

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5746908

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>SEQUENCE:</b>	2	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DUBOIS CHEMICALS, INC.	09/30/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ANTARES CAPITAL LP, AS COLLATERAL AGENT	
<b>Street Address:</b>	500 WEST MONROE STREET	
<b>City:</b>	CHICAGO	
<b>State/Country:</b>	ILLINOIS	
<b>Postal Code:</b>	60661	
<b>PROPERTY NUMBERS Total: 18</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	6402891	
Patent Number:	6652977	
Patent Number:	6723207	
Patent Number:	7101832	
Patent Number:	7282101	
Patent Number:	7300197	
Patent Number:	7597782	
Patent Number:	7833332	
Patent Number:	7850824	
Patent Number:	7918968	
Patent Number:	8784679	
Patent Number:	9512387	
Patent Number:	9028920	
Patent Number:	9751782	
Patent Number:	9856398	
Application Number:	14674855	
Application Number:	15220931	
Application Number:	15831858	

**CORRESPONDENCE DATA****Fax Number:** (202)835-7586

*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:** 202-835-7500**Email:** dcip@milbank.com**Correspondent Name:** JAVIER J. RAMOS**Address Line 1:** 1850 K STREET, NW, SUITE 1100**Address Line 2:** MILBANK, LLP**Address Line 4:** WASHINGTON, D.C. 20006

<b>ATTORNEY DOCKET NUMBER:</b>	57000.00033
<b>NAME OF SUBMITTER:</b>	JAVIER J. RAMOS
<b>SIGNATURE:</b>	/Javier J. Ramos/
<b>DATE SIGNED:</b>	10/01/2019

**Total Attachments: 6**

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SECOND LIEN PATENT SECURITY AGREEMENT

SECOND LIEN PATENT SECURITY AGREEMENT dated as of September 30, 2019 (this “Agreement”), among DuBois Chemicals, Inc., a Delaware corporation (the “Grantor”), and ANTARES CAPITAL LP, as Collateral Agent (in such capacity, the “Collateral Agent”).

Reference is made to (a) the Second Lien Credit Agreement, dated as of the date hereof (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among DCG INTERMEDIATE CORP., a Delaware corporation (“Holdings”), DCG MERGER SUB CORP., a Delaware corporation (the “Initial Borrower” and, at any time prior to the consummation of the Acquisition (as defined in the Credit Agreement), the “Borrower”), DUBOIS CHEMICALS GROUP, INC., a Delaware corporation (the “Company” and, immediately upon the consummation of the Acquisition and at any time prior to the consummation of the Merger (as defined in the Credit Agreement), the “Borrower”), DCG ACQUISITION CORP., a Delaware corporation (the “Buyer” and, immediately upon the consummation of the Merger, the “Borrower”), the Lenders party thereto and Antares Capital LP, as Administrative Agent and Collateral Agent, and (b) the Second Lien Collateral Agreement dated as of the date hereof (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”), among Holdings, the Initial Borrower, the Company, the Buyer, the other Grantors from time to time party thereto and the Collateral 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 Grantor is an Affiliate of the Borrower and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and the Issuing Banks to issue additional Letters of Credit and as consideration for Loans previously made and Letters of Credit previously issued and to secure the Secured Obligations. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement or the Credit Agreement, as applicable. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the “Security Interest”) in all of such Grantor’s right, title and interest in, to and under the United States issued patents and patent applications listed on Schedule I attached hereto (the “Patent Collateral”).

SECTION 3. Collateral Agreement. The Security Interest granted to the Collateral Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral 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. Termination. Upon the occurrence of the Termination Date, the security interest granted herein shall terminate and the Collateral Agent shall execute, acknowledge, and deliver to the Grantors an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Patent Collateral under this Agreement.

SECTION 5. 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 signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

[Remainder of this page intentionally left blank]

IN WITNESS WHEREOF, the undersigned have executed this Second Lien Patent Security Agreement as of the date first above written.

DUBOIS CHEMICALS, INC., as a Grantor

By:   
Name: Jeffrey W. Welsh  
Title: President

ANTARES CAPITAL LP, as Collateral Agent

By:   
Name: Brian Letizia  
Its: Duly Authorized Signatory

## Schedule I

Title	Country	App. No./ Filing Date Pub. No./ Pub. Date	Patent No./ Issue Date	Status	Exp. Date	Current Owner of Record
CHEMICAL MIXING SYSTEM AND METHOD	US	14/674,855 3/31/2015 2015-0202580 7/23/2015	—	Pending		DuBois Chemicals, Inc.
METHOD OF IMPROVING PAPER MACHINE FABRIC PERFORMANCE	US	15/220,931 7/27/2016 2017-0029748 2/2/2017	—	Pending	—	DuBois Chemicals, Inc.
METHOD OF IMPROVING PAPER MACHINE FORMING WIRE, FELT AND WOVEN DRYER BELT PERFORMANCE BY THE APPLICATION OF PEROXIDE CONTAINING SOLUTIONS	US	15/831,858 12/5/2017 2018-0155872 6/7/2018	—	Pending		DuBois Chemicals, Inc.
SYSTEM FOR CLEANING AN APPARATUS	US	09/779,070 2/8/2001 —	6,402,891 6/11/2002	Registered	2/8/2021	DuBois Chemicals, Inc.
PRIMER COMPOSITION	US	09/950,358 9/10/2001 2003-0082389 5/1/2003	6,652,977 11/25/2003	Registered	9/10/2021	DuBois Chemicals, Inc.
METHOD OF TREATING PAPER MAKING ROLLS	US	10/212,595 8/5/2002 2004-0020617 2/5/2004	6,723,207 4/20/2004	Registered	8/5/2022	DuBois Chemicals, Inc.
CLEANERS CONTAINING PEROXIDE BEACHING AGENTS FOR CLEANING PAPER MAKING EQUIPMENT AND METHOD	US	10/465,248 6/19/2003 2004-0259745 12/23/2004	7,101,832 9/5/2006	Registered	4/12/2024	DuBois Chemicals, Inc.
METHOD FOR DISSOLVING A SOLID MATERIAL IN A LIQUID	US	10/642,668 8/19/2003 2005-0039780 2/24/2005	7,282,101 10/16/2007	Registered	6/12/2024	DuBois Chemicals, Inc.
APPARATUS FOR DISSOLVING A SOLID MATERIAL IN A LIQUID	US	11/510,672 8/28/2006 2007-0047382 3/1/2007	7,300,197 11/27/2007	Registered	2/19/2024	DuBois Chemicals, Inc.

Title	Country	App. No./ Filing Date Pub. No./ Pub. Date	Patent No./ Issue Date	Status	Exp. Date	Current Owner of Record
PRESS STABLE METHOD OF CLEANING PAPER MACHINE PRESS FABRICS ON-THE-RUN	US	11/548,454 10/11/2006 2008-0087397 4/17/2008	7,597,782 10/6/2009	Registered	9/2/2027	DuBois Chemicals, Inc.
COATING SOLUTION FOR METAL SURFACES	US	12/263,641 11/3/2008 2009-0114118 5/7/2009	7,833,332 11/16/2010	Registered	12/28/2028	DuBois Chemicals, Inc.
APPARATUS FOR CLEANING PAPER MACHINE PRESS FABRICS ON-THE-RUN	US	12/572,561 10/2/2009 2010-0018662 1/28/2010	7,850,824 12/14/2010	Registered	10/11/2026	DuBois Chemicals, Inc.
APPARATUS FOR CLEANING PAPER MACHINE PRESS FABRICS ON-THE-RUN	US	12/951,109 11/22/2010 2011-0061828 3/17/2011	7,918,968 4/5/2011	Registered	10/11/2026	DuBois Chemicals, Inc.
AQUEOUS POWDER WATER TREATMENT COMPOSITIONS AND METHODS FOR MAKING SAME	US	13/280,987 10/25/2011 2013-0099158 4/25/2013	8,784,679 7/22/2014	Registered	1/31/2032	DuBois Chemicals, Inc.
CLEANING COMPOSITIONS FOR REMOVING POLYMERIC CONTAMINANTS FROM PAPERMAKING SURFACES	US	13/323,160 12/12/2011 2012-0204916 8/16/2012	9,512,387 12/6/2016	Registered	12/7/2033	DuBois Chemicals, Inc.
PRETREATMENT OF METAL SURFACES PRIOR TO PAINT USING POLYANILINE PARTICLES	US	13/432,031 3/28/2012 2013-0260158 10/3/2013	9,028,920 5/12/2015	Registered	1/23/2033	DuBois Chemicals, Inc.
WASTEWATER TREATMENT SYSTEM AND METHOD	US	13/830,753 3/14/2013 2014-0263079 9/18/2014	9,751,782 9/5/2017	Registered	10/26/2033	DuBois Chemicals, Inc.
METHOD FOR CONTROLLING DEPOSITS ON PAPERMAKING SURFACES	US	14/972,235 12/17/2015 2016-0177505 6/23/2016	9,856,398 1/2/2018	Registered	1/7/2036	DuBois Chemicals, Inc.