

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Her Majesty the Queen In Right of the Province of Nova Scotia	02/04/2013
RECEIVING PARTY DATA	
Name:	Dalhousie University
Street Address:	6299 South Street, P.O. Box 15000
City:	Halifax
State/Country:	CANADA
Postal Code:	B3H 4R2
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	7868153
Application Number:	12808574
Application Number:	12936074
Application Number:	13017800
Application Number:	13699162
Application Number:	13320168
Application Number:	12402836
Application Number:	13808661
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:

GP 23892

NAME OF SUBMITTER:

Angie Armstrong-Baker

Total Attachments: 6

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ASSIGNMENT

HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA

does hereby sell and assign all right, title and interest in the United States of America, Canada, and all countries foreign thereto, effective **September 1, 2012**, in and to the invention(s) disclosed in the attached Schedule A to:

DALHOUSIE UNIVERSITY
 6299 South Street
 PO Box 15000
 Halifax, Nova Scotia
 B3H 4R2
 CANADA

and to any application for patent claiming subject matter relating thereto, and to all my corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived, or claiming priority, from the applications identified in the attached Schedule A.

I authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

Assignment From:

<p>Her Majesty the Queen in Right of the Province of Nova Scotia</p>	<p><u>Witness:</u></p>
<p>Executed at <u>Halifax</u> <small>City</small></p>	<p>1, <u>Tracy Crowell</u> <small>Print Name</small></p>
<p><u>NS, CAN</u> <small>Province/State, Country</small></p>	<p>whose full post office address is</p>
<p>This <u>24</u> day of <u>01</u>, <u>2013</u> <small>Day Month Year</small></p>	<p><u>9 Burns Dr</u> <u>Halifax NS B3P1V4</u></p>
<p>By: <u>John MacDonell</u> <small>Print Name</small></p>	<p>was personally present and did see <u>John MacDonell</u> <small>Name</small></p>
<p>Title: <u>Minister of Agriculture</u></p>	<p>execute the within assignment and such representative is personally known to me.</p>
<p><u>[Signature]</u> <small>Signature</small></p>	<p><u>[Signature]</u> <small>Signature</small></p>
<p>(on behalf of the Minister of Agriculture)</p>	

Assignment To:

<p>Dalhousie University</p> <p>Executed at <u>Halifax</u> City <u>N.S.</u> Province/State, Country</p> <p>This <u>4</u> day of <u>Feb</u>, <u>13</u> Day Month Year</p> <p>By: <u>Martha Crago</u> Print Name</p> <p>Title: <u>VP Research</u></p> <p><u>M Crago</u> Signature</p>	<p>Witness:</p> <p>I, <u>Stephen Hartlen</u> Print Name</p> <p>whose full post office address is <u>1344 Summer St, Suite 207</u> <u>Halifax, NS</u></p> <p>was personally present and did see <u>Martha Crago</u> Name</p> <p>execute the within assignment and such representative is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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Schedule A

Ctry.	Application No.	Filing Date (mm/dd/yy)	Patent No.	Issue Date	Title	BLG Ref.
US	60/690,154	06/14/2005			CINNAMIC ACID 4-HYDROXYLASE	PAT 7219P-2
US	11/452,342	06/14/2006	7,868,153	01/11/2011	CINNAMIC ACID 4-HYDROXYLASE	PAT 7219-2
CA	2,510,950	06/14/2005	2,510,950	03/22/2011	CINNAMIC ACID 4-HYDROXYLASE	PAT 7219-1
US	61/014,958	12/19/2007			ANTIOXIDANT EXTRACT FROM FRUIT SKINS	PAT 7221P-2
US	12/808,574	02/28/2011			ANTIOXIDANT EXTRACT FROM FRUIT SKINS	PAT 7221W-2
CA	2,747,741	06/17/2011			ANTIOXIDANT EXTRACT FROM FRUIT SKINS	PAT 7221W-1
WO	PCT/CA2008/002 261	12/19/2008			ANTIOXIDANT EXTRACT FROM FRUIT SKINS	PAT 7221W-90
EP	08862365.7	10/25/2010			ANTIOXIDANT EXTRACT FROM FRUIT SKINS	PAT 7221WEP-81
US	61/041,369	04/01/2008			BIOACTIVE COMPOUNDS OF ASCOPHYLLUM NODOSUM AND THEIR USE FOR ALLEVIATING SALT-INDUCED STRESS IN PLANTS	PAT 7223P-2
WO	PCT/CA2009/000 419	04/01/2009			BIOACTIVE COMPOUNDS OF ASCOPHYLLUM NODOSUM AND THEIR USE FOR ALLEVIATING SALT-INDUCED STRESS IN PLANTS	PAT 7223W-90
US	12/936,074	01/21/2011			BIOACTIVE COMPOUNDS OF ASCOPHYLLUM NODOSUM AND THEIR USE FOR ALLEVIATING SALT-INDUCED STRESS IN PLANTS	PAT 7223W-2

CA	2,757,504	09/30/2011			BIOACTIVE COMPOUNDS OF ASCOPHYLLUM NODOSUM AND THEIR USE FOR ALLEVIATING SALT-INDUCED STRESS IN PLANTS	PAT 7223W-1
US	61/106,008	10/16/2008			NON-FRIED APPLE FOOD PRODUCTS AND PROCESSES FOR THEIR PREPARATION	PAT 7224P-2
US	12/580,715	10/16/2009			NON-FRIED APPLE FOOD PRODUCTS AND PROCESSES FOR THEIR PREPARATION	PAT 7224-2
CA	2,684,635	10/16/2009			NON-FRIED APPLE FOOD PRODUCTS AND PROCESSES FOR THEIR PREPARATION	PAT 7224-1
US	13/017,800	01/31/2011			VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING AGROCHEMICALS	PAT 7231-2
CA	2,740,503	05/13/2011			VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING AGROCHEMICALS	PAT 7231-1
US	61/362,076	07/07/2010			PROTEINS RELATED TO THE SUPPRESSION OF <i>PHYTOPHTHORA</i> INFECTIONS IN MEMBERS OF THE SOLANACEAE FAMILY	PAT 7228P-2
WO	PCT/ CA2011/000770	07/07/2011			PROTEINS RELATED TO THE SUPPRESSION OF <i>PHYTOPHTHORA</i> INFECTIONS IN MEMBERS OF THE SOLANACEAE FAMILY	PAT 7228W-90

US	61/349,177	05/27/2010			APPLE SKIN EXTRACTS FOR TREATING CARDIOVASCULAR DISEASE	PAT 7229P-2
WO	PCT/CA2011/000623	05/26/2011			APPLE SKIN EXTRACTS FOR TREATING CARDIOVASCULAR DISEASE	PAT 7229W-90
US	61/178,562	05/15/2009			STABLE FUNCTIONAL BEVERAGE COMPOSITIONS AND METHODS OF MAKING SAME	PAT 5958P2
WO	PCT/CA2010/000713	05/14/2010			STABLE FUNCTIONAL BEVERAGE COMPOSITIONS AND PROCESSES FOR MAKING SAME	PAT 5958W-90
US	13/320,168	11/11/2011			STABLE FUNCTIONAL BEVERAGE COMPOSITIONS AND METHODS OF MAKING SAME	PAT 5958W-2
CA		Not yet filed			STABLE FUNCTIONAL BEVERAGE COMPOSITIONS AND METHODS OF MAKING SAME	PAT 5958W-1
US	60/850,595	10/11/2006				PAT 7220P-2
US	60/915,987	05/04/2007				PAT 7220AP-2
WO	PCT/CA2007/001774	10/11/2007			PROTEINS INVOLVED IN AFTER-COOKING DARKENING IN POTATOES	PAT 7220W-90
CA	2,666,019	04/08/2009			PROTEINS INVOLVED IN AFTER-COOKING DARKENING IN POTATOES	PAT 7220W-1
US	12/402,836	03/12/2009			PROTEINS INVOLVED IN AFTER-COOKING DARKENING IN POTATOES	PAT 7220AW-2

US	61/129,075	06/03/2008			PLANT WASTE BIO-PRODUCT POMACE EXTRACT CONCENTRATES AND PROCESSES OF PRODUCING SAME	PAT 7225P-2
US	12/457,210	06/03/2009	8,216,627	07/10/2012	PLANT WASTE BIO-PRODUCT POMACE EXTRACT CONCENTRATES AND PROCESSES OF PRODUCING SAME	PAT 7225-2
CA	2,668,253	06/03/2009			PLANT WASTE BIO-PRODUCT POMACE EXTRACT CONCENTRATES AND PROCESSES OF PRODUCING SAME	PAT 7225-1