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5/23/2011 8:20:19 AM PAGE 4/018

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O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

05/11/2011 02:11 FAX 6123051228

MUETING RAASCH GEBHARDT

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5/9/2011 10:00:20 PM PAGE 4/005

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O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.105/11/2011
02064616
501440223

COPY

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT - to correct Execution Date of Inventor Digvir S. Jayas
(from 02/04/2011 to 02/07/2011) as previously recorded on 02/16/2011 at Reel/Frame: 025817/0601.

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SURESHRAJA NEETHIRAJAN	02/03/2011
MICHAEL S. FREUND	02/04/2011
DIGVIR S. JAYAS	02/04/2011

RECEIVING PARTY DATA

Should be 02/07/2011

Name:	UNIVERSITY OF MANITOBA
Street Address:	831 DRAKE CENTRE
Internal Address:	191 FREEDMAN CRESCENT
City:	WINNIPEG, MANITOBA
State/Country:	CANADA
Postal Code:	R3T 5V8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12873836

CORRESPONDENCE DATA

Fax Number: (612)305-1228
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 6123051005
Email: struehart@mrpiplaw.com
Correspondent Name: David L. Provence
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Address Line 2: Suite 350
Address Line 4: Minneapolis, MINNESOTA 55401

ATTORNEY DOCKET NUMBER: 352.00080101

NAME OF SUBMITTER: David L. Provence

Total Attachments: 6

CH \$40.00 12873836

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MUETING RAASCH GEBHARDT

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PATENT

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4/005

Fax Server

DAVID L. PROVENCE COMPAT 111 3RD AVENUE SOUTH

PATENT ASSIGNMENT

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Stylesheet Version v1.1

02/16/2011
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>SURESHRAJA NEETHIRAJAN</td><td>02/03/2011</td></tr><tr><td>MICHAEL S. FREUND</td><td>02/04/2011</td></tr><tr><td>DIGVIR S. JAYAS</td><td>02/04/2011</td></tr></tbody></table>		Name	Execution Date	SURESHRAJA NEETHIRAJAN	02/03/2011	MICHAEL S. FREUND	02/04/2011	DIGVIR S. JAYAS	02/04/2011				
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Phone: 6123051005													
Email: truehart@mrgiplaw.com													
Correspondent Name: David L. Provence													
Address Line 1: 111 3rd Avenue South													
Address Line 2: Suite 350													
Address Line 4: Minneapolis, MINNESOTA 55401													
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NAME OF SUBMITTER:	David L. Provence												
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O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

05/11/2011 02:11 FAX 6123051228

MUETING RAASCH GEBHARDT

010

COPY

Docket No: 352.00080101

ASSIGNMENT

Whereas We, SURESHRAJA NEETHIRAJAN, MICHAEL S. FREUND, AND DIGVIR J. JAYAS, with residences and citizenships as indicated below; have made an invention in

POLY(ANILINE BORONIC ACID) POLYMERS AND METHODS OF USE

Filing Date: September 1, 2010

Serial No.: 12/873,835

CARBON DIOXIDE DETECTOR AND METHODS OF USE

Filing Date: September 1, 2009

Serial No.: 61/238,914

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto University of Manitoba ("Company"), a corporation of Manitoba, Canada, having its principal office at 631 Drake Centre, 191 Freedman Crescent, Winnipeg, Manitoba R3T 5V4, Canada, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to University of Manitoba as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

N. Suresh Raja

Name: Suresh Raja Neethirajan
Address: Suite 103 - 513 Bampton Woods Drive
Knoxville, TN 37919
Citizenship: CANADA

Feb 3, 2011

Date

[Signature]

Witness 1

2/3/2011

Date

[Signature]

Witness 2

2-3-2011

Date

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5/23/2011 8:20:19 AM PAGE 7/018 Fax Server

O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

05/11/2011 02:12 FAX 6123051228

MUETING RAASCH GEBHARDT

011

Assignment

Page 2 of 2

Serial No. 12/873,835

Filed: September 1, 2010

For: POLY(ANILINE BORONIC ACID) POLYMERS AND METHODS OF USE

Name: Michael S. Freund
Address: 329 Carpathia Road
Winnipeg, MB, R3N 1T4, Canada
Citizenship: CANADA

Date

Witness 1

Date

Witness 2

Date

Name: Digvir S. Jayas
Address: 49 Westwater Drive
Winnipeg, MB, R3X 2G2, Canada
Citizenship: CANADA

Date

Witness 1

Date

Witness 2

Date

USPTO

5/23/2011 8:20:19 AM PAGE 8/018 Fax Server

O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

05/11/2011 02:12 FAX 6123051228

MUETING RAASCH GEBHARDT

012

Docket No: 352.00080101

ASSIGNMENT

Whereas We, SURESHRAJA NEETHIRAJAN, MICHAEL S. FREUND, AND DIGVIR J. JAYAS, with residences and citizenships as indicated below; have made an invention in

POLY(ANILINE BORONIC ACID) POLYMERS AND METHODS OF USE

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Serial No.: 61/238,914

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto University of Manitoba ("Company"), a corporation of Manitoba, Canada, having its principal office at 631 Drake Centre, 191 Freedman Crescent, Winnipeg, Manitoba R3T 5V4, Canada, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to University of Manitoba as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Name: Suresh Raja Neethirajan
Address: Suite 103 - 513 Breton Woods Drive
Knoxville, TN 37919
Citizenship: CANADA

Date

Witness 1

Date

Witness 2

Date

USPTO

5/23/2011 8:20:19 AM PAGE 9/018

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MUETING RAASCH GEBHARDT

013


Assignment

Page 2 of 2

Serial No. 12/873,835

Filed: September 1, 2010

For: POLY(ANILINE BORONIC ACID) POLYMERS AND METHODS OF USE


Name: Michael S. Freund
Address: 329 Carpathia Road
Winnipeg, MB, R3N 1T4, Canada
Citizenship: CANADA

Feb 4, 2011
Date


Witness 1

FEB 4, 2011
Date


Witness 2

Feb 4, 2011
Date

Name: Digvir S. Jayas
Address: 49 Westwater Drive
Winnipeg, MB, R3X 2G2, Canada
Citizenship: CANADA

Date

Witness 1

Date

Witness 2

Date

O:DAVID L. PROVENCE COMPANY:111 3RD AVENUE SOUTH

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MUETING RAASCH GEBHARDT

014

Docket No: 352.00080101

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We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to University of Manitoba as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Name: Sureshraj Neethirajan
Address: Suite 103 - 513 Bretton Woods Drive
Knoxville, TN 37919
Citizenship: CANADA

Date

Witness 1

Date

Witness 2

Date

PATENT

REEL: 026406 FRAME: 0659

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5/23/2011 8:20:19 AM PAGE 11/018

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For: POLY(ANILINE BORONIC ACID) POLYMERS AND METHODS OF USE

Name: Michael S. Freund
Address: 329 Carpathia Road
Winnipeg, MB, R3N 1T4, Canada
Citizenship: CANADA

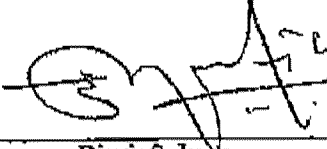
Date

Witness 1

Date

Witness 2

Date


Name: Digvir S. Jayas
Address: 49 Westwater Drive
Winnipeg, MB, R3X 2G2, Canada
Citizenship: CANADA

Date

Feb 07 / 2011

Witness 1

Date

February 7, 2011

Witness 2

Date

Feb 7, 2011