505267301 01/08/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5314073

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEX DE GASPARO	05/10/2017
NOEMIE VAN GARDEREN	05/10/2017
MARC BOHNER	05/08/2017

RECEIVING PARTY DATA

Name:	MATHYS AG BETTLACH	
Street Address:	GUETERSTRASSE 5	
City:	BETTLACH	
State/Country:	SWITZERLAND	
Postal Code:	2544	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16161137	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	8155.0013D
NAME OF SUBMITTER:	LORYCE ELHAMAWY
SIGNATURE:	/Loryce ElHamawy/
DATE SIGNED:	01/08/2019

Total Attachments: 5

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PATENT 505267301 REEL: 047930 FRAME: 0169

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PATENT REEL: 047930 FRAME: 0170

PATENT APPLICATION Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

ALEX DE GASPARO

NOEMIE VAN GARDEREN

MARC BOHNER

Who have created a certain invention for which applications for United States and its territorial possessions and all foreign countries Letters Patent entitled "METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES" listed on the attached Schedule A.

Do hereby sell, assign and transfer to MATHYS AG BETTLACH, a company having a place of business at Gueterstrasse 5, 2544 Bettlach, Switzerland its successors, assigns, and legal representatives, the full and exclusive right to said invention and said applications and to any and all inventions described in said invention and said applications and to any and all inventions described in said applications for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that MATHYS AG BETTLACH, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.

1

PATENT REEL: 047930 FRAME: 0171

DATE: 10.05.2077 ALEX DE GASPARO

DATE: 2017 - 05 - 15 | 16 16 1

DATE: 10/05/2017

NOEMIE VAN GARDEREN

date: <u>2017 - 05 - 15</u>

WITNESS

DATE:	2017	<u> (25</u>	<u> </u>	
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MARC BOHNER

WHILL DURING

DATE: 2017 - 05 - 08

WITNESS

SCHEDULE A

Appln No.	Country	Title	Atty. Docket No.
	AUSTRALIA	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013AU
BR112016030220-6	BRAZIL	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013BR
2,953,165	CANADA	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013CA
201480080749X	CHINA	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013CN
14741187.0	EUROPE	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013EP
249693	ISRAEL	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013IL
201637044155	INDIA	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013IN
2017-519738	JAPAN	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013JP
10-2017-7001548	REPUBLIC OF KOREA	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013KR
PCT/CH2014/000085	PCT	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013PC
15/321,297	US	METHOD FOR PRODUCING POROUS CALCIUM DEFICIENT HYDROXYAPATITE GRANULES	8155BIO0013US

5

RECORDED: 01/08/2019