

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4712864

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
THE CHEMOURS COMPANY FC, LLC	11/16/2017
THE CHEMOURS COMPANY TT, LLC	11/16/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT
<b>Street Address:</b>	270 PARK AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10017

**PROPERTY NUMBERS Total: 27**

Property Type	Number
Application Number:	15323982
Application Number:	15504027
Application Number:	15506605
Application Number:	15506639
Application Number:	15517866
Application Number:	15532063
Application Number:	15544012
Application Number:	15546001
Application Number:	15546000
Application Number:	62537784
Application Number:	62547518
Application Number:	15690086
Application Number:	15554779
Application Number:	15699067
Application Number:	62556783
Application Number:	62556744
Application Number:	62565655
Application Number:	15723854
Application Number:	62564306

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Property Type	Number
Application Number:	15564306
Application Number:	62570422
Application Number:	62571472
Application Number:	62571460
Application Number:	15786199
Application Number:	62575728
Application Number:	15569404
Application Number:	15666770

**CORRESPONDENCE DATA**

**Fax Number:** (800)494-7512

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 202-370-4750

**Email:** ipteam@cogencyglobal.com

**Correspondent Name:** JOANNA MCCALL

**Address Line 1:** 1025 VERMONT AVE NW, SUITE 1130

**Address Line 2:** COGENCY GLOBAL INC.

**Address Line 4:** WASHINGTON, D.C. 20005

**ATTORNEY DOCKET NUMBER:** F174086

**NAME OF SUBMITTER:** JORDANA DREYFUSS

**SIGNATURE:** /Jordana Dreyfuss/

**DATE SIGNED:** 12/01/2017

**Total Attachments: 6**

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PATENT SECURITY AGREEMENT dated as of November 16, 2017 (this "Agreement"), among THE CHEMOURS COMPANY, a Delaware corporation (the "Borrower"), the other Subsidiary Loan Parties from time to time party hereto and JPMorgan Chase Bank, N.A. ("JPMCB"), as Administrative Agent.

Reference is made to (a) the Credit Agreement dated as of May 12, 2015 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrower, the Lenders and Issuing Banks from time to time party thereto and JPMCB, as Administrative Agent, and (b) the Guarantee and Collateral Agreement dated as of May 12, 2015 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among the Borrower, the Subsidiary Loan Parties from time to time party thereto and JPMCB, as Administrative Agent. The Lenders and the Issuing Banks have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The obligations of the Lenders and the Issuing Banks to extend such credit are conditioned upon, among other things, the execution and delivery of this Agreement. The Subsidiary Loan Parties party hereto (other than the Borrower) are Affiliates of the Borrower, will derive substantial benefits from the extension of credit to the Borrower pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Lenders and the Issuing Banks to extend such credit. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Each capitalized term used but not otherwise defined herein shall have the meaning specified in the Credit Agreement or the Collateral Agreement, as applicable. The rules of construction specified in Section 1.03 of the Credit Agreement also apply to this Agreement, *mutatis mutandis*.

SECTION 2. Grant of Security Interest. As security for the payment or performance in full of the Obligations, each Grantor pursuant to the Collateral Agreement did, and hereby does, pledge and collaterally assign to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, and hereby grants to the Administrative Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest in all of such Grantor's right, title and interest in, to and under any and all of the following assets now owned or at any time hereafter acquired by such Grantor or in, to or under which such Grantor now has or at any time hereafter may acquire any right title or interest (collectively, the "Patent Collateral"):

(a) all letters patent of the United States of America or the equivalent thereof in any other country, all registrations and recordings thereof, and all applications for letters patent of the United States of America or the equivalent thereof in any other country or any political subdivision thereof, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar office in any other country or any political subdivision thereof, including, in the case of such Grantor, any of the United States patents and patent applications set forth under its name on Schedule I; and

(b) all reissues, continuations, divisionals, continuations-in-part, reexaminations, supplemental examinations, *inter partes* reviews, renewals, adjustments or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, have made, use, sell, offer to sell, import or export the inventions disclosed or claimed therein.

SECTION 3. Collateral Agreement. The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or other electronic imaging shall be effective as delivery of a manually executed counterpart of this Agreement.

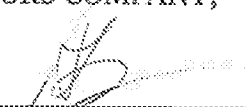
SECTION 5. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby shall be governed by, and construed in accordance with, the law of the State of New York.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

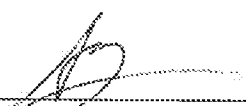
THE CHEMOURS COMPANY,

by

  
Name: Alsha Bellezza  
Title: Treasurer

THE CHEMOURS COMPANY FC, LLC,

by

  
Name: Alsha Bellezza  
Title: Treasurer

JPMORGAN CHASE BANK, N.A., as  
Administrative Agent,

by

\_\_\_\_\_  
Name:  
Title:

[Signature Page to Patent Security Agreement]

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REEL: 044269 FRAME: 0563

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

THE CHEMOURS COMPANY,

by

\_\_\_\_\_  
Name:

Title:

THE CHEMOURS COMPANY FC, LLC,


by

\_\_\_\_\_  
Name:

Title:

JPMORGAN CHASE BANK, N.A., as  
Administrative Agent.

by



\_\_\_\_\_  
Name:

Peter S. Produn

Title:

Executive Director

{Signature Page to Patent Security Agreement}

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**PATENT**  
**REEL: 044269 FRAME: 0564**

SCHEDULE I

U.S. Patent Registrations

Title	Application No.	Filing Date	Owner
AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF HFO-E-1,3,4,4,4-PENTAFLUORO-3-TRIFLUOROMETHYL-1-BUTENE AND USES THEREOF	15/323982	01/05/2017	THE CHEMOURS COMPANY FC, LLC
ETCH CUTTING SOLUTION FOR USE ON GLASS SUBSTRATES	15/504027	02/15/2017	THE CHEMOURS COMPANY FC, LLC
AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS COMPRISING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND METHYL PERFLUOROPROPYL ETHER	15/506605	02/24/2017	THE CHEMOURS COMPANY FC, LLC
USE OF (2E)-1,1,1,4,5,5,5-HEPTAFLUORO-4-(TRIFLUOROMETHYL)PENT-2-ENE IN HIGH TEMPERATURE HEAT PUMPS	15/506639	02/24/2017	THE CHEMOURS COMPANY FC, LLC
USE OF (2E)-1,1,1,4,5,5,5-HEPTAFLUORO-4-(TRIFLUOROMETHYL)PENT-2-ENE IN POWER CYCLES	15/517866	04/07/2017	THE CHEMOURS COMPANY FC, LLC
HFO-1234ZE COPOLYMERS	15/532063	05/31/2017	THE CHEMOURS COMPANY FC, LLC
AQUEOUS CORROSION RESISTANT COATINGS WITH SURFACE-HYDROPHOBIC INORGANIC PARTICLES	15/544012	07/16/2017	THE CHEMOURS COMPANY TT, LLC
COMPOSITIONS COMPRISING E-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND USES THEREOF	15/546001	07/24/2017	THE CHEMOURS COMPANY FC, LLC
COMPOSITIONS COMPRISING Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND USES THEREOF	15/546000	07/24/2017	THE CHEMOURS COMPANY FC, LLC
AZEOTROPIC COMPOSITIONS COMPRISING HYDROGEN FLUORIDE AND FLUOROCARBONS	62/537784	07/27/2017	THE CHEMOURS COMPANY FC, LLC
PROCESS FOR PREPARING (Z)-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE	62/537784	07/27/2017	THE CHEMOURS COMPANY FC, LLC
SELECTIVE CATALYTICAL DEHYDROCHLORINATION OF HYDROCHLOROFLUOROCARBONS	15/666770	08/02/2017	THE CHEMOURS COMPANY FC, LLC
COMPOSITIONS AND USES OF Z-1-CHLORO-2,3,3,3-TETRAFLUOROPROP-1-ENE	62/547518	08/18/2017	THE CHEMOURS COMPANY FC, LLC
EPOXIDE AND FLUORINATED EPOXIDE STABILIZERS FOR FLUOROOLEFINS	15/690086	08/29/2017	THE CHEMOURS COMPANY FC, LLC
AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF Z-1-CHLORO-3,3,3-	15/554779	08/31/2017	THE CHEMOURS COMPANY FC, LLC

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TRIFLUOROPROPENE			
INTEGRATED PROCESS FOR THE PRODUCTION OF Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE	15/699067	09/08/2017	THE CHEMOURS COMPANY FC, LLC
AZEOTROPIC COMPOSITIONS COMPRISING HYDROGEN FLUORIDE AND FLUOROCARBONS	62/556783	09/11/2017	THE CHEMOURS COMPANY FC, LLC
LIQUID PHASE PROCESS FOR PREPARING (E)-1,1,1,4,4,4-HEXAFLUOROBUT-2-ENE	62/556744	09/11/2017	THE CHEMOURS COMPANY FC, LLC
BLOWING AGENT COMPOSITION FOR PREPARATION OF A FOAM	62/565655	09/29/2017	THE CHEMOURS COMPANY FC, LLC
LOW BAKE TEMPERATURE FLUOROPOLYMER COATINGS	15/723854	10/03/2017	THE CHEMOURS COMPANY FC, LLC
SULFIDE OXIDATION WITH IRON HUMATE CATALYST	62/564306	10/03/2017	THE CHEMOURS COMPANY FC, LLC
LIGHT PROTECTIVE BOTTLE DESIGN	15/564306	10/04/2017	THE CHEMOURS COMPANY TT, LLC
PROCESS FOR THE MANUFACTURE OF THERMOPLASTIC FOAM CONTAINING HFO-1336MZZ(Z) AND HFO-1336MZZ(E)	62/570422	10/10/2017	THE CHEMOURS COMPANY FC, LLC
COMPOSITIONS CONTAINING DIFLUOROMETHANE, TETRAFLUOROPROPENE, AND CARBON DIOXIDE AND USES THEREOF	62/571472	10/12/2017	THE CHEMOURS COMPANY FC, LLC
COMPOSITIONS CONTAINING DIFLUOROMETHANE, TETRAFLUOROPROPENE, AND CARBON DIOXIDE AND USES THEREOF	62/571460	10/12/2017	THE CHEMOURS COMPANY FC, LLC
CONVERSION OF CHLOROFLUOROPROPANES AND CHLOROFLUOROPROPENES TO MORE DESIRABLE FLUOROPROPANES AND FLUOROPROPENES	15/786199	10/17/2017	THE CHEMOURS COMPANY FC, LLC
LIGHT PROTECTIVE MONOLAYER CAP	62/575728	10/23/2017	THE CHEMOURS COMPANY TT, LLC
COMPOSITIONS COMPRISING 1,1,2,2-TETRAFLUOROETHANE AND USES THEREOF	15/569404	10/26/2017	THE CHEMOURS COMPANY FC, LLC

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