505299449 01/28/2019

EPAS ID: PAT5346226

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAN GALLAGER	05/01/2017
STEVEN P. BRAITHWAITE	05/01/2017
S. SAKURA MINAMI	05/01/2017
VU DANG	05/05/2017
JOE MCCRACKEN	05/01/2017
KAROLY NIKOLICH	05/02/2017

RECEIVING PARTY DATA

Name:	ALKAHEST, INC.
Street Address:	75 SHOREWAY ROAD, SUITE D
City:	SAN CARLOS
State/Country:	CALIFORNIA
Postal Code:	94070

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15499694
PCT Number:	US2017029953

CORRESPONDENCE DATA

Fax Number: (650)327-3231

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.

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Correspondent Name: BOZICEVIC, FIELD & FRANCIS LLP Address Line 1: 201 REDWOOD SHORES PARKWAY

Address Line 2: SUITE 200

Address Line 4: REDWOOD CITY, CALIFORNIA 94065

ATTORNEY DOCKET NUMBER:	ALKA-008 & ALKA-008WO
NAME OF SUBMITTER:	BRET E. FIELD
SIGNATURE:	/Bret E. Field, Reg. No. 37,620/
DATE SIGNED:	01/28/2019

505299449 REEL: 048157 FRAME: 0114

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Total Attachments: 2

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PATENT REEL: 048157 FRAME: 0115

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ALKA-008 & ALKA-008WO

THIS ASSIGNMENT, by David Bell, Ian Gallager, Steven P. Braithwaite, S. Sakura Minami, Vu Dang, Joe McCracken, and Karoly Nikolich, residing in Dublin, Ireland. Half Moon Bay, California, Redwood City, California, San Francisco, California, San Mateo, California, Hillsborough, California, and Emerald Hills, California (hereinafter referred to as the assignors), respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Blood Plasma Fractions as a Treatment for Aging-Associated Cognitive Disorders"

X filed on April 27, 2017. as U.S. Application No. 15/499,694 and PCT Application No. PCT/US2017/029953.

WHEREAS, **Alkahest, Inc.**, a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 75 Shoreway Road, Suite D. San Carlos, California 94070 (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents. United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date	Name of Inventor
Date 5/1/17	Bell, David Name of Inventor
Date 5/1/17	Name of Inventor Braithwaite Steven P.

ASSIGNMENT	OF	APPLICA	TION	COINT
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Atty Docket No. ALKA-008 & ALKA-008 WO

Date5/01/17	Name of Inventor
ž s	Minami, S. Sakura
Date 5/5/17	Name of Inventor
Æ5.	Dang, Vu
Date 5/01/17	Name of Inventor McCracken, Joe
Date 5/2/17	Name of Inventor
	Nikolich, Kaduly
Hereby accepted on behalf of the a	ssignee
· <u></u>	
Signature	
Date	Name (print)
Til	
Title and Company	

PATENT REEL: 048157 FRAME: 0117

RECORDED: 01/28/2019