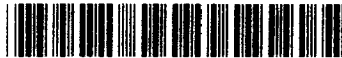


10-01-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



3ET

To the Director of the U.S. Patent

103449455

1 document or the new address(es) below.

1. Name of conveying party(ies)

Michael D. Guiver
Gilles P. Robertson
Peixiang Xing

9-27-07

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 08/22/06 and 8/22/06

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Conseil National De Recherches Canada

Internal Address: _____

Street Address: Communications centrales 1200

chemin de Montreal, Edifice M-58

City: Ottawa

State: Ontario

Country: Canada Zip: K1A 0R6

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/059,108

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Stefan V. Stein

Internal Address: Holland & Knight LLP

Street Address: 100 N. Tampa Street, Suite 4100

City: Tampa

State: FL Zip: 33602-3644

Phone Number: 813-227-8500

Fax Number: 813-229-0134

Email Address: stefan.stein@hklaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

Stefan V. Stein

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and documents:

6

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

10/01/2007 DBYRNE 00000030 10059108

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40.00 DP

PATENT
REEL: 019915 FRAME: 0982

ASSIGNMENT OF INVENTION - UNIVERSAL – INVENTOR

CESSION D'INVENTION - UNIVERSELLE - INVENTEUR

French Language Assignment

ATTENDU QUE

WHEREAS, I/We:

Nom complet du quatrième co-inventeur Michael D. GUIVER	Full name of fourth co-inventor
Domicile et adresse postale 410, Byron Avenue, Ottawa (Ontario) K1Z 6Z3 CANADA	Residence and Post Office address
Nom complet du cinquième co-inventeur Gilles P. ROBERTSON	Full name of fifth co-inventor
Domicile et adresse postale 59, Du Bruant, Hull (Québec) J9A 2Y1 CANADA	Residence and Post Office address
Nom complet du sixième co-inventeur Peixiang XING	Full name of sixth co-inventor
Domicile et adresse postale 312-1957, Jasmine-Crescent, Gloucester (Ontario) K1J 7Z4 CANADA	Residence and Post Office address
Inventeurs supplémentaires nommés sur / Additional inventors named on _____ fiche(s) supplémentaire(s) ci-jointe(s) / additional form(s) attached hereto	

ci-après appelé le cédant, est/sont l'/les auteurs d'une invention afférente à

hereinafter referred to as the assignor has/have invented certain improvements in

Titre de l'invention METHOD FOR CROSS-LINKING SULFONATED POLYMERS	Title of the invention
---	------------------------

et décrite dans:

described in

☒	une demande de brevet portant le même titre	a patent application bearing same title
☒	une demande de brevet provisoire américaine exécutée le 23 / 02 / 2004 MM/JJ/AAAA et portant le numéro de dépôt 60/546,180	a provisional US patent application executed on MM/DD/YYYY and bearing application number
☒	une demande de brevet américain exécutée le MM / JJ / AAAA MM/JJ/AAAA et portant le numéro de dépôt Unknown	a US patent application executed on MM/DD/YYYY and bearing application number
☒	une demande de brevet canadien exécutée le MM / JJ / AAAA MM/JJ/AAAA et portant le numéro de dépôt Unknown	a Canadian patent application executed on MM/DD/YYYY and bearing application number
☒	une demande de brevet PCT exécutée le 02/23/2005 MM/JJ/AAAA et portant le numéro de dépôt PCT/CA2005/000261	a PCT patent application executed on MM/DD/YYYY and bearing application number

et attendu que

and whereas

Nom complet du second cessionnaire CONSEIL NATIONAL DE RECHERCHES CANADA	Full name of sole or first assignee
Adresse postale Communications centrales, 1200, chemin de Montréal, Édifice M-58, Ottawa (Ontario) K1A 0R6 CANADA	Post Office address

ci-après nommé le cessionnaire, désire(nt) acquérir tout droit, titre et intérêt se rapportant à ladite invention 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 autre bonne et valable considération dont réception est accusée par les présentes,

hereinafter referred to as the assignee, is/are desirous of securing the entire legal right, title and interest in and to said invention and in and to any and all patents obtained and to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged,

☐	le cédant vend, cède et transfère par les présentes	I/We by these presents, do hereby sell, assign and transfer
☒	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'emploi ou de toute autre forme de contrat ou d'entente conclue par ledit cessionnaire avant la réalisation de ladite invention	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 entered into with said assignee prior to making the said invention or inventions,
☐	le cédant confirme qu'il a vendu, cédé et transféré, en date du / / MM/JJ/AAAA	I/We hereby confirm that I/We sold, assigned and transferred, effective MM/DD/YYYY

audit cessionnaire, à ses héritiers et ayant droit, tout droit, titre et intérêt se rapportant à ladite invention, telle que décrite dans la susdite 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 tout droit, titre et intérêt se rapportant à toute extension de cette demande déposée dans 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 ladite invention et tout droit, titre et intérêt se rapportant à toute demande divisionnaire, continuation, "continuation-in-part", demande substituée ou divulgation supplémentaire éventuellement déposée en rapport avec ladite invention dans tout pays; et par les présentes, le cédant autorise et prie l'autorité compétente d'émettre tout brevet relatif à ladite demande audit cessionnaire.

DE PLUS, le cédant s'engage et ce, sans rémunération de la part dudit cessionnaire, autre que les débours encourus par le cédant, à communiquer audit cessionnaire, ses représentants ou agents, tout fait se rapportant à ladite invention incluant la soumission de la preuve pour fins d'interférence ou toute autre procédure lorsque requis; à témoigner dans le cas d'interférence, litige ou toute autre procédure lorsque requis; à souscrire 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.

unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid patent or 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, continuation-in-part, nonprovisional, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

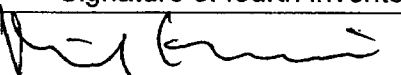
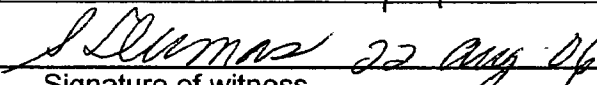
I/We further agree without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation 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;

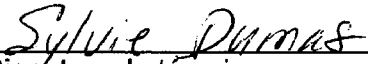
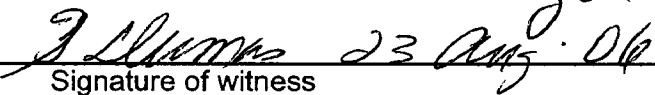
**Cession d'invention
French Language Assignment**

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

Assignment of Invention

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

Signature du quatrième co-inventeur	Signature of fourth inventor
Michael D. GUIVER	
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY) 08/22/2006
	
Signature du témoin	Signature of witness

Signature du cinquième co-inventeur	Signature of fifth inventor
Gilles P. ROBERTSON	
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY) 23 Aug 06
	
Signature du témoin	Signature of witness

Signature du sixième co-inventeur	Signature of sixth inventor
Peixiang XING	
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY)
Signature du témoin	Signature of witness

Déclaration du témoin

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

Declaration of Witness

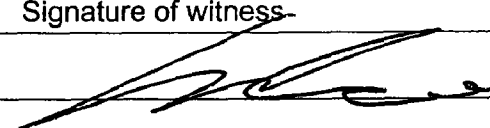
Each witness hereby declares that he/she was personally
present and did see the inventor for which he/she is
witnessing, the inventor being personally known to the
witness, duly sign and execute the foregoing assignment.

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

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

Signature du quatrième co-inventeur	Signature of fourth inventor
Michael D. GUIVER	
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY)
Signature du témoin	Signature of witness

Signature du cinquième co-inventeur	Signature of fifth inventor
Gilles P. ROBERTSON	
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY)
Signature du témoin	Signature of witness

Signature du sixième co-inventeur	Signature of sixth inventor
Peixiang XING	<i>Peixiang Xing</i>
Date (MM/JJ/AAAA)	Date (MM/DD/YYYY)
	<i>August 22, 2006</i>
Signature du témoin	Signature of witness
	

Déclaration du témoin

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

Declaration of Witness

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

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Serge Kaliaguine, Serguei Mikhailenko and Keping WangApplication No./Patent No.: 10/059,108 Filed/Issue Date: IA Date 02/23/2005Entitled: Method for Cross-Linking Sulfonated Polymers

Université Laval, a corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest
 (The extent (by percentage) of its ownership interest is 50 %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

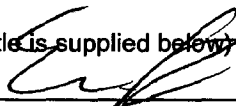
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Eric Bauce

Printed or Typed Name

Interim Vice-Rector for Research and Innovation

Title

19 July 2007
 Date

418-656-3573

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT

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REEL: 019915 FRAME: 0988