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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3267308

SUBMISSION TYPE: NEW ASSIGNMENT		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name E	Execution Date	
MARC-ANDRE D'AOUS	Т	10)/03/2012	
PIERRE-OLIVIER LAVOIE			9/17/2012	
MANON COUTURE		10)/12/2012	
LUCIE POULIN	09	9/14/2012		
LOUIS-PHILIPPE VEZIN	IA	09	9/17/2012	
RECEIVING PARTY DA	ТА			
Name:	1	AGO INC.		
Street Address:	1020, F	ROUTE D'EGLISE, SUITE 600		
City:	QUEBE			
State/Country:	CANAC	DA		
Postal Code:	G1V 3\	G1V 3V9		
PROPERTY NUMBERS Property Type		Number		
PROPERTY NUMBERS	Total: 1	Number		
PROPERTY NUMBERS		Number 14426019		
PROPERTY NUMBERS Property Type				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number:	ATA	(212)556-2222		
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RECORDATION FORM COVER SHEET PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
 1. Name of conveying party(ies) a) Marc-Andre D'AOUST; d) Lucie POULIN; and 	2. Name and address of receiving party(ies) Name: MEDICAGO INC.	
 b) Pierre-Olivier LAVOIE; e) Louis-Philippe VEZINA. c) Manon COUTURE; Additional name(s) of conveying party(ies) attached? Yes IN No 	Internal Address:	
3. Nature of conveyance/Execution Date(s):	Street Address: 1020, ROUTE D'EGLISE	
Execution Date(s) a) 10.03.12; b&e) 09.17.12; c) 10.12.12; d) 09.14.12	SUITE 600	
Assignment Merger Security Agreement Change of Name	City: QUEBEC	
☐ Joint Research Agreement	State: QUEBEC	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: <u>CA</u> Zip: <u>G1V 3V9</u>	
Other	Additional name(s) & address(es) attached? 🗌 Yes 🔳 No	
4. Application or patent number(s): ThisA. Patent Application No.(s)14/426,019, filed 03.04.2015	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
Additional numbers att	ached? Yes 🞆 No	
5. Name and address to whom correspondence concerning document should be mailed: Name: KING & SPALDING LLP (65989)	6. Total number of applications and patents involved:1	
	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address:IP DOCKETING		
	Authorized to be charged to deposit account	
Street Address: 1185 AVENUE OF THE AMERICAS	Enclosed None required (government interest not affecting title)	
City: NEW YORK	8. Payment Information	
State: <u>NY</u> Zip: <u>10036-2601</u>		
Phone Number: 212.556.2100	Deposit Account Number	
Docket Number: <u>18636.105005</u>		
Email Address:usptomailnyc@kslaw.com	Authorized User Name	
9. Signature: /Julie Clements/ Signature	03.16.2015 Date	
Julie Clements		
Name of Person Signing	sheet, attachments, and documents:	
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		
	REEL: 035175 FRAME: 0157	

V84804USP

ASSIGNMENT - WORLDWIDE

WHEREAS, WE:

Marc-Andre D'Aoust, 3925 rue Louise-Fiset Quebec, Quebec, G1X 4N4, Canada

Pierre-Olivier Lavoie, 621 Franklin Quebec, Quebec, G1N 2L7, Canada

Manon Couture, 4765 rue de la Sarcelle St. Augustin de Desmaures, Quebec, G3C 2A5, Canada

Lucie Poulin, 1223 rue de l'Etna Quebec, Quebec, G3K 2G4, Canada

Louis-Philippe Vezina 206, route 138 Neuville, Quebec, G0A 2R0, Canada

have invented an invention entitled: **PICORNAVIRUS-LIKE PARTICLE PRODUCTION IN PLANTS** ("Invention"), for which an application for Letters Patent has been made in the United States Patent and Trademark Office on September 5, 2012 under serial No. 61/697,266;

WHEREAS, MEDICAGO INC. (hereinafter referred to as "ASSIGNEE") having a place of business at 1020, route de l'Eglise, Suite 600, Quebec, Quebec, G1V 3V9, Canada, is desirous of acquiring and having assigned to it the full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS WE have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide;

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PATENT REEL: 035175 FRAME: 0158 (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-part, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

WE hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, WE agree that WE will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisionals, continuations, continuations-in-part, extensions, renewals, provisionals, non-provisionals or substitutes thereof, and the Letters Patent including any renewal, re-examination, extension and reissue thereof, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP, whose full postal address is Suite 2300, 550 Burrard Street, Vancouver, British Columbia, Canada,

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V6C 2B5, 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 any country.

Execution by Assignor:	WITNESS:
By: MASA	By: Junfarme 11
(Signature)	(Signature)
Name: Marc-Andre D'Aoust	Name: <u>Guylaine Poirier</u>
Date: 2012/10/03	
At: Quidec CANADA	
(City & Country Where Assignment Executed)	
Execution by Assignor:	WITNESS:
	(16.10)

By: (Signature)	By: Juy auxie 15
Name: Pierre-Olivier Lavoie	Name: <u>Guylaine Poirier</u>
Date: 2012-09-17	
At: <u>Guehec</u> , <u>Canada</u> (City & Country Where Assignment Executed)	

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Execution by Assignor:	WITNESS:
By: Marca Oct	By: _ Yun aine Pas
(Signature)	/ (Signature)
Name: Manon Couture	Name: <u>Guylaine</u> Poirier
Date: 2012-10-12	
At: <u>Ouebec</u> <u>Canada</u> (City & Country Where Assignment Executed)	
Execution by Assignor:	WITNESS:

Execution by Assignor.	WIINESS.
By: R. A. (Signature)	By: Xing (ani (Signature)
Name: Lucie Poulin	Name: <u>Guylaine Poirier</u>
Date: 2012-09-14	
At: <u>Québec</u> , Canada. (City & Country Where Assignment Executed)	

Execution by Assignor:	WITNESS:
e	
By:	By: Suntainie Pos
(Signature)	/ (Signature)
Name: Louis-Philippe Vezina	Name: <u>Guylaine Poirier</u>
Date: 2012 - 09 - 19-	
At: CREPEL, CAMADA	
(City & Country Where Assignment Executed)	

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ACKNOWLEDGMENT OF ASSIGNMENT

Acknowledgement of Receipt of Assignment by MEDICAGO INC.

ment Executed)

By: Frédéric Ors Name: VP Business Development Title: Date: 2012-10-03 City & Colontry W anada

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RECORDED: 03/16/2015