505247087 12/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5293866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MORDECHAI HAREL	12/19/2018
ROGER DREWES	12/18/2018
BRIAN CARPENTER	12/18/2018
ELENA ARTIMOVICH	12/18/2018

RECEIVING PARTY DATA

Name:	ADVANCED BIONUTRITION CORP.		
Street Address:	7155 COLUMBIA GATEWAY DRIVE		
Internal Address:	SUITE H		
City:	COLUMBIA		
State/Country:	MARYLAND		
Postal Code:	21046		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16227075

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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: 6104070700

Email: maclemons@ratnerprestia.com

Correspondent Name: RATNERPRESTIA

Address Line 1: 2200 RENAISSANCE BOULEVARD

Address Line 2: SUITE 350

Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	ABN-107US1	
NAME OF SUBMITTER: LING ZHONG, REG. NO. 48,290		
SIGNATURE:	/Ling Zhong/	
DATE SIGNED:	12/20/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 047829 FRAME: 0980 505247087

Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

PATENT REEL: 047829 FRAME: 0981

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docke	et Number: ABN-107US1	
Whereas, the Assignor, comprising the following named inventors:					
1. Mo		dechai HAREL	2.	Roger DREWES	
ASSIGNOR(s)/ INVENTOR(s)	3. Bria	3. Brian CARPENTER		Elena ARTIMOVICH	
	5.	5.			
made an invention entitled: STABLE DRY POWDER COMPOSITION COMPRISING BIOLOGICALLY ACTIVE MICROORGANISMS AND/OR BIOACTIVE MATERIALS AND METHODS OF MAKING					
for which an application for Letters Patent of the United States (the Application): (Select one of the following):					
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:					
ASSIGNEE (Full Name and Address) ADVANCED BIONUTRITION CORP. 7155 Columbia Gateway Drive, Suite H Columbia, MD 21046					

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. Assignor also agrees that it will not engage, participate, or take part in any action conflicting with this Assignment, including but not limited to challenging the validity or patentability or enforceability of any patent rights relating to this invention or assisting others with such a challenge.

If any provision in this Assignment is held invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

PATENT Page 1 of 2

REEL: 047829 FR/AM/E2/70982

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABN-107US1

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

		Typed or Printed	d Name	Signature	•	Date
	1.	Mordechai HAI	REL	406 49	-	12/19/18
				* Witness / Ulevan	M	12/19/18
	2.	Roger DREWE	S		_	
		Additional and a second and an about a good and are the	anaga galista transporta por transporta de la constanta de la	* Witness		
	3.	Brian CARPEN	TER		·	·
SIGNATURE		**************************************	·	* Witness		
	4.	Elena ARTIMO	VICH			
				* Witness		ti anno a seguino a na acelega e e e e e e e e e e e e e e e e e e
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			yay aa sa aa sa saasa saayayahahahahahahahahah	* Witness		
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		***************************************		* Witness		
**Assignee						
Signature						acarata composito de la compos
		ie		*****		and the state of t
Date						
***************************************						1
Application for U	nited S	States Letters Pat	ent:			
Serial No.:			16/227,07			
iled:				<u>r 20, 2018</u>		
Attorney Docket			ABN-107)		
Cotal Number o	of Ass	ignment Pages		I:		ndatory for some countries
				**Assignee signature recom	imended, mai	ndatory for some countries

Page 2 of 2 Modified 2/7/18

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docket	Number: ABN-107US1
Whereas, the Assign	nor, comp	rising the following named inventors:		
1. Mor		dechai HAREL	2.	Roger DREWES
ASSIGNOR(s)/ INVENTOR(s)	3. Bria	n CARPENTER	4.	Elena ARTIMOVICH
	5.			
made an invention e	entitled:			OMPRISING BIOLOGICALLY ACTIVE MATERIALS AND METHODS OF MAKING
for which an applica (Select one of the fo		tters Patent of the United States (the A	pplication)):
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:				
ASSIGNEE (Full Name and Address) ADVANCED BIONUTRITION CORP. 7155 Columbia Gateway Drive, Suite H Columbia, MD 21046				

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

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If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

PATENT Page 1 of 2
REEL: 047829 FR/AME2/70984

COMBINE® DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABN-107US1

Declaration:

Note to inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an each or declaration for an application unless that person has reviewed and understands the contents of the application, including the delims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below parted inventor, I declare that the Application was made or suffortund to be made by me.

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I hereby acknowledge that any willful felice statement made in this declaration is punisheble under 16 U.S.C. 1001 by fine or imprisonstruct of not more than five (5) years, or both.

	Typod or Printe	d Name	Signature	Date
	1. Mordechi HAF	EL.		
SIGNATURE	2. Roger DREWE	*	Viness Viness	12/18/18
	3. Brian CARPE	ITER		
	4. Elena ARTIMO	VICH		
	8 .	***************************************		

**Assignae Signeture Typed or printer Tale Cots	I nome			
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Application for Ur	ridad States Letters Pet	ent:		
Serial No.:		16/227,0	<u>75</u>	- Action of the Control of the Contr
December 20, 2018		er 20, 2018	Services Services	
Allomey Dockel I	Vumber:	ABN-1071	JS1	
Total Number o	f Assignment Pages		* Witness signature recommended, no **Assignes explature recommended, no	\$
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Page 2 of 2 Modified 2/7/18

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docke	t Number: ABN-107US1
Whereas, the Assignor, comprising the following named inventors:				
ACCIONOD(-)/	1. Mor	rdechai HAREL		Roger DREWES
ASSIGNOR(s)/ INVENTOR(s)	3. Bria	n CARPENTER	4.	Elena ARTIMOVICH
	5.	5.		
made an invention entitled: STABLE DRY POWDER COMPOSITION COMPRISING BIOLOGICALLY ACTIVE MICROORGANISMS AND/OR BIOACTIVE MATERIALS AND METHODS OF MAKING				
for which an application for Letters Patent of the United States (the Application): (Select one of the following):				
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:				
ASSIGNEE (Full Name and Address) ADVANCED BIONUTRITION CORP. 7155 Columbia Gateway Drive, Suite H Columbia, MD 21046				

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PATENT Page 1 of 2

REEL: 047829 FRAME: 70986

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABN-107US1 PA 93/94

Declaration:

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	Typed or Printe	d Name	Signature	Date
	1. Mordechi HAR	•	Mades Holly Ling Maronly * Witness	12/18/18
	2. Roger DREWE			
SIGNATURE	3. Brian CARPEN	TER S	* Witness Ling Merochy * Witness	12/18/18
	4. Elena ARTIMO	VICH _	· 	
		i dalaman na managan da katangan da ka	* Witness	
	5.	· 		
		·	* Witness	
	6.			-
:			* Witness	
**Assignee				
Signature Typed or printed Titte	i name			
Date				
Application for Un	nited States Letters Pat	ent:		
Serial No.:		16/227,075		:
Filed:		December 20	<u>, 2018</u>	
Attorney Docket N	Number:	ABN-107US1		
Fotal Number of	f Assignment Pages		* Witness signature recommended, n **Assignee signature recommended, n	

COMBINED D	ECLARATION/ASSIGNMENT - Patent Application	Docket Number: ABN-107US1		
Whereas, the Assignor, comprising the following named inventors:				
ACCIONOD (A)	1. Mordechai HAREL	2. Roger DREWES		
ASSIGNOR(s)/ INVENTOR(s)	3. Brian CARPENTER	4. Elena ARTIMOVICH		
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PATENT Page 1 of 2
REEL: 047829 FR/AN/E2/70988

COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number: ABN-107US1

Declaration:

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	,	Typed or Printed N	ame	Signature		Date
	1,	Mordechi HAREL				
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	ļ			* Witness		
	2.	Roger DREWES				•
				* Witness		
	3.	Brian CARPENTE	R			
SIGNATURE			***************************************	* Witness		The contract of the Contract o
	4.	Elena ARTIMOVIC	:H	11/4/10		12/10/18
		A. L. Colonia		* Witness Williams		12/18/18
	5.			/		·
				* Witness		
	6.					
				* Witness		
,						
**Assignee						
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	ited St	tates Letters Patent:				,
Serial No.: <u>16/227,07</u>						
			<u>r 20, 2018</u>			
Attorney Docket Number: ABN-107L Total Number of Assignment Pages			* Witness signature recomme	nded men	datany far same asymtiss	
			**Assignee signature recomme		,	

Page 2 of 2
Modified 2/7/18
PATENT

REEL: 047829 FRAME: 0989