

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3363309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RODOLPHE BARRANGOU	01/03/2011
CHRISTOPHE FREMAUX	01/06/2011
PHILIPPE HORVATH	01/05/2011
DENNIS ROMERO	01/03/2011
PATRICK BOYAVAL	01/04/2011
RECEIVING PARTY DATA	
Name:	DUPONT NUTRITION BIOSCIENCES APS
Street Address:	LANGEBROGADE 1
City:	COPENHAGEN
State/Country:	DENMARK
Postal Code:	DK-1001
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14570994
CORRESPONDENCE DATA	
Fax Number:	(202)429-3902
<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:	2024293000
Email:	ipdocketing@steptoe.com
Correspondent Name:	HAROLD H. FOX
Address Line 1:	STEPTOE & JOHNSON LLP
Address Line 2:	1330 CONNECTICUT AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20036
ATTORNEY DOCKET NUMBER:	14923.0088D1
NAME OF SUBMITTER:	LAUREN LEE
SIGNATURE:	/Lauren Lee/
DATE SIGNED:	05/21/2015
Total Attachments: 21	

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ASSIGNMENT

For valuable consideration, we, Rodolphe Barrangou of Madison, WI; Christophe Fremaux of Poitiers, FRANCE; Philippe Horvath of Saint-Gervais-Les-3-Clochers, FRANCE; Dennis Romero of Oregon, WI and Patrick Boyaval of La Meziere, FRANCE hereby assign to: Danisco A/S, a corporation of Copenhagen, DENMARK having a place of business at Langebrogade 1, Copenhagen, DENMARK DK-1601 its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CULTURES WITH IMPROVED PHAGE RESISTANCE, filed April 15, 2010, and assigned U.S. Serial Number 12/529,421, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 3329 KALICUONE DR.,
this 3rd day of JANUARY, 2011,
Rodolphe Barrangou L.S.

City of MADISON :

Country of USA :

Signature witnessed by:
Jan 3, 2011
Date

WITNESS: Russell Cooley
Printed Name: Russell Cooley
Address: 5941 Monticello Way
Madison, WI 53719

Signature witnessed by:
Jan 3, 2011
Date

WITNESS: Eileen Ng
Printed Name: Eileen Ng
Address: 6941 Chester Dr. Unit E
Madison WI 53719

IN WITNESS WHEREOF, I hereto set my hand and seal at Dange Saint Romain
this 6th day of January, 2011
Christophe Fremaux LS

City of Dange St Romain

Country of FRANCE

Signature witnessed by:

January 2011, 6th
Date

WITNESS:

Printed Name: Isabelle CHADIMBY

Address: 5 boulevard

37000 Aulnay le Tillon

Signature witnessed by:

January 2011, 6th
Date

WITNESS:

Printed Name: Florence GUILLEMOTO

Address: 32 route de St Sauveur

26220 DYRE

IN WITNESS WHEREOF, I hereto set my hand and seal at Dange-Saint-Romain,
this 5th day of January, 2011
Philippe Horvath L.S.

City of Dange-St-Romain :

SS.

Country of France :

Signature witnessed by:

January 2011, 5th
Date

WITNESS:

Printed Name: Alice Claire Courte-Maurand

Address: 12 rue de l'Eglise
86210 La Chapelle-Moutier

Signature witnessed by:

January 2011, 5th
Date

WITNESS:

Printed Name: Florian DANGE

Address: 9 Impasse de l'Abreuvoir
37160 Buxeuil

IN WITNESS WHEREOF, I hereto set my hand and seal at 3329 AGRICULTURE DR
this 3 day of JANUARY 2011 Dennis Romero L.S.

City of MADISON :

Country of USA :

Signature witnessed by:
Jan 3, 2011
Date

WITNESS:

Printed Name:

Address:

Russell Cooker
5941 Monticello Way
Madison, WI 53719

Signature witnessed by:
Jan 3rd 2011
Date

WITNESS:

Printed Name:

Address:

Eileen Ng
6941 Chester Dr. Unit F
Madison WI 53719

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this 4 day of January, 2011

Patrick Boyaval LS

City of St. Remy
Country of France

Signature witnessed by:
January 2011, 4th
Date

WITNESS: _____
Printed Name: Alex HANOURT
Address: 7 rue Remy Dardigne
86100 MATELIERRE - FRANCE

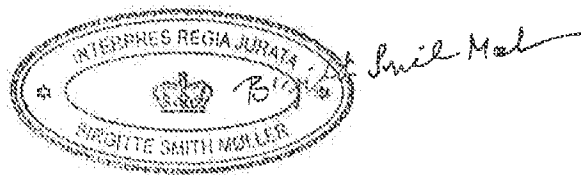
Signature witnessed by:
January 2011, 4th
Date

WITNESS: _____
Printed Name: Bettina HORNING
Address: 39 Rue Avisseau
37000 Tours

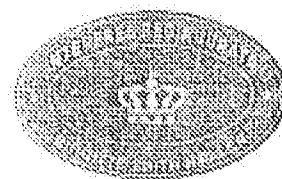
I, the undersigned Birgitte Smith Møller, authorised translator and
interpreter of the English language, hereby certify the
preceding text 'sammenskrevet resume for Dupont Nutrition Biosciences
ApS' to be a true and faithful translation of the
attached document in the Danish language.

In witness whereof I have hereunto set
my hand and affixed my seal of office
this 14th day of May 2012.

Birgitte Smith Møller
Authorised Translator and Interpreter



TRANSLATION



PATENT
REEL: 035687 FRAME: 0615

ERHVERVSSTYRELSEN

CVR No. 11350356
Transcript date: 14.05.2012
Page 1

Danish Business Authority
Kampmannsgade 1
DK-1780 Copenhagen V

COMPILED SUMMARY

NAME OF COMPANY:

DUPONT NUTRITION BIOSCIENCES Aps

Date of latest
registration:

14.05.2012

The company was established:
before the year 1900

Date of latest
Articles of
Association:

14.05.2012

Secondary names:

DANISCO Aps
GRINDSTED PRODUCTS Aps
DANISCO INGREDIENTS Aps
DANISCO SWEETENERS Aps
DANISCO CULTOR INGREDIENTS Aps
DANISCO-CULTOR Aps
DANISCO CULTOR Aps
DANISCO EMULSIFIERS Aps
DANISCO SPECIALITIES Aps
DANISCO VENTURE Aps
DANISCO FUNCTIONAL SYSTEMS Aps
DANISCO TEXTURAL INGREDIENTS Aps
DANISCO ANIMAL NUTRITION Aps
DANISCO CULTURES Aps
DANISCO GENENCOR Aps

Address of
registered office:

Langebrogade 1
postboks 17
1001 Copenhagen K
Denmark

Local authority of
registered office:

City of Copenhagen

Objects:

The objects for which the Company has been established are to carry on industrial and trading activities at home and abroad and any other activities, which may seem to the Board of Directors to be related to the above objects.

Share capital:

DKK 953,865,900.00

Board of Directors:

Nicholas Charles Fanadakis
Chairman
131 Forest Drive, Kennett Squa
Philadelphia, PA 19348
USA

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ERHVERVSSTYRELSEN

CVR No. 11350356
Transcript date: 14.05.2012
Page 2

Danish Business Authority
Kampmannsgade 1
DK-1780 Copenhagen V

COMPILED SUMMARY

NAME OF COMPANY:
DUPONT NUTRITION BIOSCIENCES Aps

Ian Hudson
Deputy Chairman
Chemin des Crêts de Champel 20
1206 Geneva
Switzerland

Patrick Stephan Schriber
Deputy Chairman
Chemin de Bénuyer 12
CH-1295 Tannay
Switzerland

Benito Cachinero-Sanchez
2027 Spruce Street
Philadelphia, PA 19103
USA

Susan Matamoros Stalneckner
11 Carriage Rd.
Greenville, DE 19807
USA

John Richard Wiley
Route de la Gare 3
1272 Genolier
Switzerland

Elected by the
employees of
the Company:

Werner Hess, Laboratory Technician
Sønder vold 121
7200 Grindsted
Denmark

Alternate: Anja Lund, Shipping Assistant
Storegade 140
6705 Esbjerg Ø
Denmark

Flemming Kristensen, Senior Shop Steward
Stenhøjvej 3
Vesterhede
7250 Højnsvig
Denmark

Alternate: Alex Andreassen, Group Manager
Sandbjergvej 12
Voldbæk
8220 Brabrand
Denmark

PJ



CVR No. 11350356
Transcript date: 14.05.2012
Page 3

Danish Business Authority
Kampmannsgade 1
DK-1780 Copenhagen V

COMPILED SUMMARY

NAME OF COMPANY:

DUPONT NUTRITION BIOSCIENCES Aps

Anne Agger Sparso, Product Service Group Manager
F B Lunds Vej 37
8660 Skanderborg
Denmark
Alternate: Peter Andreas Esbjerg Christensen
Nelliikevej 46
6000 Kolding
Denmark

Executive Board:

Craig Frank Binetti
107 E. Wynleigh Drive
Greenville, DE 19807
USA

James Compton Collins JR
15 Peale Dr.
West Chester PA, 19382
USA

Jørgen Rosenlund Nielsen, Attorney
Hovmarksvej 13
2920 Charlottenlund
Denmark

Deborah Jo Wood
40 Oxford Way
Greenville
Wilmington, DE 19807
USA

Power to bind
the Company:

The Company shall be bound by the joint signatures of
(i) the Chairman of the Board of Directors or a
Deputy Chairman together with a member of the
Executive Board or another member of the Board of
Directors, or (ii) by the joint signatures of two
members of the Executive Board, or (iii) by the joint
signatures of the entire Board of Directors.

Company auditor:

PRICEWATERHOUSECOOPERS STATS AUTORISERET
REVISIONSPARTNERSELSKAB
Strandvejen 44
2900 Hellerup
Denmark

Financial year:

01.01 - 31.12

Conversion period:

01.05.2011 - 31 December 2011

PJ



CVR No. 11350356
Transcript date: 14.05.2012
Page 4

Danish Business Authority
Kampmannsgade 1
DK-1780 Copenhagen V

COMPILED SUMMARY

NAME OF COMPANY:

DUPONT NUTRITION BIOSCIENCES ApS

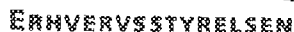
The legal entity was previously registered under
registration number A/S35.

Registration has been made.

Peter Jørgensen

PJ

DANISH DOCUMENT



Erhvervsstyrelsen
Kampmannsgade 1
1780 København V

SAMMENSKREVET RESUME

DUPONT NUTRITION BIOSCIENCES AdS

Bestyrelse: Nicholas Charles Panandakis
formand
131 Forest Drive, Kennett Squa
Philadelphia, PA 19346
USA

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ERHVERVSSTYRELSEN

CVR-NR 11350356
Udekrevet 14.05.2012
Side 2

Erhvervsstyrelsen
Kampmannsgade 1
1780 København V

SAMMENSKREVET RESUME

.....
SELSKABSNAVN:

DUPONT NUTRITION BIOSCIENCES Aps
.....

Ian Hudson
næstformand
Chemin des Crêts de Champel 28
1206 Geneva
Schweiz

Patrick Stephan Schriber
næstformand
Chemin de Bényer 12
CH-1295 Tannay
Schweiz

Benito Cachinero-Sanchez
2027 Spruce Street
Philadelphia, PA 19103
USA

Susan Matamoros Stalneckner
11 Carriage Rd.
Greenville, DE 19807
USA

John Richard Wiley
Route de la Gare 3
1372 Genolier
Schweiz

Valgt af
medarbejderne
i selskabet:

Laborant Werner Hess
Søndervold 121
7260 Grindsted
Suppleant: Shippingassistent Anja Lund
Storegade 140
6705 Esbjerg Ø

Fållestillidsrepræsentant Flemming Kristensen
Stenhøjvej 3
Vesterhede
7250 Højnavig
Suppleant: Groupmanager Alex Andreassen
Sandbjergvej 12
Voldbak
8220 Brabrand

PJ

ERHVERVSSTYRELSEN

CVR-NR 11350356
Udskrevet 14.05.2012
Side 3

Erhvervstyrelsen
Kampmannsgade 1
1780 København V

SAMMENSKREVET RESUME

SELSKABSNAVN:

DUPONT NUTRITION BIOSCIENCES ApS

Product Service Group Manager Anne Agger Sparsø
P B Lunds Vej 37
8660 Skanderborg
Suppleant: Peter Andreas Esbjerg Christensen
Nallikevej 46
6000 Kolding

Direktion: Craig Frank Binetti
107 E. Wynleigh Drive
Greenville, DE 19807
USA

James Compton Collins JR
15 Peale Dr.
West Chester PA, 19382
USA

Advokat Jørgen Rosenlund Nielsen
Hovmarksvej 13
2920 Charlottenlund

Deborah Jo Wood
40 Oxford Way
Greenville
Wilmington, DE 19807
USA

Tegningsregel: Selskabet tegnes af (i) formanden eller én af
næstformændene i forening med en direktør eller et
andet bestyrelsesmedlem, eller (ii) to direktører i
forening, eller (iii) den samlede bestyrelse.

Selskabs-
revisor: PRICEWATERHOUSECOOPERS STATS-AUTORISSET
REVISIONSPARTNERSKAB
Strandvejen 44
2900 Hellerup

Regnskabsår: 01.01 - 31.12

Omlægningsperiode: 01.05.2011 - 31.12.2011

EJ

ERHVERVSSTYRELSEN

CVR-NR 11350356
Udekrevet 14.05.2012
Side 4

Erhvervsstyrelsen
Kampmannsgade 1
1780 København V

SAMMENSKREVET RESUME

SELSKABSNAVN:

DUPONT NUTRITION BIOSCIENCES Aps

Den juridiske enhed var tidligere registreret under
registreringsnummer A/S35.

Registrering er sket.

Peter Jørgensen

PJ



ERHVERVS- OG SELSKABSTYRELSEN

CVR No. 11350356
Transcript date: 20.12.2011
Page 1

Danish Commerce and Companies Agency
Kampmannsgade 1
DK-1790 Copenhagen V
E-mail selskab@ecgs.dk

COMPILED SUMMARY

NAME OF COMPANY:

DANISCO A/S

Date of latest
registration:

20.12.2011

The company was established:
before the year 1900

Date of latest
Articles of
Association:

09.12.2011

Secondary names:

GRINDSTED PRODUCTS A/S
DANISCO INGREDIENTS A/S
DANISCO SWEETENERS A/S
DANISCO CULTOR INGREDIENTS A/S
DANISCO-CULTOR A/S
DANISCO CULTOR A/S
DANISCO EMULSIFIERS A/S
DANISCO SPECIALITIES A/S
DANISCO VENTURE A/S
DANISCO FUNCTIONAL SYSTEMS A/S
DANISCO TEXTURAL INGREDIENTS A/S
DANISCO ANIMAL NUTRITION A/S
DANISCO CULTURES A/S
DANISCO GENENCOR A/S

Address of
registered office:

Langebrogade 1
postboks 17
1001 Copenhagen K
Denmark

Local authority of
registered office:

City of Copenhagen

Objects:

The objects for which the Company has been established are to carry on industrial and trading activities at home and abroad and any other activities, which may seem to the Board of Directors to be related to the above objects.

Share capital:

DKK 953,865,900.00

Board of Directors:

Nicholas Charles Panadakis
Chairman
131 Forest Drive, Kennett Squa
Philadelphia, PA 19348
USA

LLA

ERHVERVS- OG SELSKABSTYRELSEN

CVR No. 11350356
Transcript date: 20.12.2011
Page 2

Danish Commerce and Companies Agency
Kampmannsgade 1
DK-1780 Copenhagen V
E-mail selskab@ecgc.dk

COMPILED SUMMARY

NAME OF COMPANY:
DANISCO A/S

Ian Hudson
Deputy Chairman
Chemin des Crêts de Champel 28
1206 Geneva
Switzerland

Patrick Stephan Schriber
Deputy Chairman
Chemin de Bénuyer 12
CH-1295 Tannay
Switzerland

Benito Chahinero-Sanchez
2027 Spruce Street
Philadelphia, PA 19103
USA

Susan Matamoros Stalneckar
11 Carriage Rd.
Greenville, DE 19807
USA

John Richard Wiley
Route de la Gare 3
1272 Genolier
Switzerland

Elected by the
employees of
the Company:

Werner Hess, Laboratory Technician
Sønder vold 131
7200 Grindsted
Denmark

Alternate: Anja Lund, Shipping Assistant
Storegade 140
6705 Esbjerg Ø
Denmark

Flemming Kristensen, Senior Shop Steward
Stenhøjvej 3
Vesterhede
7250 Højnavig
Denmark

Alternate: Alex Andreassen, Group Manager
Sandbjergvej 12
Voldbæk
8220 Brabrand
Denmark

LLA

ERHVERVS- OG SELSKABSTYRELSEN

CVR No. 11350356
Transcript date: 20.12.2011
Page 3

Danish Commerce and Companies Agency
Kampmannsgade 1
DK-1780 Copenhagen V
E-mail selskab@eogs.dk

COMPILED SUMMARY

NAME OF COMPANY:
DANISCO A/S

Anna Agger Sparsø, Product Service Group Manager
P B Lunds Vej 37
8660 Skanderborg
Denmark
Alternate: Peter Andreas Esbjerg Christensen
Nallikevej 46
6000 Kolding
Denmark

Executive Board: Craig Frank Binetti
107 E. Wynleigh Drive
Greenville, DE 19807
USA

James Compton Collins JR
15 Peale Dr.
West Chester PA, 19382
USA

Jørgen Rosenlund Nielsen, Attorney
Hovmarksvej 13
2920 Charlottenlund
Denmark

Deborah Jo Wood
40 Oxford Way
Greenville
Wilmington, DE 19807
USA

Power to bind
the Company:

The Company shall be bound by the joint signatures of
(i) the Chairman of the Board of Directors or a
Deputy Chairman together with a member of the
Executive Board or another member of the Board of
Directors, or (ii) by the joint signatures of two
members of the Executive Board, or (iii) by the joint
signatures of the entire Board of Directors.

Company auditor:

PRICEWATERHOUSECOOPERS STATSAUTORISERET
REVISIONSPARTNERSELSKAB
Strandvejen 44
2900 Hellerup
Denmark

Financial year: 01.01 - 31.12

Conversion period: 01.05.2011 - 31 December 2011

LLA



ERHVERVS- OG SELSKABSTYRELSEN

CVR No. 11350356
Transcript date: 20.12.2011
Page 4

Danish Commerce and Companies Agency
Kampmannsgade 1
DK-1780 Copenhagen V
E-mail selskab@ecgs.dk

COMPILED SUMMARY

NAME OF COMPANY:

DANISCO A/S

The legal entity was previously registered under
registration number A/S35.

Registration has been made.

Entry is pending.

Laila Andersen

LLA