504435230 06/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4481931

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MECANIQUE ANALYTIQUE INC.	05/31/2017

RECEIVING PARTY DATA

Name:	APN-AFP INC.
Street Address:	2659 PARC-TECHNOLOGIQUE BOULEVARD
City:	QUEBEC
State/Country:	CANADA
Postal Code:	G1P 4S5

PROPERTY NUMBERS Total: 1

Property Type	Number				
Patent Number:	7216528				

CORRESPONDENCE DATA

Fax Number: (514)397-8515

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: 5143978500 Email: patents@bcf.ca

Correspondent Name: BCF LLP

Address Line 1: 1100 RENE-LEVESQUE BLVD WEST

Address Line 2: 25TH FLOOR

Address Line 4: MONTREAL, CANADA H3B 5C9

ATTORNEY DOCKET NUMBER:	30865-008F2
NAME OF SUBMITTER:	ALINE DESARZENS
SIGNATURE:	/Aline Desarzens/
DATE SIGNED:	06/28/2017

Total Attachments: 4

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PATENT REEL: 042845 FRAME: 0901 504435230

CONFIRMATORY ASSIGNMENT

WHEREAS MECANIQUE ANALYTIQUE INC., a corporation governed by the *Business Corporation Act (Quebec)*, having is head office at 233 Jalbert Street West, Thetford Mines (Quebec) G6G 7W1, Canada (hereinafter, the "Assignor"), is the owner of the invention as described and claimed in the patents and applications set out in the appended schedule (hereinafter referred to as the "Patents and Patent Applications").

AND WHEREAS, APN-AFP INC., a corporation governed by the Business Corporation Act (Quebec), having its head office at 2659 Parc-Technologique Boulevard, Québec (Québec) G1P 485, Canada (hereinafter, the "Assignee") is desirous of confirming acquisition of the entire right, title, and interest in and to the Patents and Patent Applications. inclusive of any continuations or divisions thereof and all priority rights derived therefrom, for any and all countries in the world, and in and to any and all countries in the world, and in and to any and all countries in the world, and in and to any and all patents issuing in any and all countries of the world, to be granted for the invention based on the Patents and Patent Applications or on corresponding patent applications;

NOW, THEREFORE, in consideration of the sum of ten Canadian dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby confirms having sold, assigned and transferred to the Assignee, its successors and assigns, its entire right, title, and interest in and to the invention, and in and to the Patents and Patent Applications inclusive of any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all countries in the world, and in and to any and all patents which may be granted for the invention in any and all countries in the world, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term or terms for which the patent, or reissues, substitutions or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor had no sale, assignment or transfer been made;

AND the Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue each and every patent to be granted for the invention in any and all countries, and each and every reissue, substitution or prolongation of such patent, to the Assignee, its successors and assigns;

AND the Assignor hereby authorizes the firm of BCF LLP whose full post office address is 1100 Rene-Levesque Blvd West, 25th floor, Montreal, Quebec, H3B 5C9, CANADA to correct clerical errors in the Assignment or to insert any further identification or other information necessary or desirable to make the Assignment suitable for recordal at the Canadian Intellectual Property Office and at the United States Patent and Trademark Office;

THIS Assignment is made effective as of May 31, 2017.

Page 1 of 3

AS agreed by both the Assignee and the Assignor, this Assignment has been drawn up in English. Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.

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AS agreed by both the Assignee and the Assignor, this Assignment has been drawn up in English. Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.

IN		WHEREOF,						s Assignment	, at
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Vice-President

# SCHEDULE OF PATENTS AND PATENT APPLICATIONS

# DIAPHRAGM-SEALED VALVE, ANALYTICAL CHROMATOGRAPHIC SYSTEM AND METHOD USING THE SAME ANALYTICAL CHROMATOGRAPHIC METHOD

Country	Application No.	Filing date	Patent No.	Status
PCT	PCT/CA2005/000236	22-02-2005	N/A	Expired
U.S.A	11/064.501	22-02-2005	7.216.528	Granted
CHINA	200580049422.7	22-02-2005	ZL 200580049422.7	Granted
INDIA	3263/KOLNP/2007	22-02-2005	N/A	Expired
CANADA	2.631.892	22-02-2005	2.631.892	Granted
CANADA	2.718.301	22-02-2005	2.718.301	Granted
CHINA	201010292889.7	22-02-2005	ZL201010292889.7	Granted
FRANCE	05 714 478.4	22-02-2005	1 880 131	Granted
UNITED KINGDOM	05 714 478.4	22-02-2005	1 880 131	Granted
GERMANY	05 714 478.4	22-02-2005	60 2005 043 222.1	Granted
SWITZERLAND	05 714 478.4	22-02-2005	1 880 131	Granted
NETHERLANDS	05 714 478.4	22-02-2005	J 880 131	Granted

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PATENT REEL: 042845 FRAME: 0905