## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5571975

SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT				
NATURE OF CONVEYANCE:		recorded on Reel 026539 Frame 08	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 026539 Frame 0823. Assignor(s) hereby confirms the CORRECTED NAME IS KINOVA INC				
RESUBMIT DOCUME	NT ID:	505284018					
CONVEYING PARTY	/ DATA						
		Name	Execution Date				
LOUIS JOSEPH CAF	RON L'ECUY	ΈR	11/22/2018				
CHARLES DEGUIRE			11/22/2018				
<b>RECEIVING PARTY</b>	DATA						
RECEIVING PARTY Name: Street Address:	KINOVA	A INC. OULEVARD DE LA GRANDE-ALLÉE					
Name:	KINOVA	OULEVARD DE LA GRANDE-ALLÉE					
Name: Street Address:	KINOVA 4333, B	OULEVARD DE LA GRANDE-ALLÉE RIAND					
Name: Street Address: City:	KINOVA 4333, B BOISBF	OULEVARD DE LA GRANDE-ALLÉE RIAND					
Name: Street Address: City: State/Country:	KINOVA 4333, B BOISBF CANAD J7H 1M	OULEVARD DE LA GRANDE-ALLÉE RIAND					
Name: Street Address: City: State/Country: Postal Code:	KINOVA 4333, B BOISBF CANAD J7H 1M RS Total: 1	OULEVARD DE LA GRANDE-ALLÉE RIAND					

CORRESPONDENCE DATA	ł
---------------------	---

Fax Number:(514)286-5474Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:514.947.4747

Phone:	514.0	47.4747	
Email:	Fouzia.bhuiyan@nortonrosefulbright.com		
Correspondent Name:	NORTON ROSE FULBRIGHT CANADA LLP/ PTN		
Address Line 1:	1, PL	ACE VILLE MARIE	
Address Line 2:	BURE	EAU 2500	
Address Line 4:	MON	TREAL, CANADA H3B1R1	
ATTORNEY DOCKET NUMBER	•	55402178-3US	
NAME OF SUBMITTER:		PIERRE T. ANGUYEN	
SIGNATURE:		/Pierre T. ANGUYEN/	
DATE SIGNED:		06/14/2019	
Total Attachments: 15			

source=assignment#page1.tif

source=assignment#page2.tif source=assignment#page3.tif source=AssignmentConfirmationAssignment#page1.tif source=AssignmentConfirmationAssignment#page2.tif source=AssignmentRecordal#page1.tif source=AssignmentRecordal#page3.tif source=SignedassignmentKinovalnc#page1.tif source=SignedassignmentKinovalnc#page2.tif source=SignedassignmentKinovalnc#page3.tif source=SignedassignmentKinovalnc#page3.tif source=SignedassignmentKinovalnc#page3.tif source=SignedassignmentKinovalnc#page4.tif source=AssignmentConfirmationCorrectiveAssignment#page1.tif source=AssignmentConfirmationCorrectiveAssignment#page2.tif

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYP	E:		NEW ASSIGNMENT		000000000000000000000000000000000000000	
NATURE OF CONVENTANCE.						
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PAR'	ГҮ ДАТА					
		Nai	me	Execution Date		
Louis Joseph Caron	L'Ecuyer			06/21/2011		
Charles Deguire				06/21/2011		
RECEIVING PART	Y DATA					
	KINOVA					
	5795, avenu	e de G	aspe			
	Suite 214					
City:	Montreal, Q	uebec				
State/Country:	CANADA					
Postal Code:	H2S 2X3					
Property T	ype		Number			
Application Number	er:	13122	738			
CORRESPONDENCE DATA         Fax Number:       (514)288-8389         Correspondence will be sent via US Mail when the fax attempt is unsuccessful.         Phone:       5148474243         Email:       pierre.nguyen@nortonrose.com         Correspondent Name:       Pierre T. ANguyen         Address Line 1:       Norton Rose OR LLP         Address Line 2:       1, Place Ville Marie, Suite 2500         Address Line 4:       Montreal, Quebec, CANADA H3B 1R1						
ATTORNEY DOCKET NUMBER:			55402178-3US			
NAME OF SUBMIT	TER:		Pierre T. ANguyen			
Signature:			/Pierre T. ANguyen/			
					*****	

Date:	07/04/2011	
Total Attachments: 3 source=Assignmentasf source=Assignmentasf source=Assignmentasf	iled#page2.tif	
RECEIPT INFORMATIO	DN	
EPAS ID:	PAT1613516	
Receipt Date:	07/04/2011	
Fee Amount:	\$40	

# CESSION D'INVENTION - UNIVERSELLE - INVENTEUR ASSIGNMENT OF INVENTION - UNIVERSAL - INVENTOR

ATTENDU QUE :	WHEREAS, INVe
Nom complet de l'unique ou premier inventeur	Full name of sole or first inventor
Louis Joseph CARO	N L'ECUYER
Domicile et adresse postale	Residence and post office address
311 Peel Street, Apt. 308A, Montréa	I, Québec H3C 3R9, Canada
Nom complet du second inventeur	Full name of second inventor
Charles DEG	UIRE
Domicile et adresse postele	Residence and post office address
410, Impasse de la Callière, Montré:	si, Québec J7G 3A3, Canada
irregelieren augelierendenen augelierendenen inverenden er /	Additional invanies named on
O finite(s) cupution on takes(s) ci-judate(s) / a	iditional form(s) attactive formulo

ci-après appolé la cédant, est/sont l'/les auteurs d'une invention afférente à : hereinatter referred to as the assignor bas/bave invented certain improvements in:

Titre de l'invention

## PORTABLE ROBOTIC ARM

Title of the invention

 6722	une demande de brevet portant le même titre	*********	a patent application bearing same title
<u></u>	Neccession		
$\square$	une demande de brevel américain exéculée le		a US patent application executed on
	MM/JJ/AAAA	Ť.	/ MM/DD/YYYY
	et portant le numéro de dépôt		and bearing application number
0	une demande de brevet canadien exéculée la		a Canadian patent application executed on
	MM/UJ/AAAA	ž	/ MM/DO/YYYY
	et portant le numéro de dépôt		and bearing application number
	une demande de brevet PCT exécutée le		a PCT patent application executed on
	MMALIJAAAA	i.	/ MN/DD/YYYY
	et portant le numéro de dépôt		and bearing application number

2826234223:426629223

#### Cession d'invention Bilingual Assignment

#### Assignment of Invention

el attendu que :	and whoreas:
Nom complet de l'unique ou premier cessionnaire	Full name of sole or first assignee
KINC	IVA
Adresse postale	Post office address
5795, avenue de Gaspé, Suite 214, N	Iontréal, Québec H2S 2X3, Canada

cl-après nommé le cessionnaire, désire(nt) acquérir tout droit, titre et intérêt se rapportant à ladite invantion et se rapportant à chacun et à tous les brevets octroyés pour ladite invention;

IL EST CONVENU QUE moyennant la somme d'un dollar (\$1.00) et sutre bonne et valable considération dont réception est accusée par les présentes.

	la cédant vend, céde et transfère par les présentes	EWs by these presents, do hereby sell, assign and banefer
×	le cédant confirme qu'à la date de l'invention de ladite invention, il avait vendu, cédé et transféré, dans le cadre d'une entente d'empici ou de toute autre forme de contrat ou d'entente conclue par	I/We hereby confirm that effective the date of my/our invention of the said invention or inventions, I/We did sell, assign and transfer, by virtue of an employment agreement or other form of contract or agreement
	ledit cessionnaire avant la réalisation de ladite	entered into with said assignee prior to making the said invention or inventions.
	le cédant confirme qu'il a vendu, cédé el transféré, en date du	t/We hereby confirm that I/We sold, assigned and transferred, effective
	MM/JJ/AAAA (	/ MM/00/YYYY

audil cessionnaire, à ses héritiers et avant droit, tout droit, titre ef intérêt se rapportant à ladite invention, telle que décrite dans la ausdite demande de brevet, sous toute forme ou réalisation de cette invention, tout droit, titre et intérêt se rapportant à la susdite demande de brevet; et lout droit, litre et intérêt se rapportant à toute extension de cette demande déposée dens tout pays étranger, incluant le droit de déposer ladite demande à l'étranger selon les dispositions de la convention internationale: ainsi que tout droit, titre et intérêt se rapportant à tout brevet, redélivrance ou extension obtenus dans ce pays ou tout pays étranger concernant ladile invention et lout droit, tilre et intérêt se rapportant. demande Š. toute: divisionnaire. -continuation. \*continuation-in-part\*, demande - substituée divulgation supplémentaire éventuellement déposée en rapport avec ladite invention dans tout pays; et par les présentes, la cédant autorise et prie l'autorité compétente d'émettre tout brevet relatif à ladite demande audit cessionnaire.

DE PLUS, le cédant s'angage et ce, sans rémunération de la part dudit cessionnaire, autre que les débours encourus par le cédant, à communiquer audit unto said assignee, its successors and assigns, the entire right, tille and interest in and to said invention or inventions, as described in the aforesaid patent of application, in any form or embodiment thereof, and in and to the aforesaid patent or application; and in and to any patents or applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the international Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute continuation-in-part, nonprovisional, application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and IfWe hereby authorize and request the issuing authority to issue any and all patents on said. application or applications to said assignee.

hereinafter referred to as the assignee, is/are desircus

of securing the entire legal right, title and interest in and

to said invention and in and to any and all patents

NOW, THEREFORE, in consideration of One Datar

(\$1,00) and other valuable consideration, the receipt of

obtained and to be obtained therefor:

which is hereby acknowledged,

We further agree without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its

#### Cession d'Invention Billingual Assignment

cessionnaire, ses représentants ou agents, tout fait se rapportant à ladite invention incluant la soumission de la preuve pour fins d'interférence ou loute autre procédure lorsque requis; à témoigner dans le cas d'interférence, litige ou toute autre procédure lorsque requis; à souscriré et faire parvenir, sur demande, tout document légal nécessaire à la réalisation de la présente cession et cette cession lie également les héritiers, représentants légaux, administrateurs et ayant droit du cédant.

Le présent document peut être signé en plusieurs exemplaires, chacun d'eux étant un original, mais l'ensemble de ces exemplaires constitue un seul et même document.

Le(c) soussigné(c) autorise(ni) par les présentes OGILVY RENAULT LLP / S.E.N.C.R.L., s.r.l. dont l'adresse est 1 Place Ville Marie, bureau 2500, Montréal, Québec, H3B 1R1, à insérer sur cette cession tout ranseignement supplémentaire nécessaire ou désirable, aux fins d'enregistrer ce document, seion las régles sur les brevets.

EN FOI DE QUOI, la cédant a signé la présente cession comme suit:

Signature de l'unique ou premier inventeur

Louis Joseph CARON L'ECUYER

Dato (MM/JJ/AAAA) 06/21/2411

Signature du Vernoue F\_\_\_\_\_\_

Signature du second co-inventeur

Charles DEGUIRE

Date (MM/JJ/AAAA)

06/21/2011

Signature du témoin

#### Déclaration du témoin

Chaque témoin déclare par la présente qu'il/elle était personnellement présent(e) et a vu l'inventeur pour lequel li/elle témoigne dûment signer et exécuter la présente cession, ledit inventeur étant personnellement connu du témoin.

#### Assignment of Invention

representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, itigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon my/our heirs, legal representatives, administrators and assigns, obtained therefor.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

The undersigned hereby grant(s) to the illim of OGILVY RENAULY LLP / S.E.N.C.R.L., s.r.I. of 1 Place Ville Marie, Suita 2500, Montreal, Québec, H3B 1R1, the power to insert onto this assignment any further information which may be necessary or desirable in order to comply with the Patent Rules for recordation of this document.

WHEREAS, the assignor(s) has/have signed the present assignment as follows:

Signature of sole or first inventor Date (MM/OD/YYYY). 06/21/20 Signature of witness

Signature of second Date (MM/OD/Y 201 Sionature of wilness

#### **Declaration of Witness**

Each witness hereby declaros that he/she was personally present and did see the inventor for which ne/she is witnessing, the inventor being personally known to the witness, duly sign and execute the foregoing assignment.

1/004 Fax Server 7/5/2011 2:07:40 PM PAGE DIPIERRE T. A.-NGUYEN COMPANY: NORTON ROSE OR LLP



USPTO

## UNITED STATES PATENT AND TRADEMARK OFFICE

## **Facsimile Transmission**

To:

Name:

Name:

Company: Fax Number:

Voice Phone:

Voice Phone:

PIERRE T. A.-NGUYEN NORTON ROSE OR LLP 15142888389

From:

ASSIGNMENT RECORDATION SERVICES 571-272-3350

37 C.F.R. 1.6 sets forth the types of correspondence that can be communicated to the Patent and Trademark Office via facsimile transmissions. Applicants are advised to use the certificate of facsimile transmission procedures when submitting a reply to a non-final or final Office action by facsimile (37 CFR 1.8(a)).

## Fax Notes:

₽g#	Description			
1	Cover Page			
2	Notice			
4	Batch 2526522 Document	1		

USPTO ASSIGNMENT SYSTEM PROCESSING

Date and time of transmission: Tuesday, July 05, 2011 2:07:20 PM Number of pages including this cover sheet: 0.4

USPTO



UNITED STATES PATENT AND TRADEMARK OFFICE

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

PTAS

PIERRE T. A.-NGUYEN NORTON ROSE OR LLP 1, PLACE VILLE MARIE, SUITE 2500 MONTREAL, QUEBEC, H3B 1R1 CANADA

JULY 05, 2011

## \*501584470\*

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

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM 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 EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/04/2011

REEL/FRAME: 026539/0823 NUMBER OF PAGES: 4

ERIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: 55402178-3US

ASSIGNOR: CARON L'ECUYER, LOUIS JOSEPH

DOC DATE: 06/21/2011

ASSIGNOR: DEGUIRE, CHARLES

DOC DATE: 06/21/2011

ASSIGNEE: KINOVA 5795, AVENUE DE GASPE SUITE 214 MONTREAL, QUEBEC, CANADA H2S 2X3

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.sov

USPTO ERRE T. A.	-NGUYEN	7/5/2011 COMPANY:NO	L 2:07:40 D DRTON ROSE		3/004	Fax	Server	
02653970	823 PAGE							
PATENT N	NUMBER: PORTABLE S	R: 13122738 OBOTIC ARM	a oo oo oo	FILING I ISSUE DA				
ASSIGNME PUBLIC F	MT SERVIC NECORDS DI	ES BRANCH VISION						

Э

#### Our Reference: 55402178-3US

#### **CORRECTIVE CONFIRMATORY ASSIGNMENT OF INVENTION - UNIVERSAL**

#### WHEREAS,

š.,

Name: CARON L'ECUYER, Louis Joseph Address: 50, rue des Favoles, Blainville (Québec) J7C5T2, Canada

Name: DEGUIRE, Charles Address: 360, rue Cardinal, Rosemère (Québec) J7A2V1, Canada

(hereinafter referred to as the "Assignor"), has owned one or more invention(s) relating to and entitled

### **ROBOTIC ARM WITH A PLURALITY OF MOTORIZED JOINTS**

set forth and described in United States Patent Application No. 9,126,332

(herein after referred to as the "Invention");

AND WHEREAS,

Name : KINOVA INC. Address : 4333 Boulevard de la Grande-Allée, Boisbriand, QC J7H 1M7

(hereinafter referred to as the "Assignee")

had, at least as early as 06/10/2008 (dd/mm/yy), acquired from the assignor the entire right, title, interest, property and benefit in and for Canada, the United States, and all other countries and jurisdictions in the world, in and to the Invention;

The Assignor had previously assigned to "KINOVA" the entire right, title, interest, property and benefit in and for Canada, the United States, and all other countries and jurisdictions in the world, in and to the Invention in an assignment recorded under reel/frame 026539/0823 in the United States Patent and Trademark Office. "KINOVA" referred to the same entity as the Assignee "KINOVA INC.", and there were no other affiliated entity including the name "KINOVA" on 06/10/2008. Appendix A provides an indication that KINOVA INC. existed at least as early as 06/10/2008. To the extent any rights may not have been transferred to Assignee at the time, all such rights are assigned to KINOVA INC. nunc pro tunc at least as early as 06/10/2008.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor agrees to and does hereby:

confirm to have sold, assigned, transferred, and set over to the Assignee, at least as early as 06/10/2008 (dd/mm/yy), and, to any extent to have not already sold, assigned, transferred or set over to Assignee, does hereby sell, assign, transfer and set over to the Assignee, and to the Assignee's successors, assigns, nominees or other legal representatives, its entire right, title, interest, property and benefit including any right to sue for past infringements in and for Canada, the United States, and all other countries and jurisdictions in the world, in and to the Invention, any and all applications filed therefore, including any and all corresponding applications whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all patents that may issue, be granted or result thereform for the Invention, and any and all rights of priority resulting from the filing of any of the above-identified applications and any previously filed applications in respect of the Invention under international conventions, treaties or otherwise, the same to be held and enjoyed fully and exclusively;

do all lawful acts and to execute and deliver, without further consideration other than expenses reasonably incurred, all further documents as may reasonably be required by the Assignee, or by its successors, assigns, nominees, or other legal representatives, to obtain said Patents in Canada and all other countries and jurisdictions for the Invention and vest or secure the same in the Assignee, and in the Assignee's successors, assigns, nominees or other legal representatives; and

grant to said Assignee, its successors, assigns, nominees or other legal representatives, including its patent agents and attorneys, the power to insert on this assignment any further information which may be necessary or desirable in order to place this document in compliance for recordation.

THIS CONFIRMATORY ASSIGNMENT may be executed in counterparts, all of which shall be considered one and the same agreement.

ess: <u>x C, F</u> Name: ERif LAbbe
gnor : X Name: DEGURE-Charles
ess: <u>x Eucle</u> Name: ERIE LALLÉ

Declaration of Witness

Each witness hereby declares that he/she was personally present and did see the inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above, the inventor being personally known to the witness as the person named above.

PATENT REEL: 049546 FRAME: 0246 <u>,</u>3

# Québec 🚟

# CERTIFICATE OF AMENDMENT

Companies Act, Part IA (RSQ chapter C-38)

I hereby certify that the company

KINOVA INC.

amended its articles on JULY 25, 2008, under Part IA of the Companies Act, as indicated in the articles of amendment included herein.



۵. ×

Ś...

Deposited in the register on August 4, 2008, under Québec enterprise number 1163747141.

Enterprise registrar

T430Z11141K70AA

LEX-302 (2007-04)



# Articles of amendment

Companies Act (RSQ chapter C-38, Part IA)

 Name - Enler the new company name if it is being amended, and enter the former name in section 5. Québec enterprise number NEQ 1163747141 \*\*

1955

- Enter the current name if you are keeping it, and enter n/a in section 5.

KINOVA INC.

08

Mark the box with an X if you are asking for a designating number (numbered company) rather than a corporate name.

2. The articles of the company will be amended as follows:

3. Effective date (if it differs from the date of the deposit of the articles of amendment) for applications not covered in section 4.

Date subsequent to the date of the deposit: Year M	onth Day
--	----------

## 4. Amendment to the articles under section 123.140 and following of the Companies Act.

Mark the box with an X If the application for amendment is to correct an illegality or an irregularity or to inset	rt a provision	1
 required by the Companies Act: • that does not affect the rights of the shareholders or creditors (s. 123.140);	*****	a
• that may affect the rights of the shareholders or creditors - attach a copy of the judgment (s. 123, 141).	Year Month D	
Effective date (the amendment is retroactive to the date of the certificate accompanying the anticles being amended, unless the articles of amendment or the judgment provide for a later date):	e Gioni 202005885 SJ	iaș

5. Name prior to the amendment (If it differs from the name indicated in section 1).

9169-8860 Québec inc.

For administration use only

QUÉBEC Deposited on JULY 25, 2008 Enterprise registrar

Signature of the authorized director

If there is not enough space provided, enclose an appendix in two duplicates, indicate the corresponding section and number the pages if applicable.

Sign and return the two duplicates with your payment. Do not fax

Ministère du Revenul.E-50.0.11.04 (2007-04)

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE	ISSION TYPE: CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:		Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 026539 Frame 0823. Assignor(s) hereby confirms the CORRECTED NAME IS KINOVA INC					
CONVEYING PARTY DATA							
		Nar	ne	Execution Date			
LOUIS JOSEPH CARON L'ECUYER				11/22/2018			
CHARLES DEGUIRI	E			11/22/2018			
RECEIVING PARTY DATA Name: KINOVA INC.							
{			RD DE LA GRANDE-ALLÉE				
{	BOISBRIAN						
State/Country:	CANADA						
Postal Code: J	J7H 1M7						
Property Ty	ROPERTY NUMBERS Total: 1 Property Type Number						
Patent Number: 91263		91263	332				
CORRESPONDENCE DATA         Fax Number:       (514)286-5474         Phone:       514.847.4747         Email:       Fouzia.bhuiyan@nortonrosefulbright.com         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 using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful,							
ATTORNEY DOCKET NUMBER:			55402178-3US				
NAME OF SUBMITTER:			PIERRE T. ANGUYEN				
Signature:			/Pierre T. ANGUYEN/				

PATENT

Date:		01/17/2019	
Total Attachments: 6 source=55402178-3US source=55402178-3US source=55402178-3US source=55402178-3US source=AssignmentRec source=AssignmentRec	#page2.tif #page3.tif #page4.tif ordal3US#page2.ti		
RECEIPT INFORMATIO	N		
EPAS ID: Receipt Date:	PAT533079 01/17/2019	-	



## UNITED STATES PATENT AND TRADEMARK OFFICE

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

May 15, 2019

PTAS

NORTON ROSE FULBRIGHT CANADA LLP/ PTN 1, PLACE VILLE MARIE BUREAU 2500 MONTREAL, H3B1R1 CANADA



United States Patent and Trademark Office Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

 The document submitted to correct errors in the previously recorded document is not acceptable. To correct an error in the recorded document, you must file a new cover sheet stating the error and the nature of conveyance, attach the previously recorded cover sheet which contains the error and the supporting document and pay the recording fees as set forth in 37 C.F.R. §3.34

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Monday**, **July 15**, **2019**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <a href="http://epas.uspto.gov">http://epas.uspto.gov</a>, click the Start Resubmission button and enter the following information:

### Document ID: 505284018 Access Code: 00R0SI8X9MJZ9E7

To file the resubmission in paper, send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

LAWANDA MILTON ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

RECORDED: 01/17/2019