12/21/2018 505249153

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5295933

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUERGEN POMORIN	06/10/2018
DIETER GRAUER	06/02/2018
HARDI DOEHLER	06/18/2018
INGO SCHOENEMANN	06/04/2018
MIKE BRAND	06/04/2018

RECEIVING PARTY DATA

Name:	EVONIK DEGUSSA GMBH
Street Address:	RELLINGHAUSER STRASSE 1-11
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45128

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16312330

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 Email: mha@oblon.com **Correspondent Name:** OBLON, ET AL. 1940 DUKE STREET Address Line 1:

Address Line 4: ALEXANDRIA, VIRGINIA 22314

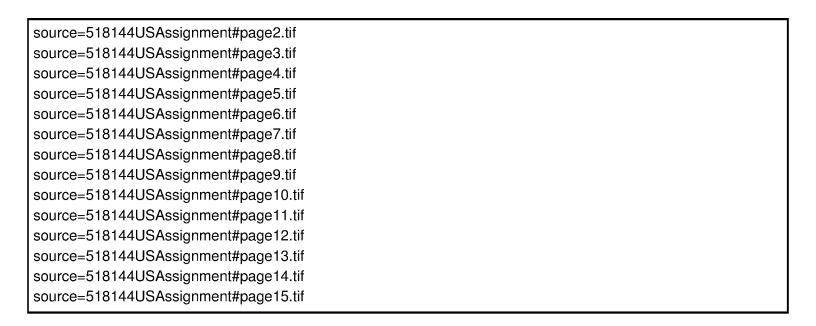
ATTORNEY DOCKET NUMBER:	518144US
NAME OF SUBMITTER:	MINJEE HA
SIGNATURE:	/MinJee Ha/
DATE SIGNED:	12/21/2018

Total Attachments: 15

source=518144USAssignment#page1.tif

PATENT REEL: 047838 FRAME: 0935

505249153



WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

PERMEATION-INHIBITING RELEASE COATING

for which an International application was filed on 07 June 2017 and was assigned the Application No. PCT/EP2017/063786; and

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 3)

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, fitle and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
<u> </u>	1. / <u>1. / </u>
	Jürgen POMORIN
	Leopold-Simon-Straße 32 45239 Essen Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Dieter GRAUER
	Ginsterweg 12 71686 Remseck Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Hardi DÖHLER
	Wintgenhof 9 45239 Essen
	Germany

(Sheet 2 of 3)

A	n .	1	NT.	
Attornev	DOC.	кет	INO.	:

IN TESTIMONY WHEREC	OF, I hereunto set my hand and seal this day of
	Ingo SCHÖNEMANN
	Knappenweg 14 45473 Mülheim an der Ruhr Germany
IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Mike BRAND
	Zollstr. 140
	45356 Essen

(Sheet 3 of 3)

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

PERMEATION-INHIBITING RELEASE COATING

for which an International application was filed on **07 June 2017** and was assigned the Application No. **PCT/EP2017/063786**; and

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 3)

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Jürgen POMORIN
	Leopold-Simon-Straße 32 45239 Essen Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Dieter GRAUER
	Ginsterweg 12 71686 Remseck Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Hardi DÖHLER
	Wintgenhof 9 45239 Essen
	Germany

(Sheet 2 of 3)

Attorney Docket No.: 2016P00097WOUS

IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Ingo SCHÖNEMANN
	Knappenweg 14 45473 Mülheim an der Ruhr Germany
IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Mike BRAND
	Zollstr. 140 45356 Essen

(Sheet 3 of 3)

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

PERMEATION-INHIBITING RELEASE COATING

for which an International application was filed on 07 June 2017 and was assigned the Application No. PCT/EP2017/063786; and

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 3)

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Jürgen POMORIN
	Leopold-Simon-Straße 32 45239 Essen Germany
IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Dieter GRAUER
	Ginsterweg 12 71686 Remseck Germany
IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Hardi DÖHLER
	Wintgenhof 9 45239 Essen Germany

(Sheet 2 of 3)

Attornore	Docket No.:	
Amorney.	DOCKELING.:	

IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Ingo SCHÖNEMANN
	Knappenweg 14 45473 Mülheim an der Ruhr Germany
IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Mike BRAND
	Zollstr. 140
	45356 Essen Germany

(Sheet 3 of 3)

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

PERMEATION-INHIBITING RELEASE COATING

for which an International application was filed on **07 June 2017** and was assigned the Application No. **PCT/EP2017/063786**; and

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 3)

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHERE	OF, I hereunto set my hand and seal this day of
	Jürgen POMORIN
	Leopold-Simon-Straße 32
	45239 Essen
	Germany
IN TESTIMONY WHERE20	OF, I hereunto set my hand and seal this day of
	Dieter GRAUER
	Ginsterweg 12
	71686 Remseck
	Germany
IN TESTIMONY WHERE	OF, I hereunto set my hand and seal this day or
	Hardi DÖHLER
	Wintgenhof 9
	45239 Essen
	Germany

(Sheet 2 of 3)

Attorney	Docket No.:
PYCIANI DAVY	

IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Ingo SCHÖNEMANN
	Knappenweg 14 45473 Mülheim an der Ruhr
	Germany
IN TESTIMONY WHEREC	Germany OF, I hereunto set my hand and seal this day of
	*
	OF, I hereunto set my hand and seal this day of
	OF, I hereunto set my hand and seal this day of

(Sheet 3 of 3)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

PERMEATION-INHIBITING RELEASE COATING

for which an International application was filed on **07 June 2017** and was assigned the Application No. **PCT/EP2017/063786**; and

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 3)

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF	, I hereunto set my hand and seal this day of
	Jürgen POMORIN
	Leopold-Simon-Straße 32 45239 Essen Germany
IN TESTIMONY WHEREOF	R, I hereunto set my hand and seal this day of
	Dieter GRAUER
	Ginsterweg 12 71686 Remseck Germany
IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Hardi DÖHLER
	Wintgenhof 9 45239 Essen
	Germany

(Sheet 2 of 3)

16.00	** 1	
Attrarre	Docket No.:	
THUM IN A	1 10 0000 0 1 10	

20	I hereunto set my hand and seal this day of
	Ingo SCHÖNEMANN
	Knappenweg 14 45473 Mülheim an der Ruhr Germany
IN TESTIMONY WHEREOF,	, I hereunto set my hand and seal this <u>4.</u> day of
	Mike BRAND
	Zollstr. 140 45356 Essen Germany

(Sheet 3 of 3)

PATENT REEL: 047838 FRAME: 0951

RECORDED: 12/21/2018