

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5278704

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO		10/16/2018
RECEIVING PARTY DATA		
Name:	STICHTING WAGENINGEN RESEARCH	
Street Address:	DROEVENDAALSESTEEG 4	
City:	WAGENINGEN	
State/Country:	NETHERLANDS	
Postal Code:	6708 PB	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number:	8551250	
CORRESPONDENCE DATA		
Fax Number:		
<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:	617-226-3800	
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ATTORNEY DOCKET NUMBER:	VER-222XX	
NAME OF SUBMITTER:	STANLEY M. SCHURGIN	
SIGNATURE:	/Stanley M. Schurgin/	
DATE SIGNED:	12/10/2018	
Total Attachments: 6		
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DECLARATION of ASSIGNMENT and TRANSFERRAL

The undersigned

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
Anna van Buurenplein 1
2595 DA 's-Gravenhage
The Netherlands

a research organisation organised and existing under the laws of The Netherlands, represented by
W. van der Weij, in the capacity of singly and independently authorised Manager IP & Contracting,

hereinafter indicated as ASSIGNOR

and

Stichting Wageningen Research
Droevendaalsesteeg 4
6708 PB Wageningen
The Netherlands

a research foundation organised and existing under the laws of The Netherlands, represented by
L.O. Fresco in the capacity of President Executive Board and L.A.C. Buchwaldt in the capacity of
Member Executive Board, who are jointly authorised to represent said foundation,

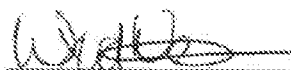
hereinafter indicated as ASSIGNEE

declare as follows concerning the patents/patent applications indicated on the attached schedule :

1. ASSIGNOR has, on the basis of purchase and by written agreement, assigned and transferred, and inasfar as necessary herewith assigns and transfers, to ASSIGNEE all its rights and obligations regarding the above-mentioned patents/patent applications and the inventions described therein, including any and all priority rights of the said patents/patent applications and and patents granted thereon in any country and including any and all divisionals and continuations thereof and patents granted thereon in any country, and including all causes of action (whether known or unknown or whether (1) previously filed in court and currently pending or (2) filed with a court in the future) and other enforcement rights under or on account of the said patents/patent applications, including, without limitation, all causes of action and other enforcement rights for:
 - (i) damages for past, current, and future infringement;
 - (ii) injunctive relief, and
 - (iii) any other remedies of any kind for past, current, and future infringement.
2. ASSIGNEE has by written agreement accepted, and inasfar as necessary herewith accepts, this assignment and transferral with all rights and obligations.
3. For this assignment and transferral, ASSIGNEE has paid to ASSIGNOR the sum of ten (10) Euros, the receipt of which is hereby acknowledged by ASSIGNOR.
4. ASSIGNOR and ASSIGNEE wish, request and authorise that this assignment and transferral are recorded in the applicable registers, and that ASSIGNEE is registered as patentee/applicant.

Thus agreed and signed on the date indicated below.

Nederlandse Organisatie voor
toegepast-natuurwetenschappelijk
onderzoek TNO



W. van der Weij

's-Gravenhage, October 16, 2010



Go Anna van Buurenplein 1,
The Hague, NL

Stichting Wageningen Research

(Signature)

L.O. Fresco

L.A.C. Buchwaldt

(City, date)

Wageningen, November 16 2010

(Signature
witness)

(Name witness)
(address witness)

P.S.A. van Helden
c/o Droevendaalsesteeg 4,
Wageningen, NL

AP606871NL01

patients/patent applications in the name of
 Nederlandse Organisatie voor toegespast-natuurwetenschappelijk onderzoek TNO;
 - assignment to Stichting Wageningen Research

case_number	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P96588AE00	Antisolvent assisted membrane distillation	04-06-2013	1333/2014			AE
P67968ATEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	E 486348	AT
P101504AU00	Formulations for the production of edible food ...	27-05-2014	2014271401	14-09-2017	2014271401	AU
P58197AU00	Adsorptief drogen	13-05-2003	2003230467	01-09-2011	2003230467	AU
P76790AU00	Heat recuperation in regenerative sorption systems	12-10-2007	2007307379	02-08-2012	2007307379	AU
P99296AU00	Hoog productief SMB-proces	12-12-2013	2013360467			AU
P58767BEEP	Method for drying finely divided substances.	23-05-2001	01934632.9	13-09-2006	1287305	BE
P67968BEEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	BE
P69266BEEP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	BE
P72408BEEP	Frituurproces met atmosferische oververhitte stoom	10-03-2006	06716648.8	18-11-2009	1876910	BE
P76790BEEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834833.5	14-05-2014	2082180	BE
P86852BEEP10	Het ontzeten en ontzuren van vruchtendranken	08-07-2011	11736189.9	03-09-2014	2592952	BE
P89262BEEP10	A multi-purpose delivery system	27-08-2010	10757298.4	27-12-2017	2470025	BE
P110241BR00	Dry starch modification	20-01-2017	BR 11 2018 014838 5			BR
P67968BR00	Recovery of fermentation products using solvent ...	01-03-2005	P1 0508300-1	23-06-2015	P1 0508300-1	BR
P76790BR00	Heat recuperation in regenerative sorption systems	12-10-2007	P1 0719274-6			BR
P89447BR00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	BR 11 2012 016024 9			BR
P101504CA00	Formulations for the production of edible food ...	27-05-2014	2.913.629			CA
P110241CA00	Dry starch modification	20-01-2017	3.012.116			CA
P76790CA00	Heat recuperation in regenerative sorption systems	12-10-2007	2.666.474	19-07-2016	2.666.474	CA
P89447CA00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	2.783.794	28-08-2018	2.783.794	CA
P98573CA00	Economisch proces functioneel eiwit uit bladeren	20-12-2013	2.896.227			CA
P59263CHEP	Edible moisture barrier	23-04-2004	04729324.6	15-04-2009	1615508	CH
P67968CHEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	CH
P110241CN00	Dry starch modification	20-01-2017	201760007756 0			CN
P100639DEEP	A method of converting thermal energy into ...	29-02-2012	12752862.8	05-10-2016	60 2012 023 769.4	DE
P58197DEEP	Adsorptief drogen	13-05-2003	03723532.2	25-01-2012	603 39 823 5	DE
P58767DEEP	Method for drying finely divided substances	23-05-2001	01934632.9	13-09-2006	60123047.7	DE
P59263DEEP	Edible moisture barrier	23-04-2004	04729324.6	15-04-2009	602004020602.4	DE
P67968DEEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	60 2005 024 522.7	DE
P69266DEEP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	DE

At. bind. (dated and initialed by assignor)

Nov 16, 2018 (dated and initialed by assignee)

PATENT

REEL: 047751 FRAME: 0268

AP606871NL01

patents/patent applications in the name of
 Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO;
 - assignment to Stichting Wageningen Research

case_number	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P72408DEEP	Frituurproces met atmosferische oververhitting stoom	10-03-2006	06716648.8	18-11-2009	60 2006 010 532.0	DE
P76790DEEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	60 2007 036 752.2	DE
P80684DEEP	Doughnut	09-03-2007	07715914.3	22-07-2015	60 2007 042 232.9	DE
P86852DEEP10	Het ontzouten en ontzuren van vruchtendranken	08-07-2011	11736189.9	03-09-2014	2592952	DE
P89262DEEP10	A multi-purpose delivery system	27-08-2010	10757298.4	27-12-2017	60 2010 047 663.4	DE
P99341DEEP10	New process for improved accessibility of healthy ...	26-09-2013	13774245.8	27-07-2016	60 2013 009 939.1	DE
P67968DKEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	DK
P76790DKEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	2082180	DK
P101504EP10	Formulations for the production of edible food...	27-05-2014	14729467.2			EP
P103307EP10	Method for the production of edible 3D objects ...	02-02-2015	15704858.8			EP
P107688EP10	Sugar replacement system	22-04-2016	16731371.7			EP
P109624EP00	Selective laser sintering of food products	26-11-2015	15834677.5			EP
P110241EP10	Dry starch modification	20-01-2017	17704099.5			EP
P116662EP00	Electrochemical reduction of Levulinic...	10-11-2017	17201143.9			EP
P72383EP10	Sugar recovery	16-02-2006	06716624.9			EP
P78020EP10	Products from lignocellulosic biomass	10-10-2007	07834630.1			EP
P89262EP10	A multi-purpose delivery system	10-10-2007	10757298.4	27-12-2017	2470025	EP
P89447EP10	Ontsluiten lignocellulose met oververhitting stoom	27-08-2010	10798641.6			EP
P92137EP10	Osmotic membrane distillation crystallization (OMDC)	10-12-2010	11808382.3			EP
P96588EP10	Antisolvent assisted membrane distillation	15-12-2011	13732646.8			EP
P96595EP10	Carbohydrate fiber I	04-06-2013	13729503.6			EP
P98573EP10	Economisch proces functioneel eiwit uit bladeren	21-05-2013	13818515.2			EP
P99296EP10	Hoog productief SMB-proces	20-12-2013	13812193.4			EP
P72408ESEP	Frituurproces met atmosferische oververhitting stoom	12-12-2013	06716648.8	18-11-2009	1876910	ES
P76790ESEP10	Heat recuperation in regenerative sorption systems	10-03-2006	07834633.5	14-05-2014	2082180	ES
P80684ESEP	Doughnut	12-10-2007	07715914.3	22-07-2015	2007207	ES
P67968FIEP	Recovery of fermentation products using solvent ...	09-03-2007	05710919.1	03-11-2010	1720992	FI
P100639FREP	A method of converting thermal energy into ...	01-03-2005	12752862.8	05-10-2016	2681444	FR
P58197FREP	Adsorptief drogen	29-02-2012	03723532.2	25-01-2012	1503854	FR
P58767FREP	Method for drying finely divided substances	13-05-2003	01934632.9	13-09-2006	1287305	FR
P59263FREP	Edible moisture barrier	23-05-2001	04729324.6	15-04-2009	1615508	FR
		23-04-2004				

Oct 16 2017 (dated and initialed by assignor)

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PATENT

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case_number	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P67968FFRP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	FR
P69266FFRP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	FR
P72408FFRP	Frituurproces met atmosferische oververhitte stoom	10-03-2006	06716648.8	18-11-2009	1876910	FR
P76790FFRP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	2082180	FR
P80684FFRP	Doughnut	09-03-2007	07715914.3	22-07-2015	2007207	FR
P86852FFRP10	Het ontzotten en ontzuren van vruchtendranken	08-07-2011	11736189.9	03-09-2014	2592952	FR
P89262FFRP10	A multi-purpose delivery system	27-08-2010	10757298.4	27-12-2017	2470025	FR
P99341FFRP10	New process for improved accessibility of healthy ...	26-09-2013	13774245.8	27-07-2016	2900090	FR
P100639GBEP	A method of converting thermal energy into ...	29-02-2012	12752862.8	05-10-2016	2681444	GB
P58197GBEP	Adsorptief drogen	13-05-2003	03723532.2	25-01-2012	1503854	GB
P58767GBEP	Method for drying finely divided substances	23-05-2001	01934632.9	13-09-2006	1287305	GB
P59263GBEP	Edible moisture barrier	23-04-2004	04729324.6	15-04-2009	1615508	GB
P67968GBEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	GB
P69266GBEP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	GB
P72408GBEP	Frituurproces met atmosferische oververhitte stoom	10-03-2006	06716648.8	18-11-2009	1876910	GB
P76790GBEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	2082180	GB
P80684GBEP	Doughnut	09-03-2007	07715914.3	22-07-2015	2007207	GB
P86852GBEP10	Het ontzotten en ontzuren van vruchtendranken	08-07-2011	11736189.9	03-09-2014	2592952	GB
P89262GBEP10	A multi-purpose delivery system	27-08-2010	10757298.4	27-12-2017	2470025	GB
P99341GBEP10	New process for improved accessibility of healthy ...	26-09-2013	13774245.8	27-07-2016	2900090	GB
P110241ID00	Dry starch modification	20-01-2017	P00201806348	02-03-2017	IDP0000044865	ID
P89447ID00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	W00201202282			ID
P99296ID00	Hoog productief SMB-proces	12-12-2013	P00201503524			ID
P72408IEEP	Frituurproces met atmosferische oververhitte stoom	10-03-2006	06716648.8	18-11-2009	1876910	IE
P76790IEEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	2082180	IE
P100639IL00	A method of converting thermal energy into ...	29-02-2012	228226	01-05-2018	228226	IL
P96588IL00	Antisolvent assisted membrane distillation	04-06-2013	236047			IL
P101504IN00	Formulations for the production of edible food...	27-05-2014	7370/CHEMP/2015			IN
P76790IN00	Heat recuperation in regenerative sorption systems	12-10-2007	2805/DELNP/2009			IN
P89447IN00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	1650/KOLNP/2012			IN
P58197ITEP	Adsorptief drogen	13-05-2003	03723532.2	25-01-2012	502012902045110	IT

Oct 16 2012 (dated and initialised by assignor)

Nov 16 2012 (dated and initialised by assignee)

AP606871NL01

patents/patent applications in the name of
 Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO;
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case_number	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P58767ITEP	Method for drying finely divided substances	23-05-2001	01934632.9	13-09-2006	502006901474574	IT
P59263ITEP	Edible moisture barrier	23-04-2004	04729324.6	15-04-2009	502003901749634	IT
P67968ITEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	502011901912423	IT
P76790ITEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	502014902287669	IT
P101504JP00	Formulations for the production of edible food...	27-05-2014	2016-516474			JP
P109624JP00	Selective laser sintering of food products	26-11-2015	2017-528134			JP
P67968JP00	Recovery of fermentation products using solvent ...	01-03-2005	2007-501734	13-01-2012	4903127	JP
P76790JP00	Heat recuperation in regenerative sorption systems	12-10-2007	2009-532315	19-07-2013	5317975	JP
P89447KR00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	10-2012-7018026	09-05-2018	10-1858220	KR
P67968LJEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	LU
P69266LJEP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	LU
P89447MY00	Ontsluiten lignocellulose met oververhitte stoom	10-12-2010	PI 200202616			MY
P100639NLEP	A method of converting thermal energy into ...	29-02-2012	12752862.8	05-10-2016	2681444	NL
P58197NL00	Adsorptief drogen	15-05-2002	1020603	18-11-2003	1020603	NL
P58197NLEP	Adsorptief drogen	13-05-2003	03723532.2	25-01-2012	1503854	NL
P58767NLEP	Method for drying finely divided substances	23-05-2001	01934632.9	13-09-2006	1287305	NL
P59263NLEP	Edible moisture barrier	23-04-2004	04729324.6	15-04-2009	1615508	NL
P67968NLEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	NL
P69266NLEP	Method and means for chemically modifying gases or fume	09-05-2005	05745520.6	24-08-2011	1758670	NL
P72408NLEP	Frikurprocees met atmosferische oververhitte stoom	10-03-2006	06716648.8	18-11-2009	1876910	NL
P76790NLEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5		2082180	NL
P80684NLEP	Doughnut	09-03-2007	07715914.3	22-07-2015	2007207	NL
P86852NLEP10	Het ontzoeien en ontzuren van vruchtendranken	08-07-2011	11736189.9	03-09-2014	2592952	NL
P89262NLEP10	A multi-purpose delivery system	27-08-2010	10757298.4	27-12-2017	2470025	NL
P99341NLEP10	New process for improved accessibility of healthy...	26-09-2013	13774245.8	27-07-2016	2900090	NL
P58197NZ00	Adsorptief drogen	13-05-2003	536881	09-11-2006	536881	NZ
P99296NZ00	Hoog productief SMB-proces	12-12-2013	709437			NZ
P96588OM00	Antisolvent assisted membrane distillation	04-06-2013	OM/P/2014/00272			OM
P111396PC00	Electrochemical production of hydrogen peroxide	23-06-2017	PCT/NL2017/050421			PC
P113495PC00	Treatment of indium and gallium containing waste	09-03-2018	PCT/NL2018/050145			PC
P116662PC00	Electrochemical reduction of Levulinic...	17-08-2018	PCT/NL2018/050545			PC

[Signature] (dated and initialed by assignor)

[Signature] (dated and initialed by assignee)

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patents/patent applications in the name of
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- assignment to Stichting Wageningen Research

case_number	case_catch_word	appl_date	appl_no	reg_date	reg_no	state_id
P76790PLEP10	Heat recuperation in regenerative sorption systems	12-10-2007	07834633.5	14-05-2014	2082180	PL
P80684PTEP	Doughnut	09-03-2007	07715914.3	22-07-2015	2007207	PT
P100639QA00	A method of converting thermal energy into ...	29-02-2012	QA/201308/00188	02-10-2016	QA/201308/00188	QA
P96588QA00	Antisolvent assisted membrane distillation	04-06-2013	QA/201412/00435			QA
P67968SEEP	Recovery of fermentation products using solvent ...	01-03-2005	05710919.1	03-11-2010	1720992	SE
P101504SG00	Formulations for the production of edible food...	27-05-2014	11201509758U			SG
P58197SG00	Adsorptief drogen	13-05-2003	203406674.2	30-11-2006	107985	SG
P69263SG00	Edible moisture barrier	23-04-2004	203507143-6	29-02-2008	117025	SG
P110241TH00	Dry starch modification	20-01-2017	1801004326			TH
P89447UA00	Ontsluiten lignocellulose met oververhitte stroom	10-12-2010	a 2012 08337	25-01-2016	110607	UA
P100639US00	A method of converting thermal energy into ...	29-02-2012	14/002,151	29-05-2018	9,981,225	US
P101504US00	Formulations for the production of edible food ...	27-05-2014	14/894,231			US
P103307US00	Method for the production of edible 3D objects...	02-02-2015	15/116,048			US
P107638US00	Sugar replacement system	22-04-2016	15/568,918			US
P109624US00	Selective laser sintering of food products	26-11-2015	15/528,609			US
P110241US00	Dry starch modification	20-01-2017	16/071,152			US
P58197US00	Adsorptief drogen	13-05-2003	10/514,494	07-06-2011	7,954,254	US
P58767US00	Method for drying finely divided substances	23-05-2001	10/296,469	17-01-2006	6,986,213	US
P67968US00	Recovery of fermentation products using solvent ...	01-03-2005	10/590,860	01-11-2011	8,048,656	US
P69266US00	Method and means for chemically modifying gases or fume	09-05-2005	11/569,465	27-09-2011	8,025,781	US
P72383US00	Sugar recovery	16-02-2006	11/884,399	08-10-2013	8,551,250	US
P72408US10	Frituurproces met atmosferische oververhitte stroom	10-03-2006	11/850,966	28-02-2012	8,124,161	US
P76790US00	Heat recuperation in regenerative sorption systems	12-10-2007	12/445,018	12-02-2013	8,372,180	US
P78020US00	Products from lignocellulosic biomass	10-10-2007	12/444,516			US
P86852US00	Heel ontzouten en ontzuren van vruchtendranken	08-07-2011	13/809,808			US
P89447US00	Ontsluiten lignocellulose met oververhitte stroom	10-12-2010	13/514,944	06-09-2016	9,435,077	US
P96595US00	Carbohydrate fiber I	21-05-2013	14/398,251	01-11-2016	9,481,739	US
P98573US00	Economisch proces functioneel eiwit uit bladeren	20-12-2013	14/654,947			US
P99296US00	Hoog productief SMR-proces	12-12-2013	14/651,593			US
P99341US00	New process for improved accessibility of healthy...	26-09-2013	14/431,288			US
P89447ZA00	Ontsluiten lignocellulose met oververhitte stroom	10-12-2010	2012/05106	27-03-2013	2012/05106	ZA

EF Oubekind (dated and initialed by assignor)

Nov 16 2018 (dated and initialed by assignee)