505626537 08/16/2019

EPAS ID: PAT5673341

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
KEITH N. HAFFER	08/22/2014

RECEIVING PARTY DATA

Name:	BRAASCH BIOTECH LLC
Street Address:	420 ROSE AVENUE
City:	GARRETSON
State/Country:	SOUTH DAKOTA
Postal Code:	57030-0430

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14831602

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: 612.332.5300

Email: adoyle@merchantgould.com
Correspondent Name: MERCHANT & GOULD P.C.
Address Line 1: 150 SOUTH FIFTH STREET

Address Line 2: SUITE 2200

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 40830.0008USU1

NAME OF SUBMITTER: HEATHER B. KROONA

SIGNATURE: /Heather B. Kroona/

DATE SIGNED: 08/16/2019

Total Attachments: 2

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PATENT 505626537 REEL: 050079 FRAME: 0460

ASSIGNMENT

WHEREAS, I, Keith N. Haffer, residing at 421 Rose Avenue, Garretson, South Dakota 57030-0430, made certain new and useful inventions and improvements for which I filed an application with the United States Patent and Trademark Office on August 21, 2014, application Serial No. 62/039,977 which is entitled METHODS FOR IMPROVING IMMUNOLOGICAL RESPONSE IN VACCINATED ANIMALS.

AND WHEREAS, Braasch Biotech LLC, a limited liability company organized and existing under and by virtue of the laws of the State of South Dakota, and having an office and place of business at 421 Rose Avenue, Garretson, South Dakota 57030-0430 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignce as the assignee of the entire right, title and interest in and to the same, for the use of the Assignce, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing

PATENT REEL: 050079 FRAME: 0461 including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of

STATE OF South Dakota)
COUNTY OF Minnehala)

On this <u>12nd</u> day of <u>August</u>, 20<u>14</u>, before me personally appeared Keith N. Haffer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Y A. CARLSON J. Allany A Carlson.
Notary Public A Carlson.
Notary Public A Carlson.

My Commission Expires May 13, 2615

PATENT