

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4930670

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEERT BRUGGEMAN	02/15/2018
ERIK BRUININX	02/26/2018
MARCO VAN DEN BERG	03/08/2018
PAULUS DE VOS	02/15/2018
NEHA MOHAN SAHASRABUDHE	02/21/2018
ANTONIUS JOHANNES WILLIBRORDUS SCHEURINK	03/07/2018
HENDRIK ARIE SCHOLS	02/14/2018
JAN SCHOLTE	03/18/2018
LINGMIN TIAN	03/01/2018

RECEIVING PARTY DATA

Name:	NUTRITION SCIENCES N.V.
Street Address:	BOOIEBOS 5
City:	DROGEN
State/Country:	BELGIUM
Postal Code:	9031
Name:	ROYAL AGRIFIRM GROUP B.V.
Street Address:	LANGOEDLAAN 20
City:	APELDOORN
State/Country:	NETHERLANDS
Postal Code:	7325 AW

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15743627

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 9497600404

Email: efilings@knobbe.com

Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET
Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	BAP060.003APC
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NAME OF SUBMITTER:	DANIEL E. ALTMAN
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SIGNATURE:	/daniel altman/
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DATE SIGNED:	04/24/2018
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Total Attachments: 9

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ASSIGNMENT

WHEREAS, Geert Bruggeman, residing at Brugge Belgium, Erik Bruininx, residing at Apeldoorn NL, Marco Van Den Berg, residing at Delft NL, Paulus De Vos, residing at Groningen NL, Neha Mohan Sahasrabudhe, residing at Groningen NL, Antonius Johannes Willibrordus Scheurink, residing at Groningen NL, Hendrik Arie Schols, residing at Wageningen NL, Jan Scholte, residing at Peize NL, Lingmin Tian, residing at Wageningen NL, (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to PECTINS IMPROVING ENERGY REDISTRIBUTION IN ANIMALS (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, **Nutrition Sciences N.V.** having its address at Booiebos 5, Drogen BE 9031 and **Royal Agrifirm Group B.V.**, having its address at Langoedlaan 20, 7325 AW Apeldoorn NL; (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s)., filed (respectively if plural applications)), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Application No.: 15/743627
Filing Date: January 10, 2018

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Legal Name of inventor: Geert Bruggeman

Inventor Signature:  Date: 15-2-2018

Witnessed by: 

Witness Name (printed): S. TANGHE

Legal Name of inventor: Erik Bruininx

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

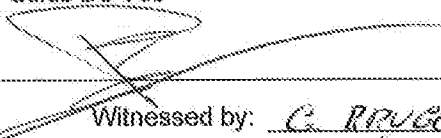
Legal Name of inventor: Marco Van Den Berg

Inventor Signature: _____ Date: _____

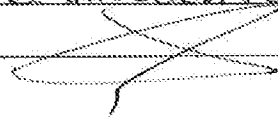
Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Paulus De Vos

Inventor Signature:  Date: 15-2-'18

Witnessed by: G. BRUGGEMAN

Witness Name (printed): 

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Filing Date: January 10, 2018

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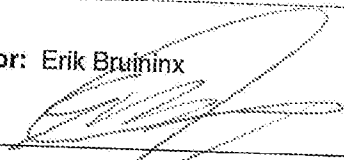
Legal Name of inventor: Geert Bruggeman

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Erik Bruininx

Inventor Signature:  Date: February 26, 2018

Witnessed by: A. Bruininx

Witness Name (printed): 

Legal Name of inventor: Marco Van Den Berg

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Paulus De Vos

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Geert Bruggeman

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Erik Bruininx

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Marco Van Den Berg

Inventor Signature: Marco van Berg Date: 08/03/2018

Witnessed by: [Signature]

Witness Name (printed): C.C. Gerhardt

Legal Name of inventor: Paulus De Vos

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Neha Mohan Sahasrabudhe

Inventor Signature:  Date: 21/2/18

Witnessed by: dr. S. J. van Vliet

Witness Name (printed): 

Legal Name of inventor: Antonius Johannes Willibrordus Scheurink

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Hendrik Arie Schols

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Jan Scholte

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Lingmin Tian

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Application No.: 15/743627
Filing Date: January 10, 2018

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Legal Name of inventor: Neha Mohan Sahasrabudhe

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Antonius Johannes Willibrordus Scheurink

Inventor Signature: _____ Date: 03-07-2018

Witnessed by: Bouke Buijals

Witness Name (printed): _____

Legal Name of inventor: Hendrik Arie Schols

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Jan Scholte

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Lingmin Tian

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

27371898

Application No.: 15/743627
Filing Date: January 10, 2018

Docket Number: BAP060.003APC
Page 3 of 3

Legal Name of inventor: Neha Mohan Sahasrabudhe

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Antonius Johannes Willibrordus Scheurink

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Hendrik Arie Schols

Inventor Signature: _____ Date: 14-02-2018

Witnessed by: C. DRUGGE-HAN

Witness Name (printed): _____

Legal Name of inventor: Jan Scholte

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Lingmin Tian

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

27371698

Application No.: 15/743627
Filing Date: January 10, 2018

Docket Number: EAP060.003APC
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Legal Name of inventor: Neha Mohan Sahasrabudhe

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Antonius Johannes Willibrordus Scheurink

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Hendrik Aris Schols

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Jan Scholte

Inventor Signature: _____ Date: 18/3/2018

Witnessed by: _____

Witness Name (printed): Fina Scholte Leys

Legal Name of inventor: Lingmin Tian

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

27371696

Application No.: 15/743627
Filing Date: January 10, 2018

Docket Number: BAP060.003APC
Page 3 of 3

Legal Name of inventor: Neha Mohan Sahasrabudhe

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Antonius Johannes Willibrordus Scheurink

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Hendrik Arie Schols

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Jan Scholte

Inventor Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of inventor: Lingmin Tian

Inventor Signature:  _____ Date: 2018-03-01

Witnessed by: YuLong Li

Witness Name (printed): YuLong Li

27371898