504882092 04/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4928833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LANXESS INC.	02/17/2015

RECEIVING PARTY DATA

Name:	LANXESS BUTYL PTE. LTD.
Street Address:	3A INTERNATIONAL BUSINESS PARK
Internal Address:	#07-10/18, ICON @IBP TOWER B
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	609935

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15107511

CORRESPONDENCE DATA

Fax Number:

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.

Email: ipmail@lanxess.com

Correspondent Name: LANXESS CORPORATION
Address Line 1: 111 RIDC PARK WEST DRIVE

Address Line 4: PITTSBURGH, PENNSYLVANIA 15275-1112

ATTORNEY DOCKET NUMBER:	P004 01311USPCT
NAME OF SUBMITTER:	SUZANNE HORCICK
SIGNATURE:	/Suzanne Horcick/
DATE SIGNED:	04/24/2018

Total Attachments: 5

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PATENT 504882092 REEL: 045617 FRAME: 0061

WORLD-WIDE ASSIGNMENT OF INVENTION

WHEREAS, LANXESS Inc., whose full post office address is 1265 Vidal Street South, Sarnia, Ontario Canada N7T 7M2 (hereinafter "ASSIGNOR") has certain rights, title and interest in and to the inventions as described in Schedule I, herein attached on page 3:

WHEREAS, LANXESS Butyl Pte. Ltd. having a principal place of business at 3A International Business Park, #07-10/18, ICON@IBP Tower B, Singapore, 609935 (hereinafter "ASSIGNEE"), is desirous of obtaining certain rights, title and interest in, to and under said invention and applications.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) to it in hand paid. and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns: all its rights, title and interest throughout the world in and to said invention, all improvements, modifications, additions, and deletions to said invention(s); the above-identified application and all divisional, renewal, substitute, continuation, continuation-in-part and national phase applications thereof; all other applications for Letters Patent in any country throughout the world in and to said invention and improvements. modifications, additions, and deletions to said invention; all corresponding rights, title and interest in and to any Letters Patent which may issue from any of said applications in any country throughout the world and all reissues and extensions thereof; the right to claim for the same priority rights derived from said applications under any international agreements, conventions or treaties and the domestic laws of the country in which any such application is filed, as may be applicable; and the full and complete right to file applications for Letters Patent in the name of the ASSIGNEE, its designee or in ASSIGNOR'S name at the ASSIGNEE's, or its designee's election, on said invention and improvements, modifications, additions, and deletions to said inventions and on any of said applications in all countries throughout the world:

AND ASSIGNOR HEREBY agrees, without further consideration, and upon the request of the ASSIGNEE, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part applications, reissue and substitute applications for said inventions, and improvements, modifications, additions, and deletions thereto, and acknowledge and agree that all rights therein shall vest in the ASSIGNEE, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said ASSIGNEE, its successors and assigns, to the full extent of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made;

AND ASSIGNOR HEREBY agrees, without further consideration, and upon the request of the ASSIGNEE, its successors and assigns, to execute any and all documents required by the ASSIGNEE to fully and properly vest the aforementioned rights in the ASSIGNEE; to do all things which the ASSIGNEE, its successors and assigns, shall consider necessary or desirable for securing, maintaining and enforcing the rights and property specified herein above, including testifying in all legal proceedings, to communicate all facts known by ASSIGNOR relating to the inventions and the history thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents or the like Official of any country, whose duty it is to issue patents or other evidence of forms of industrial property protection on applications as aforesaid, to issue the same in and to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument:

PATENT REEL: 045617 FRAME: 0062 AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey all of its interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith; has not copied or used information that may be subject to a trade-secret owned or under the control of a third party; the present assignment is complementary to any previous assignment, if any, in favour of the ASSIGNEE;

AND in the event of disagreement between the ASSIGNOR and ASSIGNEE, this World-Wide Assignment of Invention shall be interpreted in accordance with the Laws in effect in the Province of Ontario.

The ASSIGNOR hereby grants to the ASSIGNEE, the power to insert on this assignment any further information which may be necessary or desirable in order to comply with any patent rules or regulations for recordation of this document.

SIGNED at Sarnia Canada, this II day of Faryary, 2015.
ASSIGNOR: Site Manager & President, LANXESS Inc.
I have authority to bind LANXESS Inc.
Before me, on this day of, 2015, personally appeared, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Signature of Notary Public

Name: Mark Patris

SCHEDULE I

Title	Serial No.	LANXESS Ref. No.	Filing Date
Ultra pure rubber	EP13199368.5	P004 01290-EP-EPA	2013-12-23
Ultra pure rubber	EP14160626.9	P004 01290-EP-EPA[1]	2014-03-19
Ultra pure rubber	EP14175023.2	P004 01290-EP-EPA[2]	2014-06-30
Ultra pure rubber	EP14175962.1	P004 01290-EP-EPA[3]	2014-07-07
Ultra pure rubber	PCT/CA2014/051246	P004 01290-WO-PCT	2014-12-22
Rubbers with tunable levels of metal containing anti- aggiomerants	EP13199416.2	P004 01295-EP-EPA	2013-12-23
Rubbers with tunable levels of metal containing anti- agglomerants	EP14160630.1	P004 01295-EP-EPA[1]	2014-03-19
Rubbers with tunable levels of metal containing anti- agglomerants	EP14175017.4	P004 01295-EP-EPA{2}	2014-06-30
Rubbers with tunable levels of metal containing anti- agglomerants	EP14175966.2	P004 01295-EP-EPA[3]	2014-07-07
Rubbers with tunable levels of metal containing anti- agglomerants	PCT/CA2014/051247	P004 01295-WO-PCT	2014-12-22
Novel anti-agglomerants for the rubber industry	EP13199466.7	P004 01296-EP-EPA	2013-12-23
Novel anti-agglomerants for the rubber industry	EP14160714.3	P004 01296-EP-EPA[1]	2014-03-19
Novel anti-agglomerants for the rubber industry	EP14175016.6	P004 01296-EP-EPA[2]	2014-06-30
Novel anti-agglomerants for the rubber industry	EP14175973.8	P004 01296-EP-EPA[3]	2014-07-07
Novel anti-agglomerants for the rubber industry	PCT/CA2014/051248	P004 01296-WO-PCT	2014-12-22
Highly pure halogenated rubbers	EP14160794.5	P004 01311-EP-EPA[1]	2014-03-19
Highly pure halogenated rubbers	EP14160795.2	P004 01311-EP-EPA[2]	2014-03-19
Highly pure halogenated rubbers	EP14175053.9	P004 01311-EP-EPA(3)	2014-06-30
Highly pure haiogenated rubbers	EP14175964.7	P004 01311-EP-EPA[4]	2014-07-07
Highly pure halogenated rubbers	PCT/CA2014/051250	P004 01311-WO-PCT	2014-12-22
Novel anti-agglomerants for elastomeric ethylene/alpha-olefin copolymers	EP14160718,4	P004 01312-EP-EPA[1]	2014-03-39
Novel anti-agglomerants for elastomeric ethylene/alpha- olefin copolymers	PCT/CA2014/051251	P004 01312-WO-PCT	2014-12-22

PATENT REEL: 045617 FRAME: 0064

WORLD-WIDE ASSIGNMENT OF INVENTION

ACKNOWLEDGEMENT

I, Fiona Yi Jing Wu, a duly authorised signatory of LANXESS Butyl Pte. Ltd., assignee, having a principal place of business at 3A International Business Park, #07-10/18, ICON@IBP Tower B, Singapore, 609935, do hereby acknowledge the attached World-Wide Assignment of Invention from LANXESS Inc. to LANXESS Butyl Pte. Ltd., dated February 17, 2015, regarding all rights, title and interest throughout the world to the inventions as described and claimed in the following, and to all improvements, modifications, additions, and deletions thereto.

Title	Serial No.	LANXESS Ref. No.	Filing Date
Ultra pure rubber	EP13199368.5	P004 01290-EP-EPA	2013-12-23
Ultra pure rubber	EP14160626.9	P004 01290-EP-EPA(1)	2014-03-19
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Rubbers with tunable levels of metal containing anti- aggiomerants	EP14175966.2	P004 01295-EP-EPA[3]	2014-07-07
Rubbers with tunable levels of metal containing anti- agglomerants	PCT/CA2014/051247	P004 01295-WO-PCT	2014-12-22
Novel anti-agglomerants for the rubber industry	EP13199466.7	P004 01296-EP-EPA	2013-12-23
Novel anti-agglomerants for the rubber industry	EP14160714.3	P004 01296-EP-EPA[1]	2014-03-19
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4

PATENT REEL: 045617 FRAME: 0065

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Highly pure halogenated rubbers	EP14175964.7	P004 01311-EP-EPA(4)	2014-07-07
Highly pure halogenated rubbers	PCT/CA2014/051250	P004 01311-WO-PCT	2014-12-22
Novel anti-agglomerants for elastomeric ethylene/alpha- olefin copolymers	EP14160718.4	P004 01312-EP-EPA[1]	2014-03-19
Novel anti-agglomerants for elastomeric ethylene/alpha- olefin copolymers	PCT/CA2014/051251	P004 01312-WO-PCT	2014-12-22

SIGNED at	SINGAPOR	Country	_, this	day of <i>_</i> _	Dows y	2015.
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	na Yi Jing Wu naging Director, I	ANXESS Butyl Pt	e. Ltd.			
Before ma Fione Yi who signed act and dea	f and sealed the	fth day of F , to me known a foregoing instrume	ે <u>ર્કાન્યહ્રમન્યું</u> nd known દે ent, and he i	, 2015, o me to be the acknowledged	personally app se person of that the same to be h	eared name, is free
Name:	Ignature of Notary Witness		**			
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