504822325 03/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4869060

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS HANSEN	12/03/2014
MARK NORTON	12/05/2014

RECEIVING PARTY DATA

Name:	MONDELEZ UK R&D LTD.
Street Address:	P.O. BOX 12, BOURNVILLE LANE
Internal Address:	BOURNVILLE
City:	BIRMINGHAM
State/Country:	UNITED KINGDOM
Postal Code:	B30 2LU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15922361

CORRESPONDENCE DATA

Fax Number: (312)577-7007

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: 312-577-7000

Email: Idelao@fitcheven.com
Correspondent Name: JON A. BIRMINGHAM

Address Line 1: 120 SOUTH LASALLE STREET, SUITE 1600

Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	9378-142815-US		
NAME OF SUBMITTER:	JON A. BIRMINGHAM		
SIGNATURE:	/Jon A. Birmingham/		
DATE SIGNED:	03/15/2018		

Total Attachments: 8

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PATENT 504822325 REEL: 045243 FRAME: 0358

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source=142815_Assignment 1#page8.tif

DEED OF ASSIGNMENT OF PATENT APPLICATION

DATE:

03 DECEMBER 2014

PARTIES:

(1) The "Assignor":

Nicholas Hansen, a British citizen of 17 Pitmaston Close, Banbury,

Oxfordshire, OX16 1AH, United Kingdom

(2) The "Assignee":

Mondelez UK R&D Ltd. (formerly known as Kraft Foods UK R&D Ltd.) of P.O. Box

12, Bournville Lane, Bournville, Birmingham, B30 2LU, United Kingdom

BACKGROUND:

(A) the Assignor claims to be the inventor of the Invention (hereafter called "the Invention") described in the specification accompanying the applications for a patent, details of which are set out in the Schedule hereto (hereinafter called "the Scheduled Applications")

(B) the Assignor has agreed with the Assignee to assign or confirm (as the case may be) to the Assignee the Invention as set out in this agreement

OPERATIVE PROVISIONS:

- In consideration of the sum of £1 paid by the Assignee to the Assignor (receipt of which the Assignor hereby acknowledges) the Assignor hereby assigns unto the Assignee to the extent of his right, title and interest therein (if any):
 - (i) the whole of the property in the invention and all and any rights which he may have therein and the full and exclusive benefit thereof:
 - (ii) the right to apply for and obtain a patent or other forms of protection in respect of the invention in the United Kingdom and throughout the world (including the right to make a further application in respect of any part or parts of the matter contained in any earlier application pursuant to the Patents Act 1977 and any rules made or having effect thereunder):
 - (iii) the Scheduled Applications and any other existing or future application for a patent or other forms of protection in any part of the world made in respect of the invention and all rights in or under such applications;
 - (iv) any patent or other forms of protection whenever granted in respect of the invention in any part of the world together with the right to bring proceedings under Section 61 or Section 69 of the Patents Act 1977 for any previous infringement or under Section 58 of the Patents Act 1977 for any previous act.

TO HOLD the same unto the Assignee absolutely

- The Assignor hereby covenants and agrees with the Assignee as follows:-
 - (i) that he is the sole or co-inventor of the Invention;
 - (ii) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the property and rights assigned by this agreement;
 - (iii) that he has not disclosed and will not disclose the Invention or any information whatsoever concerning the same to any person firm or company other than the Assignee or as it shall direct or permit;

- (iv) that he will give to the Assignee all information in his possession or in his power relating to the Invention and the method of using or employing the same as the Assignee shall require;
- (v) that he will as and when requested by the Assignee so to do execute sign and do all such instruments applications documents acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the invention and of the property rights hereby assigned and to apply for and obtain a patent or other forms of protection in respect of the Invention throughout the world and fully and effectively to vest the same in the Assignee or as it shall direct.
- Nothing in this agreement shall prejudice such right, if any, as the Assignor may have under Section 40 of the Patents Act 1977 to make application for an award of compensation in respect of the Invention.
- 4. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns as well as any subsidiary companies of the parties hereto.
- 5. The parties will co-operate and consult with one another in good faith, if necessary in the future to carry out the intent of this agreement.
- 6. This Agreement may be executed/acknowledged in counterparts and by each of the parties on separate counterparts each of which when executed and delivered shall be deemed to be an original and both counterparts together shall constitute one and the same Agreement.
- 7. This Agreement shall be governed by and construed in accordance with the laws of England & Wales and the parties for this purpose hereby submit to the exclusive jurisdiction of the Courts of England & Wales

SCHEDULE

COUNTRY	PATENT/APPLICATION NUMBER TITLE
UNITED KINGDOM PCT	GB1218848.8 Improvement in or relating to capsules PCT/IB2013/002515 " "
EXECUTED AS A DEED,	·
By the Assignor, Nicholas Hanser) (Signatory)))
in the presence of:) (Witness)
EXECUTED AS A DEED,	(A, B, A, B,
for and on behalf of) (Signatory) Julian
Mondelez UK R&D Ltd.) Name: D. SHEARMAN Title: DIRECTIVE
in the presence of:	(Signatory) Judice Name: D. SHCHEMAN TIME: DIRECTOR (Witness) SHCHEMAN EXEC ASST Name: J. JACKSO PATENT REEL: 045243 FRAME: 0361

PA2

DEED OF ASSIGNMENT OF PATENT APPLICATION

DATE:

03 DECEMBER 2014

PARTIES:

(1) The "Assignor":

Nicholas Hansen, a British citizen of 17 Pitmaston Close, Banbury,

Oxfordshire, OX16 1AH, United Kingdom

(2) The "Assignee":

Mondelez UK R&D Ltd. (formerly known as Kraft Foods UK R&D Ltd.) of P.O. Box

12, Bournville Lane, Bournville, Birmingham, B30 2LU, United Kingdom

BACKGROUND:

(A) the Assignor claims to be the inventor of the Invention (hereafter called "the Invention") described in the specification accompanying the applications for a patent, details of which are set out in the Schedule hereto (hereinafter called "the Scheduled Applications")

(B) the Assignor has agreed with the Assignee to assign or confirm (as the case may be) to the Assignee the Invention as set out in this agreement

OPERATIVE PROVISIONS:

- In consideration of the sum of £1 paid by the Assignee to the Assignor (receipt of which the
 Assignor hereby acknowledges) the Assignor hereby assigns unto the Assignee to the extent of
 his right, title and interest therein (if any):
 - (i) the whole of the property in the invention and all and any rights which he may have therein and the full and exclusive benefit thereof;
 - (ii) the right to apply for and obtain a patent or other forms of protection in respect of the invention in the United Kingdom and throughout the world (including the right to make a further application in respect of any part or parts of the matter contained in any earlier application pursuant to the Patents Act 1977 and any rules made or having effect thereunder):
 - (iii) the Scheduled Applications and any other existing or future application for a patent or other forms of protection in any part of the world made in respect of the invention and all rights in or under such applications;
 - (iv) any patent or other forms of protection whenever granted in respect of the invention in any part of the world together with the right to bring proceedings under Section 61 or Section 69 of the Patents Act 1977 for any previous infringement or under Section 58 of the Patents Act 1977 for any previous act.

TO HOLD the same unto the Assignee absolutely

- 2. The Assignor hereby covenants and agrees with the Assignee as follows:-
 - (i) that he is the sole or co-inventor of the Invention;
 - (ii) that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the property and rights assigned by this agreement;
 - (iii) that he has not disclosed and will not disclose the Invention or any information whatsoever concerning the same to any person firm or company other than the Assignee or as it shall direct or permit;

 PATENT

REEL: 045243 FRAME: 0362

- (iv) that he will give to the Assignee all information in his possession or in his power relating to the Invention and the method of using or employing the same as the Assignee shall require;
- (v) that he will as and when requested by the Assignee so to do execute sign and do all such instruments applications documents acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the invention and of the property rights hereby assigned and to apply for and obtain a patent or other forms of protection in respect of the Invention throughout the world and fully and effectively to vest the same in the Assignee or as it shall direct.
- Nothing in this agreement shall prejudice such right, if any, as the Assignor may have under Section 40 of the Patents Act 1977 to make application for an award of compensation in respect of the Invention.
- 4. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assigns as well as any subsidiary companies of the parties hereto.
- 5. The parties will co-operate and consult with one another in good faith, if necessary in the future to carry out the intent of this agreement.
- 6. This Agreement may be executed/acknowledged in counterparts and by each of the parties on separate counterparts each of which when executed and delivered shall be deemed to be an original and both counterparts together shall constitute one and the same Agreement.
- 7. This Agreement shall be governed by and construed in accordance with the laws of England & Wales and the parties for this purpose hereby submit to the exclusive jurisdiction of the Courts of England & Wales

SCHEDULE

COUNTRY	PATENT/AF	PLICATION I	NUMBER	TITLE
UNITED KINGDOM PCT		8848.8 lmp 32013/00251		n or relating to capsules
EXECUTED AS A DEED, By the Assignor, Nicholas Hansel	n)	(Signatory)	NA	1/1
in the presence of:)))	(Witness) Name:	G.	York.
EXECUTED AS A DEED,				
for and on behalf of)	(Signatory)	***********	
Mondelez UK R&D Ltd.)	Name:		Title:
)			
in the presence of:)	(Witness) Name:		PATENT
			R	EEL: 045243 FRAME: 036

PA2

DEED OF ASSIGNMENT OF PATENT APPLICATION

DATE:

05 DECEMBER 2014

PARTIES:

(1) The "Assignor":

Mark Norton, a British citizen of 17 Lidsey Road, Banbury, Oxfordshire, OX16

0ND, United Kingdom

(2) The "Assignee":

Mondelez UK R&D Ltd. (formerly known as Kraft Foods UK R&D Ltd.) of P.O. Box

12, Bournville Lane, Bournville, Birmingham, B30 2LU, United Kingdom

BACKGROUND:

(A) the Assignor claims to be the inventor of the Invention (hereafter called "the Invention") described in the specification accompanying the applications for a patent, details of which are set out in the Schedule hereto (hereinafter called "the Scheduled Applications")

(B) the Assigner has agreed with the Assignee to assign or confirm (as the case may be) to the Assignee the Invention as set out in this agreement

OPERATIVE PROVISIONS:

- In consideration of the sum of £1 paid by the Assignee to the Assignor (receipt of which the
 Assignor hereby acknowledges) the Assignor hereby assigns unto the Assignee to the extent of
 his right, title and interest therein (if any):
 - the whole of the property in the invention and all and any rights which he may have therein and the full and exclusive benefit thereof;
 - (ii) the right to apply for and obtain a patent or other forms of protection in respect of the invention in the United Kingdom and throughout the world (including the right to make a further application in respect of any part or parts of the matter contained in any earlier application pursuant to the Patents Act 1977 and any rules made or having effect thereunder):
 - (iii) the Scheduled Applications and any other existing or future application for a patent or other forms of protection in any part of the world made in respect of the invention and all rights in or under such applications;
 - (iv) any patent or other forms of protection whenever granted in respect of the invention in any part of the world together with the right to bring proceedings under Section 61 or Section 69 of the Patents Act 1977 for any previous infringement or under Section 58 of the Patents Act 1977 for any previous act.

TO HOLD the same unto the Assignee absolutely

- The Assignor hereby covenants and agrees with the Assignee as follows:-
 - (i) that he is the sole or co-inventor of the Invention;
 - that he has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the property and rights assigned by this agreement;
 - that he has not disclosed and will not disclose the Invention or any information whatsoever concerning the same to any person firm or company other than the Assignee or as it shall direct or permit;

- (iv) that he will give to the Assignee all information in his possession or in his power relating to the Invention and the method of using or employing the same as the Assignee shall require;
- (v) that he will as and when requested by the Assignee so to do execute sign and do all such instruments applications documents acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the invention and of the property rights hereby assigned and to apply for and obtain a patent or other forms of protection in respect of the Invention throughout the world and fully and effectively to vest the same in the Assignee or as it shall direct.
- 3. Nothing in this agreement shall prejudice such right, if any, as the Assignor may have under Section 40 of the Patents Act 1977 to make application for an award of compensation in respect of the Invention.
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SCHEDULE

COUNTRY	PATENT/APPLICATION NUMBER TITLE
UNITED KINGDOM PCT	GB1218848.8 Improvement in or relating to capsules PCT/IB2013/002515 "
EXECUTED AS A DEED, By the Assignor, Mark Norton in the presence of:) (Signatory)
EXECUTED AS A DEED, for and on behalf of Mondelez UK R&D Ltd.) (Signatory)
in the presence of:) (Witness)

DEED OF ASSIGNMENT OF PATENT APPLICATION

DATE:

OF DECEMBER 2014

PARTIES:

(1) The "Assignor":

Mark Norton, a British citizen of 17 Lidsey Road, Banbury, Oxfordshire, OX16

0ND, United Kingdom

(2) The "Assignee":

Mondelez UK R&D Ltd. (formerly known as Kraft Foods UK R&D Ltd.) of P.O. Box

12, Bournville Lane, Bournville, Birmingham, B30 2LU, United Kingdom

BACKGROUND:

(A) the Assignor claims to be the inventor of the Invention (hereafter called "the Invention") described in the specification accompanying the applications for a patent, details of which are set out in the Schedule hereto (hereinafter called "the Scheduled Applications")

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 - (ii) the right to apply for and obtain a patent or other forms of protection in respect of the invention in the United Kingdom and throughout the world (including the right to make a further application in respect of any part or parts of the matter contained in any earlier application pursuant to the Patents Act 1977 and any rules made or having effect thereunder):
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 - (iv) any patent or other forms of protection whenever granted in respect of the invention in any part of the world together with the right to bring proceedings under Section 61 or Section 69 of the Patents Act 1977 for any previous Infringement or under Section 58 of the Patents Act 1977 for any previous act.

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 - (iii) that he has not disclosed and will not disclose the Invention or any information whatsoever concerning the same to any person firm or company other than the Assignee or as it shall direct or permit;

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- (v) that he will as and when requested by the Assignee so to do execute sign and do all such instruments applications documents acts and things as may be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the invention and of the property rights hereby assigned and to apply for and obtain a patent or other forms of protection in respect of the Invention throughout the world and fully and effectively to vest the same in the Assignee or as it shall direct.
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SCHEDULE

COUNTRY	PATENT/APPLICATION NUMBER TITLE
UNITED KINGDOM PCT	GB1218848.8 Improvement in or relating to capsules PCT/IB2013/002515 " "
EXECUTED AS A DEED,	
By the Assignor, Mark Norton) (Signatory)))
in the presence of:) (Witness) Name:
EXECUTED AS A DEED,	(A X
for and on behalf of) (Signatory) / //wCl-
Mondelez UK R&D Ltd.) Name: D-SULMICHAN Tille: DIRECTAL
in the presence of:) Name: D-SULMICHAN TILLE: DIRECTOR) (Witness) KJACKSON EXEC ASST

RECORDED: 03/15/2018 REEL: 045243 FRAME: 0367