

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Qamar-Uz Zaman	05/13/2011
Young Ki Chang	05/13/2011
Arnold W. Schumann	05/11/2011

RECEIVING PARTY DATA

Name:	HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE
Street Address:	P.O. Box 550
City:	Truro, Nova Scotia
State/Country:	CANADA
Postal Code:	B2N 5E3

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13017800

CORRESPONDENCE DATA

Fax Number: (703)991-7071
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 703-740-8322
 Email: info@maierandmaier.com
 Correspondent Name: MAIER & MAIER, PLLC
 Address Line 1: 1000 DUKE STREET
 Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	GOWLINGS-003-US
NAME OF SUBMITTER:	Christopher J. Maier

Total Attachments: 6

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**PATENT
 REEL: 026277 FRAME: 0220**

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ASSIGNMENT

WORLDWIDE

WHEREAS I, **Qamar-Uz ZAMAN**, whose full post office address is 39 Cox Road, Truro, Nova Scotia, B2N 5E3 Canada, am an inventor of an invention entitled **VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING AGROCHEMICALS** for which a patent application was filed in the United States on January 31, 2011 under serial number 13/017,800,

AND WHEREAS, **HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE**, whose full post office address is P.O. Box 550, Truro, Nova Scotia, B2N 5E3, Canada, has acquired from me my whole right, title and interest in the United States of America, Canada and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, **Qamar-Uz ZAMAN** by these presents confirm that I have sold, assigned and transferred and by way of further assurances do hereby sell, assign and transfer unto the said **HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE** my full and exclusive right to the said invention in the United States of America, Canada and all other countries and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and my entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent application and patents that claim priority for the aforementioned patent application, together with my right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said patent applications.

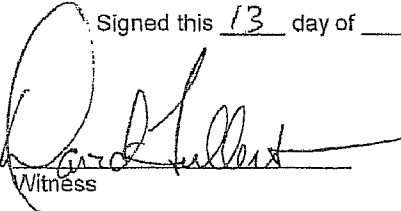
I agree that I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said **HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE**, its successors, assigns and legal representatives or nominees.

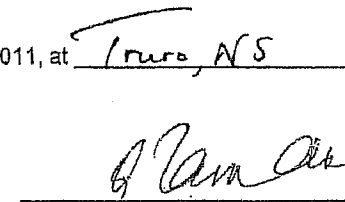
I hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said **HER**

MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE, the assignee of my entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The undersigned hereby grant the firm of Gowling Lafleur Henderson LLP, 160 Elgin Street, Suite 2600, Ottawa, Ontario, K1P 1C3, Canada the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

Signed this 13 day of May, 2011, at Truro, NS


Witness


Qamar-Uz ZAMAN

ASSIGNMENT

Whereas I, **Young Ki CHANG**, have invented certain new and useful improvements in an invention entitled **VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING AGROCHEMICALS** as fully described and claimed in United States Patent Application No. 13/017,800 filed January 31, 2011;

Whereas **HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF NOVA SCOTIA, AS REPRESENTED BY THE NOVA SCOTIA AGRICULTURAL COLLEGE (NSAC) ON BEHALF OF THE MINISTER OF AGRICULTURE**, having a place of business at P.O. Box 550, Truro, Nova Scotia, B2N 5E3, Canada, hereinafter called ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention, and in and to said application;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right, title and interest in and to the said invention and to all Conventions and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, non-provisional, or substitute thereof, including any corresponding right to claim priority from the Patent Application in any country or jurisdiction, re-examination or extension of said Letters Patent.

I hereby authorize and request the Patent Office Officials in the United States, Canada and throughout the world to issue any and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the invention, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted, as

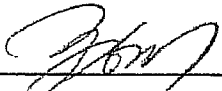
VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING
AGROCHEMICALS

fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the Patent Application in any country or jurisdiction and any reissue, re-examination or extension of said Letters Patent, execute all necessary assignment papers to cause any and all of said Letters Patents to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States, Canada and throughout the world.

The undersigned hereby authorizes the firm of GOWLING LAFLEUR HENDERSON LLP to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States, Canada and throughout the world.

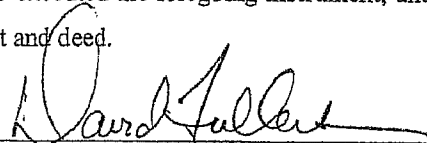
SIGNED at NSAC this 13 day of May, 2011



Young Ki CHANG

WITNESS:

On this 13th day of May, 2011 before me personally appeared the above named Young Ki CHANG to me known and known by me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be his own free act and deed.



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PATENT
REEL: 026277 FRAME: 0225

ASSIGNMENT

Whereas I, **Arnold W. SCHUMANN**, have invented certain new and useful improvements in an invention entitled **VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING AGROCHEMICALS** as fully described and claimed in United States Patent Application No. 13/017,800 filed January 31, 2011;

Whereas **UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.**, having a place of business at Office of Technology Licensing, P.O. Box 115500, Gainesville, Florida, 32611-5500, U.S.A., hereinafter called ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention, and in and to said application;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right, title and interest in and to the said invention and to all Conventions and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, non-provisional, or substitute thereof, including any corresponding right to claim priority from the Patent Application in any country or jurisdiction, re-examination or extension of said Letters Patent.

I hereby authorize and request the Patent Office Officials in the United States, Canada and throughout the world to issue any and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the invention, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

VARIABLE RATE SPRAYER SYSTEM AND METHOD OF VARIABLY APPLYING
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Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers; execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the Patent Application in any country or jurisdiction and any reissue, re-examination or extension of said Letters Patent, execute all necessary assignment papers to cause any and all of said Letters Patents to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States, Canada and throughout the world.

The undersigned hereby authorizes the firm of GOWLING LAFLEUR HENDERSON LLP to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States, Canada and throughout the world.

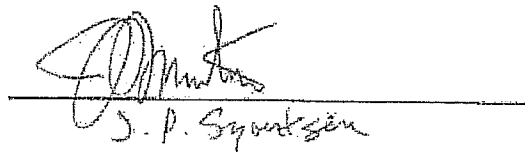
SIGNED at Lake Alfred this 11 day of May, 2011



Arnold W. SCHUMANN

WITNESS:

On this 11th day of May, 2011 before me personally appeared the above named Arnold W. SCHUMANN to me known and known by me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be his own free act and deed.



J. P. Spangenberg

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