

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4402227

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
VALIO LTD.			11/10/2016
RECEIVING PARTY DATA			
Name:	CHR. HANSEN A/S		
Street Address:	BØGE ALLÉ 10-12		
City:	HØRSBOLM		
State/Country:	DENMARK		
Postal Code:	DK-2970		
PROPERTY NUMBERS Total: 3			
Property Type	Number		
Application Number:	14409950		
Patent Number:	8309073		
Patent Number:	8445426		
CORRESPONDENCE DATA			
Fax Number:	(703)816-4100		
<i>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.</i>			
Phone:	703-816-4000		
Email:	bnapear@nixonvan.com, PTOmail@nixonvan.com		
Correspondent Name:	NIXON & VANDERHYE P.C.		
Address Line 1:	901 NORTH GLEBE ROAD		
Address Line 2:	11TH FOOR		
Address Line 4:	ARLINGTON, VIRGINIA 22203		
ATTORNEY DOCKET NUMBER:	GPK-227-1		
NAME OF SUBMITTER:	GORDON P. KLANCNIK		
SIGNATURE:	/Gordon P. Klancnik/		
DATE SIGNED:	05/08/2017		
Total Attachments: 14			
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ASSIGNMENT OF PATENTS

WHEREAS, **Valio Ltd**, a Finnish limited liability company with Business Identity Code 0116297-6, having its principal place of business at Meijeritie 6, FI-00370 Helsinki, Finland (hereinafter called the ASSIGNOR), is the proprietor of Patent(s) and Patent Application(s) identified and listed on Appendix 1 hereto; and

WHEREAS, **Chr. Hansen A/S**, a Danish limited company with Business Identity Code 12516479, having its principal place of business at Bøge Allé 10-12, DK-2970 Hørsholm, Denmark (hereinafter called the ASSIGNEE), is desirous of acquiring the entire right, title and interest of the ASSIGNOR in and to the aforesaid Patent(s) and Patent Application(s),

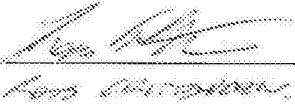
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, the ASSIGNOR hereby conveys, sells, assigns and transfers to the ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the aforesaid Patent(s) and Patent Application(s) and any divisions, continuations, continuations-in-part, requests for continuing examinations, renewals, reissues, reexaminations, patent cooperation treaty equivalents and foreign counterparts and extensions thereof, including all emoluments, advantages, profits and benefits accruing or belonging thereto, and all patents or patent applications to which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly claims priority or for which any of the aforesaid Patent(s) and Patent Application(s) directly or indirectly forms a basis for priority.

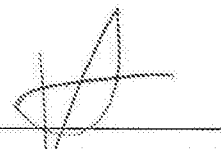
The ASSIGNOR hereby further covenants and agrees that it will communicate to the ASSIGNEE any and all facts known to it respecting the aforesaid Patent(s) and Patent Application(s), and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any of the aforesaid Patent(s) and Patent Application(s), execute all divisions, continuations, reexaminations, reissues, substitutes and other required applications, and make all rightful oaths and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said Patent(s) and Patent Application(s) in all countries.

The ASSIGNOR consents to the ASSIGNEE'S proceeding with the aforesaid Patent Application(s), if any, in its own name in substitution of the ASSIGNOR and the said ASSIGNOR agrees to do all that may be required to put the foregoing into effect.

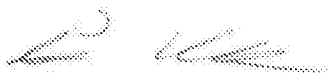
IN WITNESS WHEREOF, the said ASSIGNOR has executed this document on this 10th day of November, 2016.

Valio Ltd

By: 
Tommi Oksanen

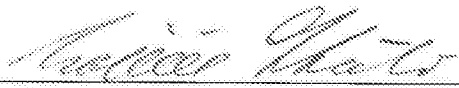

Thomas Salusjarvi

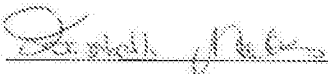
#10861589v1

Attest: 
Ron Hook

IN WITNESS WHEREOF, the said ASSIGNEE has executed this document on
this 17th day of November, 2016.

Chr. Hansen A/S

By: 
LOUISE STUTTER, LEGAL COUNSEL

Attest: 

#10861588V1

APPENDIX 7.4.1 (E)
THE PATENT RIGHTS ASSIGNMENT CERTIFICATE

APPENDIX 1

1. The following information and data pertains to the (Pat. Spec. 2009)						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Australia	02.02.2010	AU2010209584	-	Granted		Copy of signed Assignment
Canada	2.2.2010	CA2750576	-			Copy of signed Assignment
Republic of Korea	2.2.2010	KR10-2011-7020625	-			a) Notarized copy of signed Assignment b) Original Assignor's Certificate of Corporation signed by the representatives of the Assignor who signed the Assignment and notarized by the <u>Notary Public</u> c) Original Power of Attorney signed by the representatives of the Assignor who signed the Assignment d) Original Power of Attorney signed by the representatives of the Assignee who signed the Assignment

APPENDIX 7.4.1 (E)
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COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Israel	2.2.2010	IL214375	-			Notarized copy of signed Assignment Original Power of Attorney signed by Assignee
India	2.2.2010	IN1498/MUMNP/2011	-			Notarized copy of signed Assignment Original Power of Attorney signed by Assignee
China	2.2.2010	201080006238	CN 102317311	Granted		Notarized copy of signed Assignment Original Power of Attorney signed by Assignee
EPO	2.2.2010	10703916.6	EP2391641 validated in DE, GB, FR, NL, SE, DK, BE, IT, CH, AT	Registered		DE, GB, FR, DK: Copy of signed Assignment NL: Notarized copy of signed Assignment SE: Certified copy of signed Assignment, original Power of Attorney signed by Assignee BE: Copy of signed Assignment, original Power of Attorney signed by Assignee

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COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Japan	2.2.2010	2011-546898	JP5792073	Granted		IT: Notarized copy of signed Assignment legalized by Apostille, original Power of Attorney signed by Assignee
						CH: Copy of signed Assignment, copy of Power of Attorney signed by Assignee
						AT: Notarized copy of signed Assignment, original Power of Attorney signed by Assignee
Russian Federation	2.2.2010		RU 2011136454	Granted		Notarized copy of signed Assignment
						Original Power of Attorney signed by Assignor
						Original Power of Attorney signed by Assignee
						Notarized copy of signed Assignment
						Original Power of Attorney signed by Assignor
						Original Power of Attorney signed by Assignee

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COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
South Africa	28.7.2011		ZA 2011/05579	Granted		Notarized copy of signed Assignment
Title: Novel peptides and methods for producing them						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Finland	2.2.2009	20090031	FI 122200	Granted	Priority application	Copy of signed Assignment Copy of Power of Attorney signed by Assignee
United States of America	2.2.2009	12/364 128	US 8445426	Granted	Priority application	Copy of signed Assignment

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Title: Novel use of probiotics (invention) (2009)						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
EPO	12.5.2010	10726918.5 EP2429555		Registered		Copy of signed Assignment
Republic of Korea		KR 10-2011-7029742 KR 10-2012-0016647				a) Notarized copy of signed Assignment b) Original Assignor's Certificate of Corporation signed by the representatives of the Assignor who signed the Assignment and notarized by the Notary Public c) Original Power of Attorney signed by the representatives of the Assignor who signed the Assignment d) Original Power of Attorney signed by the representatives of the Assignee who signed the Assignment
United States of America	12.5.2010	13/319,458 US2012134973				Copy of signed Assignment
Finland	12.5.2009	20095529	FI123157	Granted		Copy of signed Assignment Copy of Power of Attorney

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COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
						signed by Assignee

Title: Combination of probiotics II (GCPus/20011)

COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
EPO	17.01.2002	02710896.8 EP1359816	EP1359816 validated in AT, BE, CH, DE, DK, ES, FR, GB, IE, IT, LT, LV, NL, PT, SE and TR	Registered		DE, GB, FR, DK: Copy of signed Assignment IE: Certified copy of signed Assignment NL, PT: Notarized copy of signed Assignment SE: Certified copy of signed Assignment, original Power of Attorney signed by Assignee BE: Copy of signed Assignment, original Power of Attorney signed by Assignee ES, IT, TR: Notarized copy of signed Assignment legalized by Apostille, original Power of Attorney signed by Assignee CH: Copy of signed Assignment, copy of Power of Attorney signed by Assignee

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					AT, LT, LV: Notarized copy of signed Assignment, original Power of Attorney signed by Assignee
Finland	25.1.2001	20010157	FI109602	Granted	Copy of signed Assignment Copy of Power of Attorney signed by Assignee
Australia	17.1.2002	2002229787	AU2002229787	Granted	Copy of signed Assignment
China			CNZL02804117.8	Granted	Notarized copy of signed Assignment Original Power of Attorney signed by Assignee
Hungary	17.1.2002	P0401017	HU225790	Granted	Copy of signed Assignment Original Power of Attorney signed by Assignee
Japan			JP3984546	Granted	Notarized copy of signed Assignment Original Power of Attorney signed by Assignor Original Power of Attorney signed by Assignee
Norway	17.1.2002	20033283	NO325463	Granted	Copy of signed Assignment Copy of Power of Attorney

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Russian Federation	17.1.2002	2003125858/13	RU2291899	Granted	signed by Assignee
					Notarized copy of signed Assignment
					Original Power of Attorney signed by Assignor
Canada					Original Power of Attorney signed by Assignee
		2434337	CA2434337	Granted	Copy of signed Assignment
					Copy of signed Assignment
Estonia	17.1.2002	200300351	EE05299	Granted	Original Power of Attorney signed by Assignee
		05299			
Poland	17.1.2002	363366	PL204245	Granted	Notarized copy of signed Assignment
					Original Power of Attorney signed by Assignee
United States of America	17.1.2002	10/470,151	US8309073	Granted	Copy of signed Assignment
Brazil	17.1.2002	BR0206689	BR0206689	Granted	Notarized copy of signed Assignment legalized by Apostille
					Original Power of Attorney signed by Assignee

APPENDIX 7.4.1 (E)
THE PATENT RIGHTS ASSIGNMENT CERTIFICATE

South Africa	17.1.2002	2003/5458	ZA 2003/5458	Granted	Notarized copy of signed Assignment
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Title: Novel use of probiotics (LGGPlus2 (BS) (2008))						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Finland	5.2.2008	20085102	FI121912	Granted		Copy of signed Assignment Copy of Power of Attorney signed by Assignee
United States of America	4.2.2009	12/866 084	US8604005	Granted		Copy of signed Assignment
Russian Federation	4.2.2009	2010136972/15 0002497536	RU2497536	Granted		Notarized copy of signed Assignment Original Power of Attorney signed by Assignor Original Power of Attorney signed by Assignee
Title: Use of lactobacillus reuteri for treating inflammatory bowel syndrome						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
EPO	4.2.2009	09707320.9	EP 2252306 validated in DE, GB, FR,	Registered		DE, GB, FR: Copy of signed Assignment NL: Notarized copy of signed Assignment

APPENDIX 7.4.1 (E)
THE PATENT RIGHTS ASSIGNMENT CERTIFICATE

COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
			NL and SE			SE: Certified copy of signed Assignment, original Power of Attorney signed by Assignee

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Title: 460 aroma milk composition comprising diacetyl and uses thereof (E144), (2012)						
COUNTRY	APPLICATION DATE	APPLICATION/PUBLICATION NUMBER	PATENT NUMBER	STATUS	REMARKS	RECORDAL REQUIREMENTS
Finland	29.6.2012	FI20125755	-			Copy of signed Assignment Copy of Power of Attorney signed by Assignee
EPO	27.06.2013	13745445.0	EP2866575			Copy of signed Assignment
Russian Federation	27.6.2013	RU2015101759				Notarized copy of signed Assignment
						Original Power of Attorney signed by Assignor
						Original Power of Attorney signed by Assignee
United States of America	27.6.2013	14/409,950				Copy of signed Assignment
		US2015289531				