

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5878802

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE FROM MEDICAGO, INC. TO MEDICAGO INC. previously recorded on Reel 043305 Frame 0036. Assignor(s) hereby confirms the INVENTOR ASSIGNS RIGHT, TITLE AND INTEREST TO MEDICAGO INC..

CONVEYING PARTY DATA

Name	Execution Date
MARC-ANDRE D'AOUST	03/28/2014
PIERRE-OLIVIER LAVOIE	03/28/2014

RECEIVING PARTY DATA

Name:	MEDICAGO INC.
Street Address:	600-1020 ROUTE DE L'EGLISE
City:	QUEBEC
State/Country:	CANADA
Postal Code:	G1V 3V9

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15129269

CORRESPONDENCE DATA

Fax Number: (312)715-5155
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: 3127155000
Email: lucinda.marcello@QUARLES.COM
Correspondent Name: QUARLES & BRADY LLP
Address Line 1: 300 N. LASALLE STREET, SUITE 4000
Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	411044.00049
NAME OF SUBMITTER:	BENNETT J BERSON
SIGNATURE:	/Bennett J. Berson/
DATE SIGNED:	12/20/2019

Total Attachments: 5

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ASSIGNMENT - WORLDWIDE

WHEREAS, WE: **MARC-ANDRE D'AOUST**, of 3925 rue Louise-Fiset, Quebec, Quebec, G1X 4N4, Canada, and **PIERRE-OLIVIER LAVOIE**, of 621 Franklin, Quebec, Quebec, G1N 2L7, Canada have invented an invention entitled: **MODIFIED CPMV ENHANCER ELEMENTS** ("Invention"), for which an application for Letters Patent has been made in the United States Patent and Trademark Office on March 27, 2014 under serial No. 61/971,274 ;

WHEREAS, **MEDICAGO INC.** (hereinafter referred to as "ASSIGNEE") having a place of business at 600 – 1020 route de l'Eglise, 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

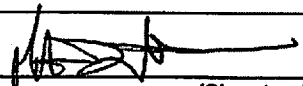

WHEREAS WE have agreed to make such assignment;


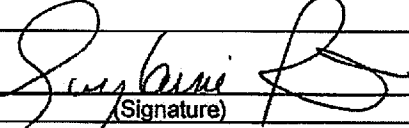
NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide; (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, 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:  (Signature)	By:  (Signature)
Name: Marc-Andre D'Aoust	Name: <u>MARTIN BONENFANT</u>
Date: <u>2014-03-28</u>	
At: <u>Quebec City, Canada</u> (City & Country Where Assignment Executed)	

Execution by Assignor:	WITNESS:
By:  (Signature)	By:  (Signature)
Name: Pierre-Olivier Lavoie	Name: <u>Guylaine Poirier</u>
Date: <u>March 28th 2014</u>	
At: <u>Québec, Canada</u> (City & Country Where Assignment Executed)	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 17, 2017

PTAS

QUARLES & BRADY LLP
33 EAST MAIN STREET
SUITE 900
MADISON, WI 53703

504505749

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 08/16/2017

REEL/FRAME: 043305/0036
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 411044.00049

ASSIGNOR:

D'AOUST, MARC-ANDRE

DOC DATE: 03/28/2014

ASSIGNOR:

LAVOIE, PIERRE-OLIVIER

DOC DATE: 03/28/2014

ASSIGNEE:

MEDICAGO, INC.
600-1020 ROUTE DE L'EGLISE
QUEBEC, CANADA G1V 3V9

APPLICATION NUMBER: 15129269

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MODIFIED CPMV ENHANCER ELEMENTS

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4552453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARC-ANDRE D'AOUST	03/28/2014
PIERRE-OLIVIER LAVOIE	03/28/2014
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State/Country:	CANADA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15129269
CORRESPONDENCE DATA	
Fax Number:	(608)251-9166
<i>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.</i>	
Email:	pat-dept@quarles.com
Correspondent Name:	QUARLES & BRADY LLP
Address Line 1:	33 EAST MAIN STREET
Address Line 2:	SUITE 900
Address Line 4:	MADISON, WISCONSIN 53703
ATTORNEY DOCKET NUMBER:	411044.00049
NAME OF SUBMITTER:	BENNETT J. BERSON
SIGNATURE:	/Bennett J. Berson/
DATE SIGNED:	08/16/2017
Total Attachments: 3	
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