### 506092438 06/05/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6139158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
NAOFUMI YOSHIDA	05/18/2020
MEGUMI TAKAHASHI	04/07/2020
SEISHI SHIBAYAMA	04/07/2020
KATSUTO TANIGUCHI	04/08/2020
MASANOBU HAYASHI	04/08/2020
TOSHIAKI NONAKA	05/28/2020

### **RECEIVING PARTY DATA**

Name:	MERCK PATENT GMBH	
Street Address:	RANKFURTER STRASSE 250	
City:	DARMSTADT	
State/Country:	GERMANY	
Postal Code:	64293	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16768658

### **CORRESPONDENCE DATA**

Fax Number: (302)351-6938

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: 3024674200

Email: peter.kim@faegredrinker.com

**Correspondent Name:** FAEGRE DRINKER BIDDLE & REATH LLP (WM) Address Line 1: ATTN: INTELLECTUAL PROPERTY GROUP

Address Line 2: ONE LOGAN SQUARE, SUITE 2000

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103-6996

ATTORNEY DOCKET NUMBER:	216138-0048-US-601892
NAME OF SUBMITTER:	ASHLEY I. PEZZNER
SIGNATURE:	/Ashley I. Pezzner/
DATE SIGNED:	06/05/2020

# **Total Attachments: 6** source=Inventor\_AssignmentDeclarations#page1.tif source=Inventor\_AssignmentDeclarations#page2.tif source=Inventor\_AssignmentDeclarations#page3.tif

source=Inventor\_AssignmentDeclarations#page4.tif

source=Inventor\_AssignmentDeclarations#page5.tif

source=Inventor\_AssignmentDeclarations#page6.tif

DECLAR	ATION (37 CFR 1.63) FOR UTILITY OR DE APPLICATION DATA SHEET (37 CFR 1. 7			
Title of Invention	POLYSILOXANE, COMPOSITION COMPLYSING THE SAME			
As the below n	amed Inventor, I hereby declare that:			
This declaratio	n []The attached application, or			
is directed to:	[ x] United States application or PCT internal PCT/JP2018/082943 filed on November 2	ational application number 9, 2018.		
The above-ide	ntified application was made or authorized to be m	ade by me.		
I believe that I	am the original inventor or an original joint inventor	of a claimed invention in the application.		
WHEREAS, M Darmstadt, Ge	ERCK PATENT GMBH having a place of busines ermany	s at: Frankfurter Strasse 250, 64293		
is desirous of a Letters Patent	(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.				
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.				
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.				
I hereby acknowledge that any willful false statement made in this declaration Is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
LEGAL NAME	OF INVENTOR			
Inventor: Nac	ofumi YOSHIDA	Date: May (8, 2020		
Noof	umi Yoshida	•		

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT POLYSILOXANE, COMPOSITION COMPLYSING THE SAME AND CURED FILM USING Title of THE SAME Invention As the below named Inventor, I hereby declare that: [ ] The attached application, or This declaration [ x] United States application or PCT international application number is directed to: PCT/JP2018/082943 filed on November 29, 2018. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, MERCK PATENT GMBH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany (hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States. and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof. I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made. Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. I hereby acknowledge that any willful false statement made in this declaration Is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR Apr 7. 2020 Date: Inventor: Megumi TAKAHASHI Megumi Takahashi

Signature:

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of Invention POLYSILOXANE, COMPOSITION COMPLYSING THE SAME AND CURED FILM USING

THE SAME

As the below named Inventor, I hereby declare that:

This declaration

[ ] The attached application, or

is directed to:

[ x] United States application or PCT international application number

PCT/JP2018/082943 filed on November 29, 2018.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, MERCK PATENT GMBH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany

(hereinafter referred to as "ASSIGNEE(S)")

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL N	AME OF INVENTOR					
Inventor:	Seishi SHIBAYAMA	Date	Apr	7.	2020	

Signature:

Seishi Shibayama

DECLAR	ATION (37 CFR 1.63) FOR UTILITY OR DE APPLICATION DATA SHEET (37 CFR 1. 7	
Title of Invention	POLYSILOXANE, COMPOSITION COMPLYSING THE SAME	
As the below r	amed Inventor, I hereby declare that:	
This declaratio	n []The attached application, or	
is directed to: [ x] United States application or PCT international application number PCT/JP2018/082943 filed on November 29, 2018.		ational application number 9, 2018.
The above-ide	ntified application was made or authorized to be m	ade by me.
I believe that I	am the original inventor or an original joint inventor	of a claimed invention in the application.
WHEREAS, M Darmstadt, Ge	IERCK PATENT GMBH having a place of busines ermany	s at: Frankfurter Strasse 250, 64293
is desirous of Letters Patent	ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and t that may be granted therefore in the United St foreign countries;	o said invention and in and to any ates and its territorial possessions and
hereby acknown exclusive right countries (include relevant Interestitle and interestitle and its territory	EREFORE, for good and valuable consideration wledged, I, by these presents do assign and trans to the said invention in the United States and its uding the right to claim priority under the terms of national Treaties and Arrangements from the afost in and to any and all Letters Patent which may ial possessions and in any and all foreign count nuations, substitutions and renewals thereof.	fer unto said ASSIGNEE(S), the full and territorial possessions and in all foreign the International Convention and other resaid application) and the entire right, be granted therefor in the United States
possessions a to said ASSIC the sole use the term for w	outhorize and request the Patent Office Officials and any and all foreign countries to issue any and a NEE(S) as the assignee of my entire right, title and behoof of said ASSIGNEE(S), its (his) such thich said Letters Patent may be granted, as full me had this Assignment and sale not been made	all of said Letters Patent, when granted, a and interest in and to the same, for coessors and assigns, to the full end of y and entirely as the same would have
known to me rexecute all dissignment parake all right	agree that I will communicate to said ASSIGNEE especting said invention, and testify in any leg visional, continuation, substitute, renewal and reiapers to cause any and all of said Letters Pater ltful oaths, and, generally do everything possind assigns, to obtain and enforce proper protectial possessions and in any and all foreign countries	pal proceeding, sign all lawful papers, ssue applications, execute all necessary In to be issued to said ASSIGNEE(S), ble to aid said ASSIGNEE(S), its (his) on for said invention in the United States
I hereby a 18 U,S.C. 100	cknowledge that any willful false statement made of by fine or imprisonment of not more than five (5)	e in this declaration Is punishable under years, or both.
LEGAL NAME	OF INVENTOR	
Inventor: Ka	suto TANIGUCHI	Date: April, 8, 2020
12	atsuto Taniguchi	

Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT					
Title of Invention	POLYSILOXANE, COMPOSITION COMPLYSING THE SAME				
As the below n	amed Inventor, I hereby declare that:				
This declaratio	n []The attached application, or				
is directed to:	is directed to: [x] United States application or PCT international application number PCT/JP2018/082943 filed on November 29, 2018.				
The above-ide	ntified application was made or authorized to be m	ade by me.			
I believe that I	am the original inventor or an original joint inventor	of a claimed invention in the application.			
WHEREAS, M Darmstadt, Ge	ERCK PATENT GMBH having a place of busines ermany	s at: Frankfurter Strasse 250, 64293			
is desirous of a Letters Patent	(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;				
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.					
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.					
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.					
I hereby acknowledge that any willful false statement made in this declaration Is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
LEGAL NAME OF INVENTOR					
Inventor: Ma	sanobu HAYASHI	Date: Apr 8 200			
Magahobu. Hoyash.					

Signature:

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT Title of Invention As the below named Inventor, I hereby declare that: This declaration [ ] The attached application, or is directed to: [ x] United States application or PCT international application number PCT/JP2018/082943 filed on November 29, 2018.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, MERCK PATENT GMBH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany

(hereinafter referred to as "ASSIGNEE(S)")

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration Is punishable under 18 U,S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR	
Inventor: Toshiaki NONAKA	Date: May. 28, 2020
1	V
Danalin	
/ Jacob Com	

PATENT REEL: 052846 FRAME: 0458

RECORDED: 06/05/2020