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Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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102329494

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

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

1. Name of conveying party(ies):

The CIT Group/Business Credit, Inc.

12-30-02

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Release of Security Interest in Patents

Execution Date: 12/19/02

2. Name and address of receiving party(ies)

Name: Sterling Chemicals International, Inc.

Internal Address: _____

Street Address: 1200 Smith Street

City: Houston State: TX Zip: 77002

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

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

See attached Appendix A

B. Patent No.(s) _____

See attached Appendix A

Additional numbers attached? ☒ Yes ☐ No

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

Name: John W. McCarver

Internal Address: Suite 4200

Street Address: 600 Travis Street

City: Houston State: TX Zip: 77002

6. Total number of applications and patents involved: 82

7. Total fee (37 CFR 3.41).....\$ 3,280.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

John W. McCarver

Name of Person Signing

Signature

12/27/02

Date

Total number of pages including cover sheet, attachments, and documents: 40

01/07/2003 LNUELLER 00000056 4421707

01 FC:8021

3280.00 OP

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013589 FRAME: 0715

Additional Name and Address of Receiving Party:

Name: Sterling Canada, Inc.
Internal Address: Suite 1900
Street Address: 1200 Smith Street
City: Houston
State: Texas
Zip: 77002

HOU:2105024.1

APPENDIX A

ISSUED PATENTS

OWNER	COUNTRY	PATENT NO.	ISSUE DATE	INVENTOR(S)	TITLE
Sterling Chemicals International, Inc.	United States	4,421,707	12/20/83	Kourtz & Daftary	Acrylic Wet Spinning Process
Sterling Chemicals International, Inc.	United States	4,459,332	7/10/84	Giglia	Flocked Fabric Laminate for Protection Against Chemical Agents
Sterling Chemicals International, Inc.	United States	4,495,030	1/22/85	Giglia	Filter Paper
Sterling Chemicals International, Inc.	United States	4,565,727	1/21/86	Giglia & Battistelli	Non-woven Activated Carbon Fabric
Sterling Chemicals International, Inc.	United States	4,597,843	7/1/86	Goupil & Musolino	Enhanced Bulk Porosity of Polymer Structures Via Plasma Technology
Sterling Chemicals International, Inc.	United States	4,866,107	9/12/89	Doxsee, Evans, O'Toole	Acrylic Containing Friction Materials
Sterling Chemicals International, Inc.	United States	4,904,343	2/27/90	Giglia & Battistelli	Non-woven Activated Carbon Fabric
Sterling Chemicals International, Inc.	United States	4,929,502	5/29/90	Giglia	Fibrillated Fibers and Articles Made Therefrom

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Sterling Chemicals International, Inc.	United States	5,192,604	3/9/93	Giglia	Fibrillated Fibers and Articles Made Therefrom
Sterling Chemicals International, Inc.	United States	5,270,384	12/14/93	Chang, Anderson & Ley	Surface-Modified Polyacrylonitrile Fibrous Substrates
Sterling Chemicals International, Inc.	United States	5,272,198	12/21/93	Kaminski & Evans	Asbestos-Free Microdenier Acrylic Fiber Reinforced Material for Gaskets and the Like
Sterling Chemicals International, Inc.	United States	5,284,910	2/8/94	Chang, Anderson & Ley	Surface-Modified Polyacrylonitrile Fibrous Substrates
Sterling Chemicals International, Inc.	United States	5,306,782	4/26/94	Chang, Anderson & Ley	Surface-Modified Polyacrylonitrile Fibrous Substrates
Sterling Chemicals International, Inc.	United States	5,362,562	11/8/94	Evans, Maranci & Kaminski	Crimped Acrylic Fibers Having Improved Thixotropic Performance
Sterling Chemicals International, Inc.	United States	5,372,632	12/13/94	Avotins & Evans	Process for Producing Fiber Bonded Agglomerated Ore Materials
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Sterling Chemicals International, Inc.	United States	5,520,866	5/28/96	Kaminski & Evans	Process for the Preparation of Friction Materials Containing Blends of Organic Fibrous and Particulate Components
Sterling Chemicals International, Inc.	United States	5,889,080	3/30/99	Kaminski & Evans	Friction Materials Containing Blends of Organic Fibrous and Particulate Components
Sterling Chemicals International, Inc.	United States	5,889,082	3/30/99	Kaminski & Evans	Method for Manufacturing Friction Materials Containing Blends of Organic Fibrous and Particulate Components
Sterling Canada, Inc.	United States	4325934	4/20/82	Swindells R Fredette MC	Chlorine dioxide process
Sterling Canada, Inc.	United States	4251503	4/12/81	Cowley G Swindells R	Control system for chlorine dioxide plants
Sterling Canada, Inc.	United States	4251224	2/17/81	Cowley G Swindells R	Control system for chlorine dioxide plants
Sterling Canada, Inc.	United States	4250159	2/10/81	Cowley G	Small scale chlorine dioxide plant
Sterling Canada, Inc.	United States	4336120	12/28/82	Cowley G	Small scale chlorine dioxide plant

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Sterling Canada, Inc.	United States	4393035	7/12/83	Fredette MC	Method of producing hydrochloric and sulfuric acid from chlorine, sulfur dioxide and water
Sterling Canada, Inc.	United States	4393036	7/12/83	Fredette MC	Method of making mixed acid for R7 process
Sterling Canada, Inc.	United States	4729817	3/8/88	Reeve D Francis RC	Hydrogen peroxide delignification
Sterling Canada, Inc.	United States	4465658	8/14/84	Fredette MC	Chlorine dioxide process
Sterling Canada, Inc.	United States	4473540	9/25/84	Fredette MC	Chlorine dioxide process
Sterling Canada, Inc.	United States	4678655	7/7/87	Twardowski Z	Effluent acid recovery from Mathieson plants
Sterling Canada, Inc.	United States	4627969	12/9/86	Fredette MC Yang CS	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4931268	6/5/90	Fredette MC Yang CS	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4683039	7/28/87	Twardowski Z McGilvery JD	Prevaporation of chlorine dioxide
Sterling Canada, Inc.	United States	4780304	10/25/88	Bechberger EJ McGregor CR	Acid injection nozzle
Sterling Canada, Inc.	United States	5066477	11/19/91	Zell MS Fredette MC	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4731169	3/15/88	Lipsztajn M	Selective removal of chlorine from solutions of chlorine dioxide and chlorine

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OWNER	COUNTRY	PATENT NO.	ISSUE DATE	INVENTOR(S)	TITLE
Sterling Canada, Inc.	United States	4853096	8/1/89	Lipzajtajn M McGilvery JD Twardowski Z	Production of chlorine dioxide in an electrolytic cell
Sterling Canada, Inc.	United States	4767510	8/30/88	Lipzajtajn M	Electrolytic production of chlorine dioxide
Sterling Canada, Inc.	United States	4802959	2/7/89	Lipzajtajn M	Electrosynthesis of persulfate
Sterling Canada, Inc.	United States	4806215	2/21/89	Twardowski Z	Combined process for the production of chlorine dioxide and sodium hydroxide
Sterling Canada, Inc.	United States	5174868	12/29/92	Lipzajtajn M Twardowski Z Fredette MC	Chlorine dioxide generation from chloric acid
Sterling Canada, Inc.	United States	5284553	2/8/94	Lipzajtajn M Twardowski Z Fredette MC	Chlorine dioxide generation from chloric acid
Sterling Canada, Inc.	United States	5116595	5/26/92	Scribner IIC Fredette MC Bechberger EJ	Metathesis of acidic by-product of chlorine dioxide generating apparatus
Sterling Canada, Inc.	United States	5593653	1/14/97	Scribner IIC Fredette MC Bechberger EJ Pu C	Metathesis of acidic by-product of chlorine dioxide generating apparatus
Sterling Canada, Inc.	United States	5205995	4/27/93	Scribner IIC Fredette MC Bechberger EJ	Metathesis of acidic by-product of chlorine dioxide generating apparatus

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ISSUED PATENTS

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Sterling Canada, Inc.	United States	5399332	3/21/95	Pu C	Dynamic leaching procedure for metathesis
Sterling Canada, Inc.	United States	5676920	10/14/97	Lipsztajn M	Low acidity chlorine dioxide generation process
Sterling Canada, Inc.	United States	5277768	1/11/94	Twardowski Z	Membrane cell washing
Sterling Canada, Inc.	United States	5256261	10/26/93	Lipsztajn M Rizzi J	Membrane cell operation
Sterling Canada, Inc.	United States	5851374	12/22/98	Cowley G Lipsztajn M	Process for Production of Chlorine Dioxide
Sterling Canada, Inc.	United States	5366714	11/22/94	Bigauskas TD	Hydrogen peroxide based chlorine dioxide process
Sterling Canada, Inc.	United States	4915927	4/10/90	Lipsztajn M Twardowski Z Cowley G	Electrosynthesis of chloric acid

PENDING PATENT APPLICATIONS

OWNER	COUNTRY	PATENT APPL. NO.	TITLE	INVENTOR(S)	FILING DATE
Sterling Chemicals International, Inc.	United States	08/869,081	Antistatic Fibers and Methods for Making the Same	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	09/338,022	Method for Making Antistatic Fibers	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	N/A	Antistatic Fibers and Methods for Making the Same	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	08/287,736	Friction Materials Containing Blends of Organic Fibrous and Particulate Components	Kaminski S Evans R	8/9/94
Sterling Canada, Inc.	United States	09/327529	High Purity Alkali Metal Chlorite and Method of Manufacture	Dick P Cowley G	6/8/99
Sterling Canada, Inc.	United States	08/736682	Improved process for metathesis	Bigauskas TD	10/25/96

PENDING PATENT APPLICATIONS

OWNER	COUNTRY	PATENT APPL. NO.	TITLE	INVENTOR(S)	FILING DATE
Sterling Canada, Inc.	United States	60/035488	Process for production of chlorine dioxide	Costa ML Fredette MC	1/13/97
Sterling Canada, Inc.	United States	08/912171	Determination of Chlorate Ion Concentration Using Microelectrodes	Lipsztajn M	8/15/97
Sterling Canada, Inc.	United States	09/113163	Nitric Acid Based Chlorine Dioxide Generating Process	Bechberger EJ	7/10/98
Sterling Canada, Inc.	United States	60/138580	Method of Chlorine Dioxide Production	Costa ML	6/11/99

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RELEASE OF SECURITY INTEREST IN PATENTS

Reference is made to that certain Patent Security Agreement dated as of July 23, 1999 (the "Security Agreement"; capitalized terms used and not otherwise defined herein have the meanings specified in the Security Agreement), attached hereto as Exhibit A, by and among Sterling Chemicals, Inc., Sterling Canada, Inc., Sterling Pulp Chemicals US, Inc., Sterling Pulp Chemicals, Inc., Sterling Fibers, Inc., Sterling Chemicals Energy, Inc., Sterling Chemicals International, Inc., and The CIT Group/Business Credit, Inc., as administrative agent for each of the Fixed Assets Secured Parties (in such capacity, the "Administrative Agent").

In consideration of the full and final payment of the indebtedness secured thereby, the Administrative Agent hereby terminates the Security Agreement and releases its lien on and security interest in the Patent Collateral arising under the Security Agreement. The Administrative Agent hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to record this release of the security interest in the Patent Collateral and each part thereof.

Dated effective as of the 19th day of December, 2002.

THE CIT GROUP/BUSINESS CREDIT, INC.,
as Administrative Agent

By: [Signature]
Name: Grant Weiss
Title: Vice President

THE STATE OF New York §

COUNTY OF New York §

The foregoing instrument was acknowledged before me on December 18th, 2002, by Grant Weiss, Vice President of THE CIT GROUP/BUSINESS CREDIT, INC., a _____ corporation, on behalf of said corporation.

[Signature]
Notary Public in and for the Aforesaid State

My Commission expires: Sept 3, 2006

KAREN YAN YAN MO
NOTARY PUBLIC, State of New York
No. 01MO6079737
Qualified in New York County
Commission Expires Sept. 3, 2006

EXHIBIT A
to Release of Security Interest in Patents

PATENT SECURITY AGREEMENT

See attached.

PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Agreement"), dated as of July 23, 1999, is made among STERLING CHEMICALS, INC., a Delaware corporation, STERLING CANADA, INC., a Delaware corporation, STERLING PULP CHEMICALS US, INC., a Delaware corporation, STERLING PULP CHEMICALS, INC., a Georgia corporation, STERLING FIBERS, INC., a Delaware corporation, STERLING CHEMICALS ENERGY, INC., a Delaware corporation, and STERLING CHEMICALS INTERNATIONAL, INC., a Delaware corporation (the "Grantors"), and THE CIT GROUP/BUSINESS CREDIT, INC., as administrative agent (together with any successor(s) thereto in such capacity, the "Administrative Agent") for each of the Fixed Assets Secured Parties.

WITNESSETH:

WHEREAS, pursuant to a Revolving Credit Agreement, dated as of July 23, 1999 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Credit Agreement"), among Sterling Chemicals, Inc., a Delaware corporation (the "Company"), Sterling Canada, Inc., a Delaware corporation, Sterling Pulp Chemicals US, Inc., a Delaware corporation, Sterling Pulp Chemicals, Inc., a Georgia corporation, Sterling Fibers, Inc., a Delaware corporation, Sterling Chemicals Energy, Inc., a Delaware corporation, and Sterling Chemicals International, Inc., a Delaware corporation (collectively, the "Borrowers"), the various financial institutions as are, or may from time to time become, parties thereto (the "Lenders"), DLJ Capital Funding, Inc., as the Syndication Agent, Credit Suisse First Boston, as the Documentation Agent, and the Administrative Agent, the Lenders and the Issuer have extended Commitments to make Credit Extensions to the Borrowers;

WHEREAS, in connection with the Credit Agreement, the Grantors have executed and delivered a Fixed Assets Security Agreement, dated as of July 23, 1999 (as amended, supplemented, amended and restated or otherwise modified from time to time, the "Security Agreement");

WHEREAS, as a condition precedent to the making of the Credit Extensions (including the initial Credit Extension) under the Credit Agreement and pursuant to clause (e) of Section 4.5 of the Security Agreement, each Grantor is required to execute and deliver this Agreement and to grant to the Administrative Agent a continuing security interest in all of the Patent Collateral (as defined below) to secure all Fixed Assets Obligations;

WHEREAS, each Grantor has duly authorized the execution, delivery and performance of this Agreement; and

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in order to induce (i) the Fixed Assets Lenders to make Fixed Assets Loans (including the initial Fixed Assets Loans) to the Borrowers pursuant to the Credit Agreement and (ii) the Fixed Assets Secured Parties to enter into Rate Protection Agreements, each Grantor agrees, for the benefit of each Fixed Assets Secured Party, as follows:

SECTION 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided (or incorporated by reference) in the Security Agreement.

SECTION 2. Grant of Security Interest. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to secure all of the Fixed Assets Obligations, each Grantor does hereby pledge and hypothecate to the Administrative Agent, and grant to the Administrative Agent a security interest in, for its benefit and the benefit of each Fixed Assets Secured Party, all of the following property (the "Patent Collateral"), whether now owned or hereafter acquired or existing by it:

(a) all letters patent and applications for letters patent in the United States, including all patent applications in preparation for filing in the United States and including each patent and patent application referred to in Item A of Schedule I attached hereto;

(b) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the items described in clause (a);

(c) all patent licenses in the United States, including each patent license referred to in Item B of Schedule I attached hereto; and

(d) all proceeds of, and rights associated with, the foregoing (including license royalties and proceeds of infringement suits), the right to sue third parties for past, present or future infringements of any patent or patent application, referred to in clauses (a) or (b) above, and for breach or enforcement of any patent license referred to in clause (c) above.

SECTION 3. Security Agreement. This Agreement has been executed and delivered by the Grantors for the purpose of registering the security interest of the Administrative Agent in the Patent Collateral with the United States Patent and Trademark Office. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to the Administrative Agent for its benefit and the benefit of each Fixed Assets Secured Party under the Security Agreement. The Security Agreement (and all rights and remedies of the Administrative Agent and each Fixed Assets Secured Party thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Release of Security Interest. Upon (i) the sale, transfer or other disposition of any Patent Collateral in accordance with the Credit Agreement or (ii) the Fixed Assets Termination Date, the Administrative Agent shall, at the Grantors' expense, execute and deliver to the Grantors all instruments and other documents as may be necessary or proper to release the lien on and security interest in the Patent Collateral which has been granted hereunder.

SECTION 5. Acknowledgment. Each Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.

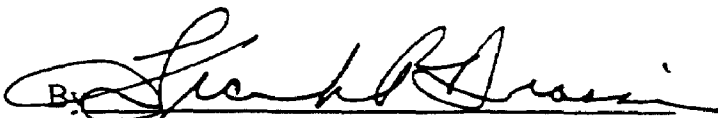
SECTION 6. Loan Document, etc. This Agreement is a Loan Document executed pursuant to the Credit Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions of the Credit Agreement.

SECTION 7. Counterparts. This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original (whether such counterpart is originally executed or an electronic copy of an original) and all of which shall constitute together but one and the same agreement. This Agreement shall become effective and binding as of the date first above written when a counterpart hereof executed on behalf of each Grantor shall have been received by the Administrative Agent.

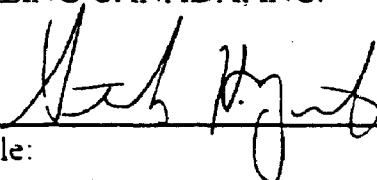
SECTION 8. Agreement Subject to Revolver Intercreditor Agreement. Notwithstanding anything to the contrary contained herein, it is expressly understood and agreed by the parties hereto that this Agreement shall be subject to the terms of the Revolver Intercreditor Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

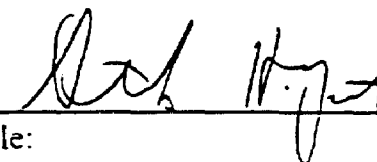
STERLING CHEMICALS, INC.

By 
Title:

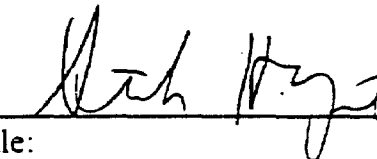
STERLING CANADA, INC.

By 
Title:

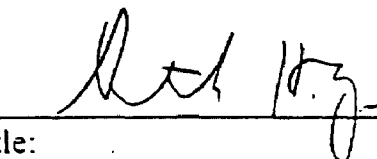
STERLING PULP CHEMICALS US, INC.

By 
Title:

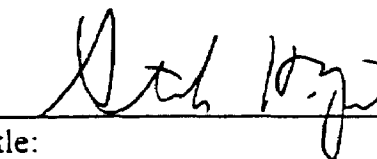
STERLING PULP CHEMICALS, INC.

By 
Title:

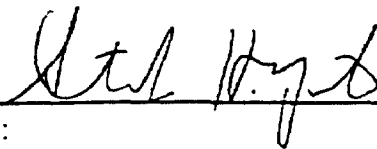
STERLING FIBERS, INC.

By 
Title:

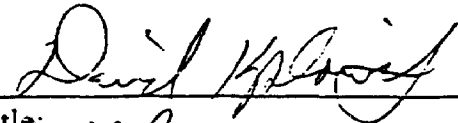
STERLING CHEMICALS ENERGY, INC.

By 
Title:

STERLING CHEMICALS
INTERNATIONAL, INC.

By 
Title:

THE CIT GROUP/BUSINESS CREDIT,
INC. as Administrative Agent, on behalf of
the Fixed Assets Secured Parties

By 
Title: VP

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Sterling Canada, Inc.	United States	4473540	9/25/84	Fredette MC	Chlorine dioxide process
Sterling Canada, Inc.	United States	4678655	7/7/87	Twardowski Z	Effluent acid recovery from Mathieson plants
Sterling Canada, Inc.	United States	4627969	12/9/86	Fredette MC Yang CS	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4931268	6/5/90	Fredette MC Yang CS	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4683039	7/28/87	Twardowski Z McGilvery JD	Preparation of chlorine dioxide
Sterling Canada, Inc.	United States	4780304	10/25/88	Bechberger EJ McGregor CR	Acid injection nozzle
Sterling Canada, Inc.	United States	5066477	11/19/91	Zell MS Fredette MC	Production of chlorine dioxide
Sterling Canada, Inc.	United States	4731169	3/15/88	Lipsztajn M	Selective removal of chlorine from solutions of chlorine dioxide and chlorine

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ISSUED PATENTS

OWNER	COUNTRY	PATENT NO.	ISSUE DATE	INVENTOR(S)	TITLE
Sterling Canada, Inc.	United States	4853096	8/1/89	Lipzajtajn M McGilvery JD Twardowski Z	Production of chlorine dioxide in an electrolytic cell
Sterling Canada, Inc.	United States	4767510	8/30/88	Lipzajtajn M	Electrolytic production of chlorine dioxide
Sterling Canada, Inc.	United States	4802959	2/7/89	Lipzajtajn M	Electrosynthesis of persulfate
Sterling Canada, Inc.	United States	4806215	2/21/89	Twardowski Z	Combined process for the production of chlorine dioxide and sodium hydroxide
Sterling Canada, Inc.	United States	5174868	12/29/92	Lipzajtajn M Twardowski Z Fredette MC	Chlorine dioxide generation from chloric acid
Sterling Canada, Inc.	United States	5284553	2/8/94	Lipzajtajn M Twardowski Z Fredette MC Bechberger EJ	Chlorine dioxide generation from chloric acid
Sterling Canada, Inc.	United States	5116595	5/26/92	Scribner HC Fredette MC Bechberger EJ	Metathesis of acidic by-product of chlorine dioxide generating apparatus
Sterling Canada, Inc.	United States	5593653	1/14/97	Scribner HC Fredette MC Bechberger EJ Pu C	Metathesis of acidic by-product of chlorine dioxide generating apparatus
Sterling Canada, Inc.	United States	5205995	4/27/93	Scribner HC Fredette MC Bechberger EJ	Metathesis of acidic by-product of chlorine dioxide generating apparatus

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ISSUED PATENTS

OWNER	COUNTRY	PATENT NO.	ISSUE DATE	INVENTOR(S)	TITLE
Sterling Canada, Inc.	United States	5399332	3/21/95	Pu C	Dynamic leaching procedure for metathesis
Sterling Canada, Inc.	United States	5676920	10/14/97	Lipsztajn M	Low acidity chlorine dioxide generation process
Sterling Canada, Inc.	United States	5277768	1/11/94	Twardowski Z	Membrane cell washing
Sterling Canada, Inc.	United States	5256261	10/26/93	Lipsztajn M Rizzi J	Membrane cell operation
Sterling Canada, Inc.	United States	5851374	12/22/98	Cowley G Lipsztajn M	Process for Production of Chlorine Dioxide
Sterling Canada, Inc.	United States	5366714	11/22/94	Bigauskas TD	Hydrogen peroxide based chlorine dioxide process
Sterling Canada, Inc.	United States	4915927	4/10/90	Lipsztajn M Twardowski Z Cowley G	Electrosynthesis of chloric acid

PENDING PATENT APPLICATIONS

OWNER	COUNTRY	PATENT APPL. NO.	TITLE	INVENTOR(S)	FILING DATE
Sterling Chemicals International, Inc.	United States	08/869,081	Antistatic Fibers and Methods for Making the Same	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	09/538,022	Method for Making Antistatic Fibers	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	N/A	Antistatic Fibers and Methods for Making the Same	Rodriguez E Lindsay J Streetman W	6/4/97
Sterling Chemicals International, Inc.	United States	08/287,736	Friction Materials Containing Blends of Organic Fibrous and Particulate Components	Kaminski S Evans R	8/9/94
Sterling Canada, Inc.	United States	09/327529	High Purity Alkali Metal Chlorite and Method of Manufacture	Dick P Cowley G	6/8/99
Sterling Canada, Inc.	United States	08/736682	Improved process for metathesis	Bigauskas TD	10/25/96

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PENDING PATENT APPLICATIONS

OWNER	COUNTRY	PATENT APPL. NO.	TITLE	INVENTOR(S)	FILING DATE
Sterling Canada, Inc.	United States	60/035488	Process for production of chlorine dioxide	Costa ML Fredette MC	1/13/97
Sterling Canada, Inc.	United States	08/912171	Determination of Chlorate Ion Concentration Using Microelectrodes	Lipsztajn M	8/15/97
Sterling Canada, Inc.	United States	09/113163	Nitric Acid Based Chlorine Dioxide Generating Process	Bechberger EJ	7/10/98
Sterling Canada, Inc.	United States	60/138580	Method of Chlorine Dioxide Production	Costa ML	6/11/99

PATENT APPLICATIONS IN PREPARATION

None

Riders A, B & C
Attached.

PATENT LICENSES

COUNTRY	LICENSOR	LICENSEE	EFFECTIVE DATE	SUBJECT MATTER	Patent Number
United States	Sterling Canada, Inc.	Boise Cascade Corp.	8/3/88	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Boise Cascade Corp.	1/8/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Mead Paper	1/8/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Boise Cascade Corp.	1/8/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Boise Cascade Corp.	1/8/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Bowater, Inc.	11/10/88	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Bowater, Inc.	12/12/88	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Buckeye Florida, LP	1/25/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Champion International Corp.	3/15/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Champion International Corp.	12/1/92	ERCO R8/R10 Process	Riders A & B
United States	Sterling Canada, Inc.	Champion International Corp.	11/2/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Champion International Corp.	8/11/93	ERCO R8/R10 Process	Riders A & B
United States	Sterling Canada, Inc.	St. Laurent Paper Products Corp.	12/2/92	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	International Paper Co.	7/12/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	6/19/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	12/10/91	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	10/2/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	11/15/88	ERCO R8 Process	Rider A

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United States	Sterling Canada, Inc.	Georgia Pacific Corp.	7/1/93	ERCO R8/R10 Process	Riders A & B
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	7/1/93	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Gulf States Paper Corp.	4/3/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	International Paper Co.	4/16/91	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	International Paper Co.	1/27/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	International Paper Co.	7/13/88	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Ft. James Corp.	10/4/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Ft. James Corp.	9/17/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Mead Paper	2/28/92	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Mead Paper	8/29/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	PH Glatfelter Co.	7/31/92	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Potlatch Corp.	9/22/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Potlatch Corp.	3/9/93	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Potlatch Corp.	8/8/95	ERCO R10 Process	Rider A
United States	Sterling Canada, Inc.	Weyerhaeuser	1/19/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Weyerhaeuser	1/15/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Weyerhaeuser	1/8/93	ERCO R8/R10 Process	Riders A & B
United States	Sterling Canada, Inc.	Finch Pruyn & Co., Inc.	7/19/95	ERCO R8 Process	Rider A

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United States	Sterling Canada, Inc.	International Paper Co.	4/4/90	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	SD Warren Co.	11/30/95	ERCO R8/R10 Process	Riders A & B
United States	Sterling Canada, Inc.	Willamette Industries, Inc.	7/14/96	ERCO R8/R10 Process	Riders A, B & C
United States	Sterling Canada, Inc.	International Paper Co.	10/23/97	ERCO R8 Process	Riders A & C
United States	Sterling Canada, Inc.	Willamette Industries, Inc.	7/14/96	ERCO R8/R10 Process	Riders A, B & C
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	2/16/98	ERCO R8/R10 Process	Riders A, B & C
United States	Sterling Canada, Inc.	Bowater, Inc.		ERCO R8 Process	Riders A & C
United States	Sterling Canada, Inc.	Georgia Pacific Corp.	3/18/99	ERCO R8 Process	Riders A & C
United States	Sterling Canada, Inc.	Stone Container Corp.	3/24/99	ERCO R8 Process	Rider A & C
United States	Sterling Canada, Inc.	Jefferson Smurfit Corp.	3/26/99	ERCO R8 Process	Rider A & C

China	American Cyanamid Co.	China Petrochemical International Co	11/14/84	Acrylic Fiber Production Technology
China	American Cyanamid Co.	China Petrochemical International Co	10/28/91	Acrylic Fiber Production Technology
China	Cytec Industries, Inc.	Daqing Oilfield Petrochemical Corporation	8/22/96	Acrylic Fiber Production Technology
China	Cytec Industries, Inc.	Daqing Oilfield Petrochemical Corporation	8/28/96	Vinyl Acetate Conversion for Acrylic Fibers Manufacture

RIDER A

Patent No.

4081520

4203961

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PATENT

REEL: 013589 FRAME: 0745

RIDER B

Patent No.

4325934.

5116595.

5205995.

5399332.

5593653.

PATENT

REEL: 013589 FRAME: 0746

RIDER C

Patent No.

4978517

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PATENT

REEL: 013589 FRAME: 0747

PATENT APPLICATIONS IN PREPARATION

None

Riders A, B & C
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United States	Sterling Canada, Inc.	Boise Cascade Corp.	8/3/88	ERCO R8 Process	Rider A
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United States	Sterling Canada, Inc.	Champion International Corp.	11/2/89	ERCO R8 Process	Rider A
United States	Sterling Canada, Inc.	Champion International Corp.	8/11/93	ERCO R8/R10 Process	Riders A & B
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China	Cytec Industries, Inc.	Daqing Oilfield Petrochemical Corporation	8/28/96	Vinyl Acetate Conversion for Acrylic Fibers Manufacture

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REEL: 013589 FRAME: 0752

RIDER B

Patent No.

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REEL: 013589 FRAME: 0753

RIDER C

Patent No.

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