parts of machines) and parts thereof, scrubbing adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns, and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations, shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations, nuclear reactors, and industrial heating installations, nuclear reactors and industrial chemical installations and carbons for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1138	Registered		14,925	16-May-2002	
Country: Kenya		Owner: Union Carbide Corporation				16-May-1988		
		Agent: KAPLAN, Kaplan & Stratton						
		Classes: 9						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal and carbons for electrical purposes, and all other goods in class 9.						
		Remarks: Assignment recorded 11/15/89. Change name recorded 10/23/89.						

UCAR		MR	1139	Registered		27/66	15-Feb-2001	
Country: Malawi		Owner: Union Carbide Corporation				15-Feb-1987		
		Agent: JOHN John & Kernick						
		Classes: 9						
		Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.						
		Remarks: Assignment change name record 12/8/89. Merger and change name recorded 4/21/95.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1140	Pending	92/08323			
Country: Malaysia					26-Nov-1992			
Owner: Union Carbide Corporation								
Agent: SHEA Shearn Delamore								
Classes: 9								
Remarks: Associated with 92/08322, 92/08321, 92/08320, 88/02536, R/18255.								
Goods: Graphite electrodes and graphite dies, namely, specialty graphite for casting applications such as molds and dies.								

UCAR		MR	1141	Pending	92/08320			
Country: Malaysia					26-Nov-1992			
Owner: Union Carbide Corporation								
Agent: SHEA Shearn Delamore								
Classes: 1								
Remarks: Associated with 88/02536 and R/18255.								
Goods: Manufactured or processed carbon and graphite materials, namely, anodes, electrodes, specialties, flexible graphite and powders, processed refractory materials produced from carbon, graphite or ceramic materials, namely bricks, pastes, cement and thermocouple protection tubes, water spray-cooled systems and furnace operating systems for electric arc melting furnaces.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: Mexico		MR Owner: Union Carbide Corporation Agent: BECE; Becerrill, Coca & Becerril, S. Classes: 1	1142	Registered		142536 06-Sep-1992	06-Sep-2002	
					Remarks: Assignment and change/name recorded. Merger recorded 2/20/95; change/name recorded 12/7/95.			
UCAR Country: Mexico		MR Owner: Union Carbide Corporation Agent: BECE Becerrill, Coca & Becerril, S. Classes: 21	1143	Registered		146,448 06-Sep-1967	06-Sep-2002	
					Goods: Graphite and carbon for general industrial uses.			
					Remarks: Merger recorded 2/20/95. Change/name recorded 12/26/96.			
UCAR Country: New Zealand		MR Owner: Union Carbide Corporation Agent: PARK A.J. Park & Son Classes: 1	1144	Registered		85500 24-Oct-1988	24-Oct-2002	
					Goods: Graphite and carbon for general industrial uses.			
					Remarks: Assignment recorded. Merger and change name recorded per letter 12/8/95. Associated with Reg. No. 85501.			

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1145	Registered		85501	24-Oct-2002	
Country: New Zealand		Owner: Union Carbide Corporation				24-Oct-1988		
		Agent: PARK, A.J. Park & Son						
		Classes: 9						
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes.						
		Remarks: Assignment recorded. Merger and change name recorded.						
UCAR		MR	1147	Renewing		18420	20-Oct-1998	
Country: Nicaragua		Owner: Union Carbide Corporation				20-Oct-1988		
		Agent: GUY Guy J. Bendana Guerrero & Asso						
		Classes: 24						
		Goods: Electrodes and anodes and connecting pins for electrodes and anodes. Electric dry cells and batteries.						
		Remarks: Assignment recorded 9/3/91. Change name recorded 10/23/91.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1149	Registered		30383	26-Jul-2001	
Country: Panama						26-Jul-1991		

Owner: Union Carbide Corporation

Agent: ARIAS Arias, Fabrega & Fabrega

Classes: 1

Remarks: Based on Honduran Reg No. 14,794 due 1/1/88.
 Divisional registration of No. 14,528.
 Proof of renewal based on Honduran Reg. No. 14,794 recorded 2/19/90.
 Assignment and change name recorded 5/16/90.

Goods: Carbons and graphite and products made partially or totally of carbons or graphite, including structures for the construction of industrial equipments.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR
 Country: Panama
 MR 1150 Registered 14528 26-Jul-1991 26-Jul-2001
 Owner: Union Carbide Corporation

Agent: ARIAS Arias, Fabrega & Fabrega

Classes: 9

Remarks: Based on Honduran Reg. No.

14,794.

Divisional registration of no.

14,528.

Proof of renewal based on

Honduran Reg. No. 14749, recorded 2/9/90.

Assignment and change/name recorded.

Merger and change/name recorded..

Goods: Electric batteries, therapeutic apparatus and oxygen, laser components and apparatus, electric and electronics, oceanographic apparatus, data processing equipment, arc carbons, electrodes, anodes and cathodes in the class, for fine electrics, pin joints for electrodes and anodes, brushes of carbon and graphite and blocks and brushes for machines and electrical apparatus.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1154	Renewing	126872	21-Oct-1987	21-Oct-1997	
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Country: Paraguay

Owner: Union Carbide Corporation
Classes: 1

Remarks: Assignment recorded 2/13/90.
Change of name recorded 4/12/93.
Merger and change name recorded 4/96.

Goods: Graphite and carbon for general industrial uses,
and all other goods in class 1.

UCAR		MR	1155	Renewing	126873	21-Oct-1987	21-Oct-1997	
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Country: Paraguay

Owner: Union Carbide Corporation
Agent: ABEN AbenteSaguier

Classes: 9
Remarks: Assignment recorded 2/13/90.
Change of name recorded 4/12/93.
Merger and change name recorded 4/96.

Goods: Electrodes and anodes and connecting pins for
electrodes and anodes, electric dry cells and
batteries, and all other goods in class 9

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR		MR	1156	Registered		12169	19-Jul-2002	
Country: Peru		Owner: Union Carbide Corporation				19-Jul-1992		

Agent: ESTU; Estudio Barreda Moller

Classes: 1

Remarks: Opposition filed to application by Uniquimica S.A. to register UKOCAR on 12/28/87. Trademark Office issued Resolution No. 63426 dated 7/3/90 sustaining the opposition against applicant: confusingly similar to UCAR. Case closed.

Assignment and change name recorded 6/20/90.

Opposition to UNICAR dismissed on appeal 3/95.

Merger and change name recorded 8/9/95.

Goods: Graphite and carbon for general industrial uses.

Trademark List

UCAR

Country: Peru

MR

1157

Registered

12170

19-Jul-1992

19-Jul-2002

Owner: Union Carbide Corporation

Agent: ESTU Estudio Barrada Moller

Classes: 9

Remarks: Opposition against Ukocar upheld; registration denied.

Assignment and change/name recorded 6/20/90.

Merger and change/name recorded 8/9/95.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.

UCAR

Country: Russian Federation

MR

1158

Registered

57120

02-Feb-1996

02-Feb-2006

Owner: Union Carbide Corporation

Agent: SOJUZ Sojuzpatent

Classes: 9

Remarks: Assignment and change/name recorded 9/10 and 9/11/90.

Not required to record merger/change of name per agents.

Ralston not interested in maintaining.

Goods: Electric dry cells, electric batteries, electrodes, anodes; connecting pins for electrodes and anodes; electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal; and carbons for electrical purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1159	Registered	S/41618	41618	08-May-2002	

Country: Singapore
 Owner: Union Carbide Corporation
 Agent: DREW Drew & Napier
 Classes: 9
 Goods: Electric cells, electric batteries, anodes, connecting pins for electrodes and anodes and electric apparatus for use on metals.
 Remarks:

UCAR		MR	1160	Registered		44159	17-Jun-2003	
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Country: Singapore
 Owner: Union Carbide Corporation
 Agent: DREW Drew & Napier
 Classes: 11
 Goods: Carbon and graphite electrodes for electric furnaces; carbons for electrical purposes.
 Remarks:

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MIR	1161	Registered		65/5071	06-Dec-2005	

Country: South Africa

Owner: Union Carbide Corporation

Agent: ADAM Adams & Adams

Classes: 9

Remarks: Associated with No. 65/3669.
 Assignment to UCC Holding
 recorded and RUS cancelled
 7/17/90.

Change/name recorded 2/15/91.
 Merger and change/name recorded
 11/30/95.

Goods: Electric dry cells, electric batteries, electrodes,
 anodes, connecting pins for electrodes and
 anodes; electric apparatus for cutting, welding,
 soldering, brazing, scarfing, plating, heating
 and hardening metal; and carbons for electrical
 purposes, and all other goods included in this
 class.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1162	Registered		535591	30-May-2007	

Country: Spain

Owner: Union Carbide Corporation

Agent: POLQ Carlos Polo

Classes: 9

Remarks: Consent: United Chemists Assoc. Ltd. in Spain.

Assignment and cl/name recorded 12/28/90.

Merger and cl/name recorded 2/2/95.

Goods: Electrodes and anodes and connecting pins for electrodes and anodes.

Additional goods added 10/20/84: Scientific, electrical, optical, weighing and control appliances and instruments.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1163	Registered		540629	30-May-2000	

Country: Spain
 Owner: Union Carbide Corporation
 Agent: POLO Carlos Polo

Classes: 11
 Remarks: Consent: United Chemists Assoc. Ltd. in Spain.
 Consent to UCESA for I.R. UCARSEP.
 Merger and change/name recorded 2/2/95.

Goods: Electric flashlights, electric lamps and electric lamp bulbs; electric torches and parts thereof; gas operated apparatus for heating hardening and plating metal; heat exchangers (not being parts of machines) and parts thereof; scrubbing, adsorption, fractionating and stripping towers and columns, all being industrial chemical installations (not being machines) and parts of such towers and columns; and pipes, tubes and valves, all made of carbon and graphite and being parts of industrial chemical installations; shaped sections of carbon or graphite for the construction and lining of furnaces, cupolas, industrial heating installations; nuclear reactors, and industrial chemical installations; and carbon for electric lighting purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1165	Registered		120714	18-Aug-2007	

Country: Sweden

Owner: Union Carbide Corporation

Agent: ALBI Albilms Patentbyra Stockholm A

Classes: 7 9 11

18-Aug-1997

Remarks: (1) Consent: Puck Produits Chimiques (Ukapor) Sweden.
 (2) Consent: Schering A.G. in Sweden.
 (3) Consent: Speri S.P.A. in Sweden.
 (+) Consent: Ucan Greenman Ltd. In Sweden.
 (5) Consent: Westvaco Corporation.
 (6) Assignment and ch/name recorded 4/26/90.
 (7) Merger & ch/name recorded 1/5/96.
 (8) Shared with Ralston.

Goods: (Class 7): Electric apparatus for cutting and scarfing. (Class 9): electric dry cells, electric batteries, electrodes, anodes, electric apparatus for welding, soldering, brazing and plating metal, carbons for electrical purposes; weighting, measuring and life-saving apparatus and instruments; coin and counterfreed apparatus; talking machines; cash registers; calculating machines; fire extinguishing apparatus. (Class 11): Electric apparatus for heating and hardening metal.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1166	Registered		122354	26-Jan-2008	
Country: Sweden								
		Owner: Union Carbide Corporation						
		Agent: ALBI Albilms Patentbyra Stockholm A				26-Jan-1998		
		Classes: 1						
								Remarks: Assignment and cl/name recorded 4/26/90.
								Merger and cl/name recorded 1/5/96.
UCAR		MR	1167	Registered		43922	31-Oct-2000	
Country: Taiwan								
		Owner: Union Carbide Corporation						
		Agent: LEE Lee and Li				31-Oct-1990		
		Classes: 69						
								Remarks: Assignment & cl/name recorded 7/27 and 9/7/90.
								Merger & cl/name not required to be recorded.
								Goods: Electrodes, anodes, connecting pins for electrodes and anodes and arc carbons, and all other goods in the other articles group of class 69.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR
 Country: Tonga
 MR 1168
 Owner: Union Carbide Corporation
 Classes: 9

Registered
 1005
 06-Jul-1987
 06-Jul-2001
 Remarks: Assignment and change/name not recorded.
 Not doing business in Tonga; allow to lapse per client.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.

UCAR
 Country: United Kingdom
 MR 1169
 Owner: Union Carbide Corporation
 Classes: 9

Renewing
 896862
 06-Jul-1966
 06-Jul-1997

Remarks: (1) Associated with No. 865,946. (2) consent: Ucan Greenman Ltd. In U.K. (3) Assignment cl/name recorded 1/17/92. (4) Merger recorded 1/26/95. (5) Change of name recorded. (6) Shared with Ralston.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus included in class 9 for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electric purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1170	Renewing		909435	12-May-1998	

Country: United Kingdom
 Owner: Union Carbide Corporation
 Classes: 11

Remarks: (1) Associated with No. 896,862.
 (2) Consent: Ucan Greenman Ltd. In U.K.
 (3) Assignment & civ/name recorded 1/17/92.
 (4) Merger recorded 1/26/95.
 (5) Change of name recorded.

Goods: Graphite and carbon heating and lighting elements.

Trademark List

Trademark Name	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR	MR	1171	Registered		1056849	29-Dec-2006	
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Country: United Kingdom

Owner: Union Carbide Corporation

Agent: GSCP, The GSCP Partnership

Classes: 11

Remarks: (1) Consent: Ucan Greenman Ltd. In U.K.

(2) Assignment and ch/name recorded 1/17/92.

(3) Merger recorded 1/26/95.

(4) Change of name recorded.

(5) Shared with Ralston.

Goods: Electric lamps and electric lamp bulbs; electric flashlights (not for photographic purposes); Electric torches; gas operated apparatus for the hardening and plating of metals by heat treatment; heat exchangers (not being parts of machines); scrubbing, adsorption, fractionating and stripping towers and columns for gas; industrial chemical installations; pipes, tubes and valves, all made of carbon and/or graphite and being parts or fittings for the aforesaid chemical installations; shaped linings of carbon or of graphite for furnaces, cupolas (furnaces), industrial heating installations and for nuclear reactors, carbons for electric lamps.

UCAR	MR	1172	Registered		864455	04-Feb-2009	
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Country: United States of America

Owner: Union Carbide Corporation

Classes: 19

Remarks: Merger & ch/name recorded 2/11/95.

Goods: Graphite pipe slide support sets.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1173	Registered		884511	20-Jan-2000	
Country: United States of America		Owner: Union Carbide Corporation				20-Jan-1970		
		Agent: MRD Margaret Ranft Day						
		Classes: 9						
		Goods: Electrolytic anodes.						
		Remarks: Merger & cl/name recorded 2/11/95.						
UCAR		MR	1174	Registered		893537	30-Jun-2000	
Country: United States of America		Owner: Union Carbide Corporation				30-Jun-1970		
		Agent: ACFT Assistant Commissioner for Tra						
		Classes: 19						
		Goods: Carbon brick.						
		Remarks: Merger & cl/name recorded 2/21/95.						
UCAR		MR	1175	Registered		909659	09-Mar-2001	
Country: United States of America		Owner: Union Carbide Corporation				09-Mar-1971		
		Agent: MRD Margaret Ranft Day						
		Classes: 24						
		Goods: Carbon and graphite fabrics.						
		Remarks: Merger & cl/name recorded 2/21/95.						

Trademark List

Division

Trademark Name UCAR
 Attorney(s) MR
 Case Number 1178
 Status Registered
 Application Number/Filing 967344
 Registration Number/Date 04-Sep-1973
 Renewal Date 04-Sep-2003
 First Use Date

Country: United States of America
 Owner: Union Carbide Corporation
 Classes: 19
 Remarks: Merger and ch/name recorded 10/14/94.

Goods: Pastes and cements for use with or between carbon and graphite and between carbon or graphite and other substances for use in gas lines, furnaces, thermic applications, electrolytic apparatus, and construction work in the chemical and metallurgical industries, and pastes and cements for use in making molds, temporary walls, and protective layers in welding operations.

UCAR
 Country: United States of America
 Attorney(s) MR
 Case Number 1180
 Status Registered
 Application Number/Filing 973945
 Registration Number/Date 27-Nov-1973
 Renewal Date 27-Nov-2003

Remarks: Merger & ch/name recorded 2/21/95.

Goods: Metal ceramic thermocouple protecting tubes.

UCAR
 Country: United States of America
 Attorney(s) MR
 Case Number 1182
 Status Registered
 Application Number/Filing 1008278
 Registration Number/Date 08-Apr-1975
 Renewal Date 08-Apr-2005

Remarks: Merger & ch/name recorded 2/21/95.

Goods: Unmachined carbon and graphite.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: United States of America	MR	Union Carbide Corporation Classes: 19	1184	Registered	73/018646 12-Apr-1974 Remarks: Merger & cl/name recorded 2/21/95.	1014143 24-Jun-1975	24-Jun-2005	
UCAR Country: United States of America	MR	Union Carbide Corporation Classes: 9 Goods: Carbon electrodes.	1185	Registered		1016291 22-Jul-1975	22-Jul-2005	
UCAR Country: United States of America	MR	Union Carbide Corporation Classes: 1 Goods: Graphite powder for various uses in the industrial arts.	1186	Registered		1173765 20-Oct-1981 Remarks: 8 & 15 Affidavit accepted 5/6/88. Merger & cl/name recorded 2/21/95.	20-Oct-2001	

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1187	Registered		1496686	19-Jul-2008	
Country: United States of America		Owner: Union Carbide Corporation				19-Jul-1988		
		Classes: 11			Remarks: (1) Opposition filed against Icar, 11/7/88.			
					(2) 8 & 15 affidavit accepted 2/28/94.			
					(3) Merger & cl/name recorded 2/21/95.			
					Goods: Electric arc furnace components, namely, side walls, exhaust ports, exhaust hoods, ladle furnace covers and parts thereof, in class 11. (U.S. Cl. 34).			

UCAR		MR	1188	Registered	74/095358	1692647	09-Jun-2002	
Country: United States of America		Owner: Union Carbide Corporation			10-Sep-1990	09-Jun-1992		
		Classes: 9			Remarks: Merge & cl/name recorded 2/21/95. 8 & 15 filed 6/5/98.			
					Goods: Furnace operating systems for monitoring, controlling and reporting on the various functions, processes and parameters of electric arc furnaces; chemistry management systems for monitoring the chemical makeup of furnace contents in International Class 9.			

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR Country: United States of America		MR Owner: Union Carbide Corporation Classes: 9	1189	Registered	74/240160 27-Jan-1992 Remarks: Merger & ch/name recorded 2/21/95.	1756549 09-Mar-1993	09-Mar-2003	
UCAR Country: Uruguay		MR Owner: Union Carbide Corporation Agent: BARB Barbosa Caravia & Co. Classes: 9	1190	Registered		246632 05-Feb-1971	23-Apr-2002	
UCAR Country: Venezuela		MR Owner: Union Carbide Corporation Agent: BENT Bentata Hoet & Asociados Classes: 21	1191	Renewing		65826-F 07-Jul-1971	07-Jul-1996	

Remarks: Assignment and change/name recorded 5/10/90.
Change of name and address re: merger recorded 1/3 1/96.
Merger and change/name recorded 8/12/96.

Remarks: Assignment, ch/name recorded 3/17/92.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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UCAR
 Country: Venezuela
 MR 1192 Pending 13888
 Owner: Union Carbide Corporation
 Agent: BENT Bentata Hoet & Asociados 04-Aug-1988

Remarks: Appln. Replaces reg no. 65,825-F lapsed due to failure by Balogh to renew.

UCAR
 Country: Yugoslavia
 MR 1193 Renewing Z586/73 23099 25-Jun-1998
 Owner: Union Carbide Corporation
 Agent: MIKI Mikijelj & Jankovic 25-Jun-1978 25-Jun-1988
 Classes: 9

Goods: Graphite and carbon for general industrial use.
 Remarks: Assignment & cl/name recorded. All renewals under the number 30,000 must file a request for resumption of file which must be filed with the request for renewal. Merger cl/name recorded 11/97.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal, and carbons for electrical purposes.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR		MR	1194	Registered		724/65	06-Dec-2000	

Country: Zambia

Owner: Union Carbide Corporation
 Agent: ADAM Adams & Adams

Classes: 9

Remarks: Merger & clb/name recorded 8/8/95.

Goods: Electric dry cells, electric batteries, electrodes; anodes connecting pins for electrodes and anodes; electric welding apparatus (not machines); carbons for electrical purposes (other than for lighting); electric soldering irons; foundry moulds and foundry cores, all made of carbon or of graphite.

UCAR

Country: Zimbabwe		MR	1195	Registered		994/65	06-Dec-2006	
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Owner: Union Carbide Corporation
 Classes: 9

Remarks: Assignment & clb/name recorded 9/28/89.

Goods: Electric dry cells, electric batteries; electrodes, anodes, connecting pins for electrodes and anodes; electric welding apparatus (not machines); carbons for electric purposes (other than for lighting); electric soldering irons; foundry moulds and foundry cores, all made of carbon or of graphite.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UCAR (STYLIZED)		MR	1196	Pending	97/703816			

Country: Russian Federation

Owner: Union Carbide Corporation

Agent: SOJUZ Sojuzpatent

Classes: 1 9

Remarks:

Goods: Manufactured or processed carbon and graphite materials, namely, anodes, electrodes, cathodes, specialties, flexible graphite and powders; processed refractory materials, namely bricks, pastes, cements and thermocouple protection tubes; water spray-cooled systems and furnace operating systems for electric arc melting furnaces; graphite dies, namely specialty graphite for casting applications such as molds and dies.

Trademark List

Trademark Name Division Attorney(s) Case Number Status Application Number/Filing Registration Number/Date Renewal Date First Use Date

UCAR IN GREEK MR 1197 Registered 87155 04-Nov-1987 04-Nov-2007

Country: Greece

Owner: Union Carbide Corporation

Agent: VAYA Vayanos Kostopoulos

Classes: 7 9

Remarks: Appln. Replaces Reg. No. 38,614
lapsed due to non-renewal by Balogh in 1977.
Assignment/change/name recorded 11/2/89.
Merger & ch/name recorded 1/12/96.
Shared with Ralston.

Goods: Electric dry cells, electric batteries, electrodes, anodes, connecting pins for electrodes and anodes, electric apparatus for cutting, welding, soldering, brazing, scarfing, plating, heating and hardening metal (class 7), and carbons for electric purposes and all other goods in class 9.

UCAR-323

Country: United States of America MR 1198 Registered 74/591040 2004989 01-Oct-2006

Owner: Union Carbide Corporation

Classes: 17

Goods: Seals, gaskets, gasket sheet materials

manufactured from composites of glass fiber and polytetrafluoroethylene for use in sealing gases or fluids in piping, flanges, valves and pumps, in International Class 17.

Remarks:

27-Oct-1994 01-Oct-1996

01-Oct-2006

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
UNICARBON		MR	1199	Registered	815496443	815496443	29-Nov-2004	

Country: Brazil

Owner: Union Carbide Corporation

Agent: DANIEL Daniel & Cia

Classes: 1

Remarks: Merger & clv/name recorded.

Goods: Produtos industrializados a base de carbono e grafita para fins industriais, nucleares ou qualquer outro. (Industrialized products carbon and graphite base for industrial and nuclear purposes and any other.)

*Substantive P
Country Agreement*

Thursday, November 05, 1998

Trademark List

Page: 1

Trademark Name **Division** **Attorney(s)** **Case Number** **Status** **Application Number/Filing** **Registration Number/Date** **Renewal Date** **First Use Date**

C-CAT United States of America MR 1003 Registered 74/455328 2051081 08-Apr-2007 25-Feb-1995

Owner: UCAR Carbon Technology Corp
Classes: 1
Remarks:
Goods: Carbonaceous cement catalyst for joining or bonding carbon and graphite products, namely, electrodes, bricks, cathode blocks, speciality graphite and refractory shapes

DURABURN United States of America GSPEC MR 1202 Pending

Owner: UCAR Carbon Technology Corp
Classes: 1, 17, 19
Remarks:
27-Oct-1998
Search ordered 10/7/98. Request to file application 10/15/98.
Application filed via express mail 10/27/98.

Goods: graphite blocks for use in electric discharge machining

DURACAST Denmark GSPEC MR 1005 Registered 0592/95 2532/95 21-Apr-2005

Owner: UCAR Carbon Technology Corp.
Agent: BUDD Budde Schon & Co.
Classes: 19
Remarks:
25-Jan-1995 21-Apr-1995

Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST Country: Finland	GSPEC MR	Owner: UCAR Carbon Technology Corp. Agent: BERG Berggren OY AB	1006	Registered	490/95 30-Jan-1995	143965 20-May-1996	20-May-2006	
	Classes: 1	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST Country: France	GSPEC MR	Owner: UCAR Carbon Technology Corp Agent: RINU Remy, Santarelli	1007	Registered	395036051 23-Jan-1995	95/559,893 23-Feb-1995	23-Feb-2005	
	Classes: 19	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST Country: Germany	GSPEC MR	Owner: UCAR Carbon Technology Corp Agent: LOUI Louis, Pohlau, Lohrenz & Sepe	1008	Registered	395036051 23-Jan-1995	39503605 28-Sep-1995	28-Sep-2005	
	Classes: 19	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST Country: Ireland, Republic of	GSPEC MR	Owner: UCAR Carbon Technology Corp Classes: 1	1009	Registered	1146/95 17-Feb-1995	173285 17-Feb-1995	17-Feb-2002	
	Classes: 1	Remarks						
	Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							

Trademark List

Trademark Name	Country	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST	Israel	GSPEC MR	UCAR Carbon Technology Corp Agent: MULF A E, Mulford	1010	Registered	96718 26-Jan-1995	96718 08-Oct-1996	25-Jan-2002	
		Classes: 19			Remarks				
		Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST	Italy	GSPEC MR	UCAR Carbon Technology Corp Agent: BARZ Ing Barzano & Zucardo Roma S P	1011	Registered	95C/000868 22-Feb-1995	712925 13-Jun-1997	22-Feb-2005	
		Classes: 1			Remarks				
		Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST	Norway	GSPEC MR	UCAR Carbon Technology Corp Agent: BERG Bergen Patentkontor	1012	Registered	95/0683 02-Feb-1995	173947 06-Jun-1996	06-Jun-2006	
		Classes: 19			Remarks				
		Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							
DURACAST	Portugal	GSPEC MR	UCAR Carbon Technology Corp Agent: CUNH A.G. Da Cunha Ferreira LDA	1013	Registered	306816 27-Jan-1995	306816 03-Jan-1996	03-Jan-2006	
		Classes: 19			Remarks				
		Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.							

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURACAST	GSPEC MR	MR	1014	Registered		1948738	02-Feb-2005	
Country: Spain								
Owner: UCAR Carbon Technology Corp.								
Agent: POLO Carlos Polo								
Classes: 1								
Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
Remarks:								
DURACAST	GSPEC MR	MR	1015	Registered	95-0785	307141	22-Dec-2005	
Country: Sweden								
Owner: UCAR Carbon Technology Corp								
Agent: ALBI Albus Patentbyrn Stockholm A								
Classes: 1								
Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals								
Remarks								
DURACAST	GSPEC MR	MR	1016	Registered	2009155	2009155	27-Jan-2005	
Country: United Kingdom								
Owner: UCAR Carbon Technology Corp								
Agent: GRAN Grant, Spencer, Caisley & Port								
Classes: 1								
Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
Remarks								
DURACAST	GSPEC MR	MR	1017	Registered	74/454090	2003368	24-Sep-2006	
Country: United States of America								
Owner: UCAR Carbon Technology Corp								
Classes: 19								
Goods: Graphite blocks for use in casting, rolling and fabrication of non-ferrous metals.								
Remarks								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
DURAPRESS	GSPEC	MR	1200	Pending	75/517643			
Country: United States of America Owner: UCAR Carbon Technology Corp. Classes: 1 Goods: artificial graphite for use in industrial hot pressing of metallic powders Remarks:								
EXPANDOGRAF		MR	1023	Registered	75/194888	2189843	15-Sep-2008	23-Dec-1997
Country: United States of America Owner: UCAR Carbon Technology Corp. Classes: 17 Goods: Flexible graphite sheet gasket material for use in industrial applications Remarks: Statement of Use accepted 8/6/98.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFGUARD		MR	1027	Published	327,031			
Country: European Community		Owner: UCAR Carbon Technology Corp.			20-Aug-1996			
		Agent: GEVE Gevers & Partners						
<u>Designated Countries</u>								
BX	Published	Classes: 1		Remarks:				
DE	Published	Goods: Graphite particles for use in the manufacture of						
DK	Published	fire retardant products in int. class 1						
ES	Published							
FI	Published							
FR	Published							
GB	Published							
GR	Published							
IE	Published							
IT	Published							
MC	Published							
PT	Published							
SE	Published							
GRAFGUARD		MR	1028	Registered	113097796	4166366	10-Jul-2008	
Country: Japan		Owner: UCAR Carbon Technology Corp.			08-Oct-1996	10 Jul-1998		
		Agent: SUZU Suzuye & Suzuye						
		Classes: 1		Remarks: Renewal due between 6/11/07 and				
				7/10/08				
		Goods: Graphite particles for use in the manufacture of						
		fire retardant products, in Int. Class 1						

TRADEMARK

REEL: 002063 FRAME: 0415

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFGUARD		MR	1029	Registered	75/106979	2111370	04-Nov-2007	

Country: United States of America
 Owner: UCAR Carbon Technology Corp.
 Classes: 9

Remarks: Also searched chargeard.
 Applicant is owner of Reg. Nos 1,681,196 for grafoil and 1,812,925 for Grafkote (by Examiner's Amendment of 10/21/96)

Goods: Graphite particles for use in the manufacture of fire retardant products

Trademark List

Trademark Name	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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Country: United States of America
 Owner: UCAR Carbon Technology Corp
 Classes: 17
 MR 1030 Registered 74/217903 1812925 21-Dec-2003

Remarks: Also conducted full searches for Graphkoke Graflene and Graphlene. Additional preliminary searches were conducted for Monofilm, Monograf, Monofoil, Soloseal, Solograf, Grafplas, Graf-plus, Grafilm, Thermocarb, Plasti-Kote, Super-Graf, Tuff-Foil and Extra

Consent given by Dixon Ticonderoga to use GRAFKOTE for restricted goods flexible graphite and polymer composite sheets and rolls

Goods: Flexible graphite and polymer composite sheets and rolls for use as gaskets in the fluid sealing and internal combustion engine industries.

GRAFLITE

Country: United States of America

Owner: UCAR Carbon Technology Corp
 Classes: 1

MR 1203 Pending

Remarks: ITC application filed via express mail 10/21/98

Goods: natural graphite-based blocks and shapes for use in industrial high temperature applications

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1034	Renewing		1278798	08-Mar-1998	
Country: Argentina Owner: UCAR Carbon Technology Corp. Agent: MARV Marval, O'Farrell & Mairal Classes: 22 Remarks: (See also Reg. No. 1,278,797). Assignment filed for recordal 3/1/90; recorded 8/3/92 License filed 5/9/90. Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbon, foam, strands, filaments, for textile use.								
GRAFOIL		MR	1035	Renewing		1278797	08-Mar-1998	
Country: Argentina Owner: UCAR Carbon Technology Corp. Agent: MARV Marval, O'Farrell & Mairal Classes: 17 Remarks: (This is old Reg. No. 897,212 split between Classes 17 and 22) Assignment filed 3/1/90, recorded 8/28/92. License filed 5/9/90. Goods: Carbon and graphite in the form of flexible webs, cloth, individual or laminated sheets, strips, tapes, ribbon, foam, strands, filaments, other than for textile use.								
GRAFOIL		MR	1036	Registered		1381802	31-May-2000	
Country: Argentina Owner: UCAR Carbon Technology Corp. Agent: MARV Marval, O'Farrell & Mairal Classes: 17 Goods: Gaskets and packing rings. Remarks:								

TRADEMARK

Thursday, November 05, 1998

Trademark List

Page: 10

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing Date	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1037	Registered		A288753	11-Jul-2006	

Owner: UCAR Carbon Technology Corp.
 Agent: CALL Callinan Lawrie
 Classes: 17

Goods: Carbon and graphite in the form of sheets, strips, tapes and ribbons, all of the foregoing being foil or laminates of foil and all being goods included in this class.

Remarks: Assignments recorded 11/10/89.

GRAFOIL

Country: Brazil

MR 1038

Owner: UCAR Carbon Technology Corp
 Agent: DANI Daniel & Cia

Registered
 750133090
 16-Jul-1975

750133090
 14-Nov-1995
 14-Nov-2004

Goods:

Remarks: Opposition filed against Nacional de Grafite Ltda - GRAFOIL, appln No. 820695084 - 9/98.
 Opposition filed against Juntatil Ind e Com - GRAFOIL, reg. No. 816450495 - court action pending as of 10/98.

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1040	Registered		137196	04-Sep-2009	
Country: Canada		Owner: UCAR Carbon Technology Corp.				04-Sep-1964		
		Agent: SIM Sim & McBurney						
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts		Remarks				
		Amended 9/26/69 to include gaskets and packing rings.						
		Amended 7/31/73 to include graphite foam						
GRAFOIL		MR	1041	Registered	162830	162830	28-Sep-2002	
Country: China		Owner: UCAR Carbon Technology Corp.			30-Sep-1982	29-Sep-1992		
		Agent: CCPIT CCPIT Patent and Trademark Law						
		Classes: 15						
		Goods: Carbon and Graphite flexible webs, sheets, strips, tape, foam, strands and filaments.		Remarks: Assignment and license recorded				

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFOIL
 Country: Colombia
 Owner: UCAR Carbon Technology Corp
 Agent: CAVE Cavelier Abogados

Classes: 17
 Remarks: This record was entered for purposes of the opposition to Grafoil by Textiles de Asbestos LTDA - opposition successful 12/97. Venezuelan Reg. No 84,627-F dated 7/22/77 cited as priority.

Goods: Rubber, gutta-percha, gum asbestos, mica and goods made from these materials and not included in other classes; plastics in extruded form for use in manufacture; packing, stopping and insulating materials; flexible pipes, not of metal.

GRAFOIL	MR	1043	Registered	375259	152993	28-Feb-2004		
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Country: Colombia
 Owner: UCAR Carbon Technology Corp
 Agent: CAVE Cavelier Abogados
 Classes: 1

Remarks: Opposition to GRAFOIL pending as of 10/98.

Goods:

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFOIL		MR	1044	Registered		674/1981	13-Feb-2001	
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Country: Denmark

Owner: UCAR Carbon Technology Corp

Agent: BUDD Budde Schou & Co

Classes: 17

Remarks: Assignment recorded 2/7/90

Goods: Flexible webs, cloths, individual or laminated sheets, strips, ribbons and foam. All the said goods made wholly of carbon and graphite for use as packing materials, including packing rings, and as insulating and sealing materials

Trademark List

Trademark Name Division Attorney(s) Case Number Status Application Number/Filing Registration Number/Date Renewal Date First Use Date

GRAFOIL MR 1045 Registered 37291 37291 01-Apr-1996 01-Apr-2006

Country: European Community Owner: UCAR Carbon Technology Corp.

Agent: GEVE Gevers & Partners

Classes: 1 17 Remarks:

Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands and filaments in Int Class 1 Gaskets, packing rings, insulating and sealing materials in Int. Class 17.

Designated Countries

- AT Registered
- BX Registered
- DE Registered
- DK Registered
- ES Registered
- FI Registered
- FR Registered
- GB Registered
- GR Registered
- IE Registered
- IT Registered
- MC Registered
- PT Registered
- SE Registered

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1046	Registered		7,816	06-Oct-2000	
Country: Finland		Owner: UCAR Carbon Technology Corp. Agent: BERG Berggren OY AB				06-Oct-1980		
		Classes: 17			Remarks: Assignment recorded 12/31/89. License recorded 12/14/89.			
		Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.						
GRAFOIL		MR	1017	Registered		89,625	05-Sep-2007	
Country: Greece		Owner: UCAR Carbon Technology Corp. Agent: VAYA Vayanos Kostopoulos				05-Sep-1997		
		Classes: 17			Remarks: Assignment recorded 1/24/90. Petition to record license filed			
		Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.						
GRAFOIL		MR	1050	Registered		151738	18-Nov-1999	
Country: Ireland, Republic of		Owner: UCAR Carbon Technology Corp. Agent: KELL F.R. Kelly & Co			6091992	18-Nov-1992		
		Classes: 1				18-Nov-1992		
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts, graphite foam in class 1.			Remarks:			

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1051	Registered	6095/92	154739	18-Nov-1999	
Country: Ireland, Republic of								
Owner: UCAR Carbon Technology Corp								
Agent: KELL F.R. Kelly & Co.								
Classes: 17								
Remarks: Associated with GRAFOIL appln. No. 6094/92								
Worldwide consent with Societe Gravograph (GRAVOFOIL).								
GRAFOIL		MR	1052	Registered		1664036	23-Feb-2004	
Country: Japan								
Owner: UCAR Carbon Technology Corp								
Agent: SUZU Suzuye & Suzuye								
Classes: 34								
Remarks: Original certificate lost (sent to Traub 3/84) Assignment recorded 11/5/90.								
GRAFOIL		MR	1053	Registered	6371488	2326663	30-Aug-2001	
Country: Japan								
Owner: UCAR Carbon Technology Corp.								
Agent: SUZU Suzuye & Suzuye								
Classes: 16								
Remarks: This replaces Reg. No. 1247556 Lapsed due to failure by Ballogh to renew.								
Goods: Flexible webs, knittings, felts, non-woven fabrics, tapes and ribbons, all made of carbon or graphite, and all other goods in the class.								

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1056	Registered		201991	10-Jan-2002	
Country: Mexico		Owner: UCAR Carbon Technology Corp				10-Jan-1992		
		Agent: BECE Becerrill, Coca & Becerril, S.						
		Classes: 35						
		Goods: Gaskets and packing rings						
		Remarks: Assignment and license recorded 2/9/93.						
GRAFOIL		MR	1057	Registered		202353	10-Jan-2002	
Country: Mexico		Owner: UCAR Carbon Technology Corp.				10-Jan-1992		
		Agent: BECE Becerrill, Coca & Becerril, S.						
		Classes: 13						
		Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments						
		Remarks: Assignment and license recorded 2/3/93.						
GRAFOIL		MR	1058	Registered		120039	12-Jul-2012	
Country: New Zealand		Owner: UCAR Carbon Technology Corp.				12 Jul-1984		
		Classes: 17						
		Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.						
		Remarks: Assignment recorded 8/21/90.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1059	Registered		104052	17-Jan-2000	
Country: Norway		Owner: UCAR Carbon Technology Corp.				17-Jan-1990		
		Agent: BERG Bergen Patentkontor						
		Classes: 17						
		Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings.						
		Remarks: Assignment and license recorded 10/4/89.						
GRAFOIL		MR	1061	Registered	95298	95298	17-Dec-2017	
Country: Philippines		Owner: UCAR Carbon Technology Corp				17-Dec-1997		
		Agent: SIGU Siguin Reyna, Montecillo & On			19-Sep-1994			
		Classes: 9						
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts.						
		Remarks: This application replaces Reg. No 28,833.						
GRAFOIL		MR	1064	Registered	75/3634	75/3634	14-Jul-2005	
Country: South Africa		Owner: UCAR Carbon Technology Corp				14-Jul-1975		
		Agent: ADAM Adams & Adams						
		Classes: 17						
		Goods: Carbon and Graphite in the form of flexible webs, cloths, individual filaments, gaskets and packing rings.						
		Remarks: Assignment recorded 9/7/90.						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAFOIL		MR	1065	Registered	165401	165401	10-Nov-2008	
Country: Sweden		Owner: UCAR Carbon Technology Corp.			10-Nov-1978	10-Nov-1988		
		Agent: ALBI Albihus Patentbyra Stockholm A						
		Classes: 10						
		Goods: Carbon and graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings						
		Remarks: Assignment recorded 2/23/90.						
GRAFOIL		MR	1068	Pending	87013219			
Country: Taiwan		Owner: UCAR Carbon Technology Corp			24-Mar-1998			
		Agent: LEE Lee and Li						
		Classes: 17						
		Goods: Gaskets and packing rings						
		Remarks: [Replaces 87,440 - covered goods not in use]						
GRAFOIL		MR	1069	Pending	87013218			
Country: Taiwan		Owner: UCAR Carbon Technology Corp			24-Mar-1998			
		Agent: LEE Lee and Li						
		Classes: 1						
		Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands, and filaments for general use in industry						
		Remarks: Replaces 87,440 (covered goods not in use)						

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
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GRAFOIL
 Country: Turkey
 MR
 1070
 Registered
 59627
 99456
 12-Sep-1997
 12-Sep-2007

Owner: UCAR Carbon Technology Corp.
 Agent: DERIS Deris Patents and Trademark Ag

Remarks: Assignment recorded 1990.

Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments, gaskets and packing rings

GRAFOIL
 Country: United Kingdom
 MR
 1071
 Registered
 938730
 938730
 25-Feb-1969
 25-Feb-1990

Owner: UCAR Carbon Technology Corp.
 Agent: GRAN Grant, Spencer, Caisley & Port

Classes: 17
 Remarks: Consent obtained from Courtaulds Ltd 1/20/71
 Assignment recorded 4/22/91

Goods: Carbon and graphite, all being foil or laminates of foil and in the form of sheets, strip, tapes and ribbons, all for use in manufactures, gaskets and packing rings, all made from the aforesaid materials.

GRAFOIL
 Country: United States of America
 MR
 1072
 Registered
 758239
 15-Oct-1983

Owner: UCAR Carbon Technology Corp.
 Classes: 1
 Remarks: High Temperature Materials, Inc. merged with UCC 3/1/66, recorded 3/29/66, Reel 136 Frame 926.

Goods: Graphite in the form of flexible webs, cloths, sheets, strips, tapes, ribbons, strands and filaments for general use in the industrial arts

Trademark List

First Use Date

Renewal Date

Registration Number/Date

Application Number/Filing

Status

Case Number

Attorney(s)

Division

Trademark Name

GRAFOIL

Country: United States of America

Owner: UCAR Carbon Technology Corp

Classes: 17

Goods: Gaskets and packing rings

Registered

04-Jun-1988

850235

04-Jun-1988

Remarks:

GRAFOIL

Country: United States of America

Owner: UCAR Carbon Technology Corp

Classes: 1

Goods: Graphite paste for use as a pipe thread sealant or thread lubricant, injectable graphite particle packing for use in packing stuffing boxes on valves, pumps or sliding joints

Pending

21-Oct-1998

84627

22-Jul-2007

Remarks: New application filed after 1196891 cancelled

GRAFOIL

Country: Venezuela

Owner: UCAR Carbon Technology Corp

Agent: VALL Vallina Grisanti & Asociados

Classes: 1

Remarks: Assignment recorded 1/3/94. Oppositions filed against GRAFOIL applications filed by Juan Fernandez Martinez, pending as of 10/98

Registered

22-Jul-1992

84627

22-Jul-2007

Goods: Carbon and Graphite in the form of flexible webs, cloths, individual or laminated sheets, strips, tapes, ribbons, foam, strands, filaments

Trademark List

Division Attorney(s) Case Number Status Application Number/Filing Registration Number/Date Renewal Date First Use Date

GRAFOIL AND CHINESE MR 1077 Registered 78/517642 124151 16-Nov-1989 16-Nov-1999

Country: Taiwan Owner: UCAR Carbon Technology Corp.

Agent: LEE Lee and Li

Classes: 92 Remarks: Assignment recorded 11/15/89. License recorded 4/10/90.

Goods: Gaskets and packing rings

GRAFOIL AND KOREAN MR 1079 Registered 68803 24-Apr-1990 24-Apr-2000

Country: Korea, South

Owner: UCAR Carbon Technology Corp.

Agent: KIM Kim, Shin & Yu

Classes: 16

Remarks: Assignment recorded 4/17/90. License and address change recorded 6/15/93.

Goods: Natural graphite and graphite.

GRAFOIL IN KATAKANA MR 1080 Registered 1756787 1756787 25-Mar-1995 25-Mar-2005

Country: Japan

Owner: UCAR Carbon Technology Corp.

Agent: SUZU Suzuye & Suzuye

Classes: 34

Remarks: Assignment recorded 11/5/90.

Goods: Individual or laminated sheets, strips and foam, all made of carbon or graphite, and all other goods in the class.

GRAFSHIELD MR 1201 Pending 78/517642 17 Jul-1998

Country: United States of America

Owner: UCAR Carbon Technology Corp.

Classes: 1

Remarks:

Goods: plates, cylinders and other materials for use as industrial heat shields, baffles or seals

Trademark List

Thursday, November 05, 1998

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GRAPHI-TOOL Country: Ireland, Republic of	MR	UCAR Carbon Technology Corp. Agent: KELL F.R. Kelly & Co.	1084	Registered	6100/92 18-Nov-1992	154737 18-Nov-1992	18-Nov-1999	
		Classes: 7 Goods: Graphite tooling systems used in tooling carbon and/or graphite composites for use in the defense, satellite and aerospace industries		Remarks:				
GRAPHI-TOOL Country: Taiwan	MR	UCAR Carbon Technology Corp.	1085	Registered	81063363 23-Dec-1992	614602 10-Oct-1993	30-Sep-2003	
		Agent: LEE Lee and Li Classes: 84 Goods: Graphite tooling machines.		Remarks:				
GRAPHI-TOOL Country: United Kingdom	MR	UCAR Carbon Technology Corp. Agent: GRAN Grant, Spencer, Causley & Port	1086	Registered		1518774 13-Nov-1992	13-Nov-1999	
		Classes: 7 Goods: Machine tools, parts and fitting for all the aforesaid goods, all included in Class 7		Remarks:				
GRAPHI-TOOL Country: United States of America	MR	UCAR Carbon Technology Corp.	1087	Registered	073356 27-Jan-1990	1702837 28-Jul-1992	28-Jul-2002	
		Classes: 7 Goods: Graphite tooling systems used in tooling carbon and/or graphite composites for use in the defense, satellite and aerospace industries		Remarks: Section 8 & 15 accepted 7/23/98.				

Trademark List

Trademark Name	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
GSP Country: United States of America	MR	1088	Registered	723111 18-Apr-1988 Remarks: Sections 8 & 15 accepted 12/11/95.	1546426 04-Jul-1989	04-Jul-2009	09-Sep-1987
GTS Country: United States of America	MR	1089	Registered	784266 03-Mar-1989 Remarks: Sections 8 & 15 accepted 12/4/95.	1569027 05-Dec-1989	05-Dec-1999	07-Apr-1988
PYROFOAM Country: Canada	MR	1091	Registered	17-1988 27-Aug-1986 Remarks:	17-1988 27-Aug-1986	27-Aug-2001	
RIBBON-PACK Country: United States of America	MR	1093	Registered	233722 21-Apr-1988 Remarks: Sections 8 & 15 accepted 3/25/96.	1541522 30-May-1989	30-May-2009	

TRADEMARK

REEL: 002063 FRAME: 0433

Trademark List

Trademark Name	Division	Attorney(s)	Case Number	Status	Application Number/Filing	Registration Number/Date	Renewal Date	First Use Date
SMART RAM Country: United States of America		MR	1094	Registered	74/170580 28-May-1991 Remarks: Sections 8 & 15 accepted 3/3/98.	1727628 27-Oct-1992	27-Oct-2002	18-Apr-1991
SOCKET MARKING FOR ELECTRODES Country: United States of America		MR	1095	Registered		418218 11-Dec-1985	11-Dec-2005	
SUPER GTO Country: United States of America		MR	1096	Pending	75/309150 16-Jun-1997			

SCHEDULE III
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

COPYRIGHT REGISTRATIONS AND COPYRIGHT
REGISTRATION APPLICATIONS

<i>Registration No.</i>	<i>Country</i>	<i>Issue or File Date</i>	<i>Title</i>
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[None]

SCHEDULE IV
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

TRADE NAMES

[None]

SCHEDULE V
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

LIENS ON

[None]

SCHEDULE VI
TO INTELLECTUAL
PROPERTY SECURITY AGREEMENT

Offices Where Financing Statements Need to be Filed

[See Security Agreement]

SUBSIDIARY GRANTORS

UCAR International Inc.
UCAR Global Enterprises Inc.
UCAR Carbon Company Inc.
UCAR Carbon Technology Corporation
UCAR Holdings Inc.
UCAR Holdings II Inc.
UCAR Holdings III Inc.
UCAR International Trading Inc.
Union Carbide Grafito, Inc.
UCAR Composites Inc.