

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3506129

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INCORRECT SERIAL NO. 12666122 AND REPLACE IT WITH CORRECT SERIAL NO. 12166112 previously recorded on Reel 025528 Frame 0864. Assignor(s) hereby confirms the SECURITY AGREEMENT.

CONVEYING PARTY DATA

Name	Execution Date
FIO CORPORATION	10/18/2010

RECEIVING PARTY DATA

Name:	FASKEN MARTINEAU DUMOULIN LLP
Street Address:	333 BAY STREET, SUITE 2400
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5H 2T6

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	12666112
Application Number:	12520295
Application Number:	12594430
Application Number:	12668264
Application Number:	12670222
Application Number:	12682710
Application Number:	12279639

CORRESPONDENCE DATA

Fax Number: (416)364-7813

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: 4168683404

Email: kholbeche@fasken.com

Correspondent Name: KEVIN HOLBECHE

Address Line 1: 333 BAY STREET, SUITE 2400

Address Line 4: TORONTO, CANADA M5H 2T6

ATTORNEY DOCKET NUMBER:	277974.00001
NAME OF SUBMITTER:	KEVIN E. HOLBECHE

SIGNATURE:	/K~E~H/
DATE SIGNED:	08/31/2015
Total Attachments: 10 source=Security & Cover Sheet#page1.tif source=Security & Cover Sheet#page2.tif source=Security & Cover Sheet#page3.tif source=Security & Cover Sheet#page4.tif source=Security & Cover Sheet#page5.tif source=Security & Cover Sheet#page6.tif source=Security & Cover Sheet#page7.tif source=Security & Cover Sheet#page8.tif source=Security & Cover Sheet#page9.tif source=Security & Cover Sheet#page10.tif	

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	SECURITY AGREEMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>FIO CORPORATION</td><td>10/18/2010</td></tr></tbody></table>	Name	Execution Date	FIO CORPORATION	10/18/2010													
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Email:	kholbeche@fasken.com																

Correspondent Name: KEVIN HOLBECHE
Address Line 1: 333 BAY STREET, SUITE 2400
Address Line 4: TORONTO, CANADA M5H 2T6

ATTORNEY DOCKET NUMBER:	277974.00001
NAME OF SUBMITTER:	Kevin E. HOLBECHE
Signature:	/K~E~H/
Date:	12/21/2010

Total Attachments: 8
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RECEIPT INFORMATION

EPAS ID: PAT1412877
Receipt Date: 12/21/2010
Fee Amount: \$280

INTELLECTUAL PROPERTY SECURITY AGREEMENT

INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "IP Security Agreement"), effective as of October 18th, 2010, is made by Fio Corporation (the "Grantor") in favour of Fasken Martineau DuMoulin LLP, having a principal place of business at 333 Bay Street, Suite 2400, Bay Adelaide Centre, Box 20, Toronto, ON, M5H 2T6, Canada, as secured party (the "Secured Party"), under a General Security Agreement, dated as of the date hereof, among the Grantor and the Secured Party (as amended, supplemented, restated or otherwise modified from time to time, the "General Security Agreement").

WHEREAS, pursuant to the General Security Agreement, the Grantor has granted to the Secured Party a security interest in, inter alia, certain Intellectual Property, including, without limitation, those patents, patent rights and applications, and letters patent set forth on Exhibit A (collectively the "Patents"), and those trade marks, trade mark rights, registrations and applications set forth on Exhibit B, together with any and all of the goodwill of the business symbolized thereby or associated with each of them (collectively the "Trade Marks"), that constitute Collateral (collectively, the "IP Collateral"); and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor agrees, for the benefit of the Secured Party, as follows:

1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this IP Security Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the General Security Agreement, as applicable.

2. Grant of Security Interest for Indebtedness. To evidence further the security interest granted by the Grantor to the Secured Party pursuant to the General Security Agreement, the Grantor hereby grants a continuing security interest in, all of such Grantor's right, title and interest in, to and under the IP Collateral, to the Secured Party, as security for the payment and satisfaction of any and all Indebtedness.

3. Purpose. This IP Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the Canadian Intellectual Property Office, the United States Patent and Trademark Office, and any similar office or agency in any other country, region, or jurisdiction. The security interest granted hereby has been granted to the Secured Party in connection with the General Security Agreement and is expressly subject to the terms and conditions thereof. The General Security Agreement (and all rights and remedies of the Secured Party thereunder) shall remain in full force and effect in accordance with its terms.

4. Acknowledgment. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Secured Party with respect to the security interest in the IP Collateral granted hereby are more fully set forth in the General Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between this IP Security Agreement and the General Security Agreement, the terms of the General Security Agreement shall govern.

5. Delivery. Transmission of a copy of an executed signature page of this IP Security Agreement by the Grantor to the Secured Party by facsimile transmission or e-mail in pdf format shall be as effective as delivery of a manually executed counterpart hereof to each party hereto.

IN WITNESS WHEREOF, the Grantor has caused this IP Security Agreement to be duly executed and delivered as of the day and year first above written.

FIO CORPORATION

By: 

Name:

Title:

CAIRMAN + CEO

PATENTS

Patent Family	Name of Country	Priority Document	Application Number	Filing / National Entry Date	Status
SYSTEM AND METHOD OF DETECTING PATHOGENS	Canada	n/a	2,536,698	15 February 2006	Pending
	Canada	CA 2,536,698	2,571,904	19 December 2006	Pending
METHOD FOR DETECTING PATHOGENS USING MICROBEADS CONJUGATED TO BIO-RECOGNITION MOLECULES	Brazil	CA 2,536,698 CA 2,571,904	INPI/PAPE004932	13 February 2007 / 14 August 2008	Pending
	Canada		2,636,489	13 February 2007 / 15 August 2008	Issued Patent
	China		200780005698.4	13 February 2007 / 15 August 2008	Pending
	Europe		07719377.9	13 February 2007 / 15 September 2008	Pending
	Hong Kong		09108325.0	13 February 2007 / 11 September 2009	Pending
	International (PCT)		PCT/CA2007/000211	13 February 2007	International Phase Completed
	Japan		2008-554569	13 February 2007 / 14 August 2008	Pending
	Korea		2008-7022364	13 February 2007 / 12 September 2008	Pending
	Mexico		MX/a/2008/010541	13 February 2007 / 15 August 2008	Pending
	Philippines		1-2008-501875	13 February 2007 / 15 August 2008	Pending
	Singapore		200806048-5	13 February 2007 / 14 August 2008	Pending
	South Africa		2008/07871	13 February 2007 / 12 September 2008	Issued Patent
	United States		12/279,639	13 February 2007 / 15 August 2008	Pending

Patent Family	Name of Country	Priority Document	Application Number	Filing / National Entry Date	Status
MICROFLUIDIC SYSTEM AND METHOD TO TEST FOR TARGET MOLECULES IN A BIOLOGICAL SAMPLE	Brazil	CA 2,580,569 CA 2,571,904	PI0720707-7	19 December 2007 / 19 June 2009	Pending
	Canada	n/a	2,580,589	2 March 2007	Pending
	Canada	CA 2,580,569 CA 2,571,904	2,668,779	19 December 2007 / 19 June 2009	Pending
	China		200780051507.8	19 December 2007 / 19 August 2009	Pending
	Europe		07855599.2	19 December 2007 / 14 July 2009	Pending
	India		4647/DELNP/2009	19 December 2007 / 16 July 2009	Pending
	International (PCT)		PCT/CA2007/002317	19 December 2007	International Phase Completed
	Japan		2009-541715	19 December 2007 / 18 June 2009	Pending
	Singapore		200904191-4	19 December 2007 / 19 June 2009	Pending
	South Africa		2009/04969	19 December 2007 / 16 July 2009	Pending
	United States		12/520,295	19 December 2007 / 19 June 2009	Pending
SYSTEM AND METHOD OF DECONVOLVING MULTIPLEXED FLUORESCENCE SPECTRAL SIGNALS GENERATED BY QUANTUM DOT OPTICAL CODING TECHNOLOGY	Canada		US 60/909,581	2,682,826	2 October 2009 / 2 April 2008
	International (PCT)	PCT/CA2008/000623		2 April 2008	International Phase Completed
	United States	12/594,430		2 April 2008	Pending
	United States	n/a	60/909,581	2 April 2007	Expired Provisional
SYSTEMS AND METHODS FOR MANUFACTURING QUANTUM DOT-DOPED POLYMER MICROBEADS	Canada	US 60/945,724	2,692,259	23 June 2008 / 22 December 2009	Pending
	China		200880103911.X	23 June 2008 / 22 February 2010	
	Europe		08783149.1	23 June 2008 / 21 January 2010	
	International (PCT)		PCT/CA2008/001204	23 June 2008	International Phase Completed
	Japan		2010-51247	23 June 2008 / 22 December 2009	Pending
	United States		12/666,122	23 June 2008	
	United States	n/a	60/945,724	22 June 2007	Expired Provisional

Patent Family	Name of Country	Priority Document	Application Number	Filing / National Entry Date	Status
SYSTEMS AND METHODS FOR ENHANCING FLUORESCENT DETECTION OF TARGET MOLECULES IN A TEST SAMPLE	Canada	US 60/948,643	2,693,055	9 July 2008 / 11 January 2010	Pending
	China		20080105610.0	9 July 2008 / 4 March 2010	
	Europe		EP08783190.5	9 July 2008 / 8 February 2010	
	International (PCT)		PCT/CA2008/001264	9 July 2008	International Phase Completed
	Japan		2010-51539	9 July 2008 / 12 January 2010	Pending
	United States		12/668,264	9 July 2008	
	United States	n/a	60/948,643	9 July 2007	Expired Provisional
A METHOD AND SYSTEM FOR COLLATING, STORING, ANALYZING AND ENABLING ACCESS TO COLLECTED AND ANALYZED DATA ASSOCIATED WITH BIOLOGICAL AND ENVIRONMENTAL TEST SUBJECTS	ARIPO	US 60/951,355	AP/P/1010/005254	23 July 2008	Pending
	Brazil		PI0814205-0	23 July 2008 / 25 January 2010	
	Canada		2,689,705	23 July 2008 / 25 January 2010	
	China		200880108388.X	23 July 2008 / 23 March 2010	
	Europe		EP 08800234.0	23 July 2008 / 23 February 2010	
	International (PCT)		PCT/CA2008/001348	23 July 2008	International Phase Completed
	Japan		2010-517240	23 July 2008 / 25 January 2010	Pending
	Korea		2010-7003985	23 July 2008 / 23 February 2010	
	Mexico		MX/a/2010/000894	23 July 2008 / 22 January 2010	
	Nigeria		NG/C/2010/29	23 July 2008 / 22 January 2010	
	OAPI		1201000028	23 July 2008 23 January 2010	
	Russia		2010 106 248	23 July 2008 / 24 February 2010	
	Singapore		201000489-3	23 July 2008 / 22 January 2010	
	South Africa		2010/01251	23 July 2008 / 22 February 2010	
	United States		12/670,222	23 July 2008	
	United States	n/a	60/951,355	23 July 2007	

Patent Family	Name of Country	Priority Document	Application Number	Filing / National Entry Date	Status
FLOW FOCUSING METHOD AND SYSTEM FOR FORMING CONCENTRATED VOLUMES OF MICROBEADS, AND MICROBEADS FORMED FURTHER THERETO	Canada	US 60/979,667	2,702,367	10 October 2008 / 12 April 2010	Pending
	China		200880116521.6	10 October 2008 / 18 May 2010	
	Europe		EP 08837359.2	10 October 2008 / 11 May 2010	
	International (PCT)		PCT/CA2008/001808	10 October 2008	International Phase Completed
	Japan		TBD	10 October 2008 / 12 April 2010	Pending
	United States		12/682,710	10 October 2008	
	United States	n/a	60/979,667	12 October 2007	Expired Provisional
BIO-THREAT ALERT SYSTEM	International (PCT)	US 61/075,350 US 61/093,036 US 61/144,283	PCT/CA2009/000882	25 June 2009	Pending
	United States	n/a	61/075,350	25 June 2008	Expired Provisional
A SINGLE-USE HANDHELD DIAGNOSTIC TEST DEVICE, AND AN ASSOCIATED SYSTEM AND METHOD FOR TESTING BIOLOGICAL AND ENVIRONMENTAL TEST SAMPLES	International (PCT)	US 61/093,036 US 61/144,283	PCT/CA2009/001206	31 August 2009	Pending
	United States	n/a	US 61/093,036	29 August 2008	Expired Provisional
A HANDHELD DIAGNOSTIC TEST DEVICE AND METHOD FOR USE WITH AN ELECTRONIC DEVICE AND A TEST CARTRIDGE IN A RAPID DIAGNOSTIC TEST	International (PCT)	US 61/144,283	PCT/CA2010/000033	13 January 2010	Pending
	United States	n/a	US 61/144,283	13 January 2009	Expired Provisional

Patent Family	Name of Country	Priority Document	Application Number	Filing / National Entry Date	Status
A RAPID DIAGNOSTIC TEST PANEL, KIT, DEVICE, METHOD AND COMPUTER READABLE MEDIUM FOR USE IN THE DIAGNOSIS OF MALARIA AND SEVERE BACTERIAL INFECTION IN A TEST SAMPLE	International (PCT)	US 61/156,743	PCT/CA2010/000298	2 March 2010	Pending
	United States	n/a	61/156,743	2 March 2009	Expired Provisional
MICRO-PLATE LATERAL FLOW SLIDE DEVICE, SYSTEM AND METHOD	United States	n/a	61/249,922	8 October 2009	Pending
PHOTONIC NOSE AND COMBINATORIAL COLOR SENSOR DEVICE, SYSTEM AND METHOD	United States	n/a	61/252,489	16 October 2009	Pending

Exhibit B

TRADE MARKS

Trade mark	Country	Application No.	Filing Date
FIO	Canada	1,296,114	March 31, 2006
FIO	United States	77/470,636	May 9, 2008