

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3465528

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
AGROFRESH INC.		07/30/2015
RECEIVING PARTY DATA		
Name:	BANK OF MONTREAL, AS ADMINISTRATIVE AGENT	
Street Address:	3 TIMES SQUARE, 28TH FLOOR	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10036	
PROPERTY NUMBERS Total: 76		
Property Type	Number	
Application Number:	13581532	
Application Number:	13109547	
Application Number:	14296767	
Application Number:	13168090	
Application Number:	13504306	
Application Number:	13437968	
Application Number:	14014950	
Application Number:	14455374	
Application Number:	13536164	
Application Number:	14294057	
Application Number:	14167093	
Application Number:	09950967	
Application Number:	09957752	
Application Number:	10645769	
Application Number:	10083172	
Application Number:	10645427	
Application Number:	10262397	
Application Number:	13776233	
Application Number:	12752280	
Application Number:	10630282	

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Property Type	Number
Application Number:	11114673
Application Number:	11131614
Application Number:	12313633
Application Number:	11131615
Application Number:	11157107
Application Number:	11591963
Application Number:	11801515
Application Number:	11975323
Application Number:	12070135
Application Number:	11801773
Application Number:	13531884
Application Number:	12220407
Application Number:	12209501
Application Number:	12290382
Application Number:	12381498
Application Number:	13741537
Application Number:	12583406
Application Number:	13254937
Application Number:	12822254
Application Number:	14263487
Application Number:	12842262
Application Number:	13510069
Application Number:	14100843
Application Number:	12523423
Application Number:	14029454
Application Number:	14417534
Application Number:	14430109
Application Number:	14182793
Application Number:	13945577
Application Number:	14624411
Application Number:	14624404
Application Number:	62115174
Application Number:	61991821
Application Number:	09826058
Application Number:	09951049
Application Number:	14409845
Application Number:	14029460
Application Number:	14029466

Property Type	Number
Application Number:	14073487
Application Number:	14191851
Application Number:	09137056
Application Number:	09367654
Application Number:	09957942
Application Number:	14180679
Application Number:	14329149
Application Number:	13974636
Application Number:	14487569
Application Number:	62014258
Application Number:	62049080
Application Number:	14122437
Application Number:	14203886
Application Number:	62157593
Application Number:	62157588
PCT Number:	US2011038119
PCT Number:	US2013065614
PCT Number:	US2013064432

CORRESPONDENCE DATA

Fax Number: (212)303-7064

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: 212.318.6824

Email: christinedionne@paulhastings.com

Correspondent Name: CHRISTINE DIONNE C/O PAUL HASTINGS LLP

Address Line 1: 75 EAST 55TH STREET

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	79866.00021
NAME OF SUBMITTER:	CHRISTINE DIONNE
SIGNATURE:	/CHRISTINE DIONNE/
DATE SIGNED:	07/31/2015

Total Attachments: 8

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT dated as of July 30, 2015 (as may be amended, restated, supplemented or otherwise modified from time to time, this “Agreement”), is made by and among AgroFresh Inc. (the “Grantor”) and Bank of Montreal, as Administrative Agent.

Reference is made to (a) the Credit Agreement dated as of July 31, 2015 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among AgroFresh Inc. (the “Borrower”), AF Solutions Holdings LLC (“Holdings”), the lenders from time to time party thereto (the “Lenders”), the Swingline Lender, the Issuing Banks, and the Administrative Agent and (b) the Collateral Agreement dated as of July 31, 2015 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”), among the Borrower, Holdings, the other grantors from time to time party thereto and the 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 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. 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 Administrative Agent, its permitted 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 Filing Collateral to the extent consisting of any Patents now or at any time hereafter owned by such Grantor, including those registered or applied for Patents listed on Schedule I (the “Patent Collateral”). The Grantor authorizes and requests that the Commissioner for Patents record this Agreement.

SECTION 3. Collateral Agreement. The Security Interest granted to the Administrative Agent herein is granted in furtherance, and not in limitation, of the security interests granted to the Administrative Agent pursuant to the Collateral Agreement. The 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 signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

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

AGROFRESH INC.

By: _____


Thomas D. Macphee
Chief Executive Officer

[Signature Page to Patent Security Agreement]

BANK OF MONTREAL,
as Administrative Agent,

By: 

Name: Thomas Hasenauer

Title: Vice President

[Signature Page to Patent Security Agreement]

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REEL: 036243 FRAME: 0251

Schedule I to Patent Security Agreement

PATENTS AND PATENT APPLICATIONS

Loan Party	Case Reference	Patent Title	Filing Date	Application Number	Publication Date
AgroFresh Inc.	69650-US-PCT	Oil Formulations Comprising Cyclopropene Compounds	2/9/2011	13/581532	3/14/2013
AgroFresh Inc.	69794-US-PCT	Methods to Identify Compositions that Alter Wildtype Expression of Genes and Proteins in a Plant Cell	5/26/2011	PCT/US2011/038119	3/21/2013
AgroFresh Inc.	69931-US-NP	Waxy Coatings for Plant Parts	5/17/2011	13/109547	12/1/2011
AgroFresh Inc.	70054-US-CIP	Coated Powder Particles	6/5/2014	14/296767	
AgroFresh Inc.	70054-US-NP	Coated Powder Particles	6/24/2011	13/168090	1/5/2012
AgroFresh Inc.	70719-US-PCT	Method of Handling Bananas	12/22/2010	13/504306	11/8/2012
AgroFresh Inc.	70762-US-NP	Controlled Release Compositions	4/3/2012	13/437968	10/11/2012
AgroFresh Inc.	71068-US-NP	Oil Formulations with Thickeners	8/30/2013	14/014950	
AgroFresh Inc.	71068-US-CNT	Oil Formulations with Thickeners	8/8/2014	14/455374	1/1/2015
AgroFresh Inc.	71375-US-NP	Method of Handling Mangoes	6/28/2012	13/536164	1/30/2013
AgroFresh Inc.	74193-US-CNT	Use of Benzoxaboroles as Volatile Antimicrobial Agents on Meats, Plants, or Plant Parts	6/2/2014	14/294057	11/27/2014
AgroFresh Inc.	74193-US-NP	Use of Benzoxaboroles as Volatile Antimicrobial Agents on Meats, Plants, or Plant Parts	1/29/2014	14/167093	8/7/2014
AgroFresh Inc.	74235-US-NP	Methods and Systems for Banana Yield Protection and Enhancement	11/6/2013	14/073487	3/6/2014
AgroFresh Inc.	AMA01112-US-NP[1]	Delivery system for cyclopropenes	9/12/2001	09/950967	5/16/2002
AgroFresh Inc.	AMA01114-US-NP[1]	Delivery systems for cyclopropenes requiring less water	9/21/2001	09/957752	5/23/2002
AgroFresh Inc.	AMA01188A-US-NP	A Method to inhibit ethylene responses in plants	8/21/2003	10/645769	2/24/2005
AgroFresh Inc.	AMA01191-US-NP[1]	Delivery Systems for Cyclopropenes	2/26/2002	10/083172	12/26/2002
AgroFresh Inc.	AMA01195A-US-NP	A Method to inhibit ethylene responses in plants	8/21/2003	10645427	4/15/2004
AgroFresh Inc.	AMA01311-US-NP[1]	Delivery Systems for Cyclopropenes	10/1/2002	10/262397	5/29/2003
AgroFresh Inc.	AMA01395-US-CIP[1]	Stable Ethylene Inhibiting Compounds and Methods for their Preparation	2/25/2013	13/776233	7/4/2013

Loan Party	Case Reference	PatentTitle	Filing Date	Application Number	Publication Date
AgroFresh Inc.	AMA01395-US-DIV[1]	Stable Ethylene Inhibiting Compounds and Methods for their Preparation	4/1/2010	12/752280	7/22/2010
AgroFresh Inc.	AMA01395-US-NP[1]	Stable Ethylene Inhibiting Compounds and Methods for their Preparation	7/30/2003	10/630282	4/22/2004
AgroFresh Inc.	AMA01652-US-NP[1]	Humidity activated delivery systems for cyclopropene	4/26/2005	11/114673	11/10/2005
AgroFresh Inc.	AMA01655-US-NP[1]	Compositions with Cyclopropenes and Adjuvants	5/18/2005	11131614	11/24/2005
AgroFresh Inc.	AMA01655A-US-CIP	Compositions with Cyclopropenes and Adjuvants	11/21/2008	12/313633	4/2/2009
AgroFresh Inc.	AMA01656-US-NP[1]	Compositions with Cyclopropenes and Metal-Complexing Agents	5/18/2005	11/131615	11/24/2005
AgroFresh Inc.	AMA01661-US-NP[1]	Method for treating plants or plant parts	6/20/2005	11/157107	12/29/2005
AgroFresh Inc.	AMA01792-US-NP[1]	Compositions with Cyclopropenes	11/2/2006	11/591963	5/24/2007
AgroFresh Inc.	AMA01820-US-NP[2]	Contacting Crop Plants with Compositions	5/10/2007	11/801515	11/15/2007
AgroFresh Inc.	AMA01861-US-NP[1]	Cyclopropene Compositions	10/18/2007	11/975323	5/15/2008
AgroFresh Inc.	AMA01893-US-NP[1]	Method of Making a Complex	2/15/2008	12/070135	8/28/2008
AgroFresh Inc.	AMA01916-US-NP	Treating Horticultural Crops	5/11/2007	11/801773	11/15/2007
AgroFresh Inc.	AMA01929-US-CNT[1]	Oil Formulations	6/25/2012	13/531884	10/18/2012
AgroFresh Inc.	AMA01929-US-NP[1]	Oil Formulations	7/24/2008	12/220407	2/5/2009
AgroFresh Inc.	AMA01937-US-NP[1]	Compositions and Methods for Modification of Physiological Responses in Plants	9/12/2008	12/209501	3/19/2009
AgroFresh Inc.	AMA01947-US-NP[1]	Method for Making an Inclusion Complex	10/30/2008	12/290382	5/7/2009
AgroFresh Inc.	AMA01980-US-NP[1]	Cyclopropene Complex Compositions	3/12/2009	12/381498	9/17/2009
AgroFresh Inc.	AMA02011-US-CNT[1]	Banana Treatments	1/15/2013	13/741537	5/23/2013
AgroFresh Inc.	AMA02011-US-NP[1]	Banana Treatments	8/20/2009	12/583406	2/25/2010
AgroFresh Inc.	AMA02042-US-PCT	Control of Targeted Turnover of Key Ethylene Hormone Signaling Pathway Proteins to Modulate Ethylene Sensitivity in Plants	3/2/2010	13/254937	12/29/2011
AgroFresh Inc.	AMA02059-US-NP	Treatment of Produce	6/24/2010	12/822254	1/20/2011
AgroFresh Inc.	AMA02059-US-CNT	Treatment of Produce	4/28/2014	14/263487	
AgroFresh Inc.	AMA02068-US-NP	Treatment of Ornamental Plants	7/23/2010	12/842262	2/10/2011

Loan Party	Case Reference	PatentTitle	Filing Date	Application Number	Publication Date
AgroFresh Inc.	AMA02085-US-PCT	Fiber Structure Containing Encapsulation Complex	11/17/2010	13/510069	11/1/2012
AgroFresh Inc.	65622A-US-PCD	Delivery of Ethylene Blocking and/or Promoting Agents	12/9/2013	14/100843	4/3/2014
AgroFresh Inc.	65622A-US-PCT	Delivery of Ethylene Blocking and/or Promoting Agents	1/14/2008	12/523423	6/10/2010
AgroFresh Inc.	72053-US-NP	Compositions with Hot Melt Resin Matrix	9/17/2013	14/029454	3/20/2014
AgroFresh Inc.	72829-US-PCT	Method of Handling Avocados	7/19/2013	14/417534	
AgroFresh Inc.	73017-US-PCT	Method of Handling Persimmons	9/13/2013	14/430109	
AgroFresh Inc.	73832-US-PCT	Nonuniformly Perforate Plastic Bags	10/18/2013	PCT/US13/065614	
AgroFresh Inc.	74820-US-DIV	Antimicrobial Compounds and Compositions	2/18/2014	14/182793	7/31/2014
AgroFresh Inc.	74820-US-NP	Antimicrobial Compounds and Compositions	7/18/2013	13/945577	3/11/2014
AgroFresh Inc.	75829-US-NP	Microcapsules	2/17/2015	14/624411	
AgroFresh Inc.	75830-US-NP	Microcapsules	2/17/2015	14/624404	
AgroFresh Inc.	75881-US-PSP[2]	Fungicidal Copounds and Compositions	2/12/2015	62/115174	
AgroFresh Inc.	76289-US-PSP	Volatile Applications Against Pathogens	5/12/2014	61/991821	
AgroFresh Inc.	AMA01027-US-NP[1]	Method to prepare cyclopropenes	4/4/2001	09/826058	12/13/2001
AgroFresh Inc.	AMA01113-US-NP[1]	Continuous process for the preparation of encapsulated cyclopropenes	9/12/2001	09/951049	4/18/2002
AgroFresh Inc.	72821-US-PCT	Particle Size Reduction	6/7/2013	14/409845	
AgroFresh Inc.	73018-US-PCT	Yield enhancement for stress-susceptible plants	10/11/2013	PCT/US13/064432	
AgroFresh Inc.	73574-US-NP	Suspension of Particles Comprising Cyclopropene Complexes Dispersed in a Resin Matrix	9/17/2013	14/029460	3/20/2014
AgroFresh Inc.	74218-US-NP	Composition and Methods for Double Encapsulation of a Volatile Compound	9/17/2013	14/029466	3/20/2014
AgroFresh Inc.	74235-US-NP	Methods and Systems for Banana Yield Protection and Enhancement	12/6/2013	14/073487	3/6/2014
AgroFresh Inc.	74311-US-NP	Method of Handling Papaya	2/27/2014	14/191851	8/28/2014
AgroFresh Inc.	AMA01783-US-NP	Synthesis methods, complexes and delivery methods for the safe and convenient storage, transport and application of compounds for inhibiting the ethylene response in plants	8/20/1998	09/137056	

Loan Party	Case Reference	Patent Title	Filing Date	Application Number	Publication Date
AgroFresh Inc.	AMA01784-US-CIP	Synthesis methods, complexes and delivery methods for the safe and convenient storage, transport and application of compounds for inhibiting the ethylene response in plants	8/20/1999	09/367654	
AgroFresh Inc.	AMA01784-US-DIV[2]	Synthesis methods, complexes and delivery methods for the safe and convenient storage, transport and application of compounds for inhibiting the ethylene response in plants	9/21/2001	09957942	4/29/2004
AgroFresh Inc.	73013-US-NP	Methods for Increasing Crop Yield	2/14/2014	14/180679	8/21/2014
AgroFresh Inc.	74839-US-NP	Humidity Activated Formulation for Volatile Compounds	7/11/2014	14/329149	1/15/2015
AgroFresh Inc.	74925-US-NP	Methods and Compositions of Granule Formulations	8/23/2013	13/974636	12/26/2013
AgroFresh Inc.	75116-US-NP	Systems and Methods for Solvent-free Delivery of Volatile Compounds	9/16/2014	14/487569	3/26/2015
AgroFresh Inc.	76515-US-PSP	Compositions and Methods for Packaging Produce	6/19/2014	62/014258	
AgroFresh Inc.	76624-US-PSP	Methods for Pathogen Detection and Disease Management on Meats, Plants, or Plant Parts	9/11/2014	62/049080	
AgroFresh Inc.	71062-US-PCT	Controlled Release Compositions	5/31/2012	14/122437	
AgroFresh Inc.	71132-US-NP	Overcoated Powder Particles	3/11/2014	14/203886	9/18/2014
AgroFresh Inc.	75113-US-PSP	Stable Aqueous Formulations of Encapsulated Volatile Compounds	5/6/2015	62/157593	
AgroFresh Inc.	75908-US-PSP	Stable Emulsion Formulations of Encapsulated Volatile Compounds	5/6/2015	62/157588	