505488094 05/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5534898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANNAH C. COHEN	09/20/2018
AMANDA C. ENGLER	09/24/2018
RANJANI V. PARTHASARATHY	09/21/2018
HAOMING RONG	09/19/2018
RAMESH C. KUMAR	09/19/2018
MATTHEW T. SCHOLZ	09/20/2018
JAMES P. DIZIO	09/20/2018
AUDREY A. SHERMAN	08/19/2018
RICHARD G. HANSEN	09/28/2018
DOUGLAS A. HANGGI	05/22/2019
DALE J. CASE	10/29/2018
DAVID DUANE JOHNSON	09/17/2018

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY	
Street Address:	PO BOX 33427	
City:	SAINT PAUL	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16345809

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.

Phone: 651-733-1500
Email: lekraft@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: SAINT PAUL, MINNESOTA 55133-3427

505488094 REEL: 049251 FRAME: 0606

PATENT

ATTORNEY DOCKET NUMBER:	78771US004	
NAME OF SUBMITTER:	LYNNDA E. KRAFT	
SIGNATURE:	/Lynnda E. Kraft/	
DATE SIGNED:	05/22/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 12

source=DeclarationAssignment_78771US004_signed#page1.tif source=DeclarationAssignment_78771US004_signed#page2.tif source=DeclarationAssignment_78771US004_signed#page3.tif source=DeclarationAssignment_78771US004_signed#page4.tif source=DeclarationAssignment_78771US004_signed#page5.tif source=DeclarationAssignment_78771US004_signed#page6.tif source=DeclarationAssignment_78771US004_signed#page7.tif source=DeclarationAssignment_78771US004_signed#page8.tif source=DeclarationAssignment_78771US004_signed#page9.tif source=DeclarationAssignment_78771US004_signed#page10.tif source=DeclarationAssignment_78771US004_signed#page11.tif source=DeclarationAssignment_78771US004_signed#page11.tif source=DeclarationAssignment_78771US004_signed#page12.tif

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

application and for which a patent is sought on the in	nvention entitled:
SILICONE COPOLYMERS, M	ETHODS OF MAKING, AND ARTICLES
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No filed on October 23, 2017	o. PCT/US2017/057817
The above-identified application was made or autho	rized to be made by me.
I hereby acknowledge that any willful false statemen fine or imprisonment of not more than 5 years, or bo	nt made in this declaration is punishable under 18 U.S.C. 1001 by this
and do hereby assign and transfer unto the 3M INNO 3M COMPANY, and a corporation of Delaware, having assigns, the entire right, title, and interest in and to the continuation (in whole or in part) of said application, by me or made jointly with others (provided any such termination of, my employment with 3M COMPANY all Letters Patent, reexaminations, reissues, or extend the examinations of the right to apply for Letters Patent own name and to claim any priority rights for such fointernational conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexaming part upon the said invention or improvements thereof have been by me had this assignment and transfer in the continuation of the said invention or improvements.	
consideration any further applications, assignments, that may be deemed necessary by said Company, it	itors, and administrators, to execute and deliver without further, and documents, and to perform such other acts as I lawfully may, ts successors, assigns, and nominees, fully to secure its right, title, etters Patent, Utility Models, or Inventors' Certificates in any and all
	er of Patents to issue any and all Letters Patent which may be M Innovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Hannah C. COHEN	0000000
Inventor's Signature:	Date:
Hannah C. Cohen	9/20/2018

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

SILICONE COPOLYME		MAKING, AND ARTICLES	
The specification of which:			
is attached hereto;			
was filed on as United States Application No.			
is identified as PCT International Application is identified on October 23, 2017	ation No.	PCT/US2017/057817	
The above-identified application was made	or authorized to be made	by me.	
I hereby acknowledge that any willful false s fine or imprisonment of not more than 5 year		claration is punishable under 18 U.S.C. 1001 by	1
3M COMPANY, and a corporation of Delawa assigns, the entire right, title, and interest in continuation (in whole or in part) of said app by me or made jointly with others (provided termination of, my employment with 3M COM all Letters Patent, reexaminations, reissues, thereto (including the right to apply for Letter own name and to claim any priority rights for international conventions, treaties, or otherw continuation (in whole or in part), renewal, re	are, having its principal of and to the said invention lication, and in and to any any such improvement is MPANY and any of its exior extensions thereof, of respectively. Which have been or examination, reissue, or sthereon, to be held and	ERTIES COMPANY, a wholly-owned subsidiary ffice at Saint Paul, Minnesota, its successors an and application, and in and to any division or y and all improvements in the said invention made during, or within one year after the isting or future subsidiaries), and in and to any a the United States of America and countries fore or Inventors' Certificates in foreign countries in its to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in tenjoyed as fully and exclusively as they would	id de and ∋ign ts
consideration any further applications, assig that may be deemed necessary by said Com	nments, and documents, npany, its successors, ass	strators, to execute and deliver without further and to perform such other acts as I lawfully may signs, and nominees, fully to secure its right, title lity Models, or Inventors' Certificates in any and	e.
I do hereby authorize and request the Comm granted upon any of the said applications, to title, and interest therein.	nissioner of Patents to iss said 3M Innovative Prop	sue any and all Letters Patent which may be perties Company, as the assignee of the entire ri	íght
Legal Name of Inventor:		Water the second]
Amanda C. ENGLER			
Inventor's Signature:	Date:		
January Chia. Joseph	in 41.	24/2018	

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

application and for which a patent is sought of the invention entitied.
SILICONE COPOLYMERS, METHODS OF MAKING, AND ARTICLES
The specification of which:
is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. PCT/US2017/057817 filed on October 23, 2017
The above-identified application was made or authorized to be made by me.
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 5 years, or both.
In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;
I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and
I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right title, and interest therein.
Legal Name of Inventor:
Ranjani V. PARTHASARATHY
Inventor's Signature: Date:

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

SILICONE COPOLYMERS, METHODS OF MA	KING, AND ARTICLES	
The specification of which:		
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was filed on as United States Application No.		
is identified as PCT International Application No. filed on October 23, 2017	PCT/US2017/057817	
The above-identified application was made or authorized to be made by n	ne.	
I hereby acknowledge that any willful false statement made in this declaration fine or imprisonment of not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by	
In addition, for good and valuable consideration, receipt of which is acknowned and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTI 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any and by me or made jointly with others (provided any such improvement is made termination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or In own name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or may continuation (in whole or in part), renewal, reexamination, reissue, or other part upon the said invention or improvements thereon, to be held and enjoyed been by me had this assignment and transfer not been made;	IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign ventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, er or further application based in whole or in	
I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and		
I do hereby authorize and request the Commissioner of Patents to issue a granted upon any of the said applications, to said 3M Innovative Propertie title, and interest therein.		
Legal Name of Inventor:		
Haoming RONG		
Inventor's Signature: Date:		
3	19 2018	

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:
SILICONE COPOLYMERS, METHODS OF MAKING, AND ARTICLES
The specification of which:
is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. PCT/US2017/057817 filed on October 23, 2017
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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 5 years, or both.
In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made; I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may,
that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, little, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and
I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right title, and interest therein.
Legal Name of Inventor: Ramesh C. KUMAR
Inventor's Signature: Date:
Ramesh C. Keimer 09-19-2018

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

SILICONE COPOLYMERS, METHODS OF MAKING, AND ARTICLES
The specification of which:
is attached hereto;
was filed on as United States Application No.
The above-identified application was made or authorized to be made by me.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ine or imprisonment of not more than 5 years, or both.
n addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the ermination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign hereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;
do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, hat may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and
do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right itle, and interest therein.
Legal Name of Inventor:
Matthew T. SCHOLZ
Inventor's Signature: Date:

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

SILICONE COPOLYMERS, METHODS OF	MAKING, AND ARTICLES
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The above-identified application was made or authorized to be made	e by me.
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I do further agree for myself and for my heirs, executors, and admin consideration any further applications, assignments, and documents that may be deemed necessary by said Company, its successors, a and interest as aforesaid and to obtain or maintain Letters Patent, U countries; and	s, and to perform such other acts as I lawfully may, ssigns, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to is granted upon any of the said applications, to said 3M Innovative Protitle, and interest therein.	ssue any and all Letters Patent which may be operties Company, as the assignee of the entire right,
Legal Name of Inventor:	
James P. DIZIO	
Inventor's Signature: Date:	9/20/2018

DECLARATION AND ASSIGNMENT,
FOR UTILITY OR DESIGN
PATENT APPLICATION (37 CFR § 1.63)

Case No:

78771US

As a below named inventor, I believe I am an origina	I inventor or an original	l joint inventor of a	a claimed invention in	the
application and for which a patent is sought on the inv	vention entitled:			

Akkusan and and an and an and an an and an	
SILICONE COPOLYMERS, METHODS O	F MAKING, AND ARTICLES
The specification of which:	
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The above-identified application was made or authorized to be made by me.

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In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor: Audrey A. SHERMAN	
Inventor's Signature:	Date: 9/19

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

application and for which a patent i	s sought on the invention entitle	ed:
SILICONE COP	OLYMERS, METHODS C	OF MAKING, AND ARTICLES
The specification of which:		
is attached hereto;		
was filed on		
as United States Application I	40.	
is identified as PCT Internation		PCT/US2017/057817
The above-identified application wa	as made or authorized to be ma	ade by me.
I hereby acknowledge that any willifine or imprisonment of not more th		declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer 3M COMPANY, and a corporation assigns, the entire right, title, and it continuation (in whole or in part) of by me or made jointly with others (termination of, my employment with all Letters Patent, reexaminations, thereto (including the right to apply own name and to claim any priority international conventions, treaties, continuation (in whole or in part), re	unto the 3M INNOVATIVE PRO of Delaware, having its principa nterest in and to the said invent is said application, and in and to provided any such improvemen in 3M COMPANY and any of its reissues, or extensions thereof for Letters Patent, Utility Mode or rights for such foreign applicat or otherwise), which have been enewal, reexamination, reissue, rovements thereon, to be held a	is acknowledged, I have agreed to assign and transfer OPERTIES COMPANY, a wholly-owned subsidiary of all office at Saint Paul, Minnesota, its successors and tion and application, and in and to any division or any and all improvements in the said invention made at its made during, or within one year after the existing or future subsidiaries), and in and to any and for the United States of America and countries foreignels, or Inventors' Certificates in foreign countries in its tions to which such applications are entitled under nor may be granted thereon or on any divisional, or other or further application based in whole or in and enjoyed as fully and exclusively as they would e;
consideration any further application that may be deemed necessary by	ons, assignments, and documer said Company, its successors,	ninistrators, to execute and deliver without further ints, and to perform such other acts as I lawfully may, assigns, and nominees, fully to secure its right, title, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize and request granted upon any of the said applicatitle, and interest therein.	the Commissioner of Patents to cations, to said 3M Innovative P	o issue any and all Letters Patent which may be Properties Company, as the assignee of the entire righ
Legal Name of Inventor:		
Richard G. HANSEN	and the second second	
Inventor's Signature:	Date:	7/28/196

Case No:

78771US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

app	ilication and for willic	at a paretit is sought on the inventior	rentitied.	
	SILIC	ONE COPOLYMERS, METHO	DS OF MA	KING, AND ARTICLES
The	specification of whi	ch:		
	is attached hereto			
П	was filed on			
_	as United States A	application No.	, 1	
\boxtimes	is identified as PC filed on	T International Application No. October 23, 2017		PCT/US2017/057817
The		pplication was made or authorized to	be made by	me.
		hat any willful false statement made not more than 5 years, or both.	in this decla	ration is punishable under 18 U.S.C. 1001 by
and 3M assi cont by r term all L ther own inter cont part	do hereby assign a COMPANY, and a company, and a company, and a company, the entire right inuation of, my emplements Patent, reexcept (including the right and to claim reational conventionation (in whole compone the said inveloped to the end to the end of the end	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its per title, and interest in and to the said or in part) of said application, and interest in and to the said or in part) of said application, and interest in the said or in part) of said application, and any such improving the said applications, reissues, or extensions to get to apply for Letters Patent, Utility any priority rights for such foreign and the said or in part), renewal, reexamination, renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not been	/E PROPER or incipal offici- invention and to any and to any and verment is may of its existing the models, or including the been or maissue, or other held and ern made;	owledged, I have agreed to assign and transfer FIES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and dapplication, and in and to any division or and all improvements in the said invention made ade during, or within one year after the ag or future subsidiaries), and in and to any and united States of America and countries foreign eventors' Certificates in foreign countries in its owhich such applications are entitled under ay be granted thereon or on any divisional, her or further application based in whole or in joyed as fully and exclusively as they would
con that and	sideration any further may be deemed no	er applications, assignments, and do ecessary by said Company, its succe	cuments, an essors, assig	tors, to execute and deliver without further d to perform such other acts as I lawfully may, as, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
grai	hereby authorize a nted upon any of the and interest therei	e said applications, to said 3M Innov	ents to issue ative Propert	any and all Letters Patent which may be ies Company, as the assignee of the entire right
Le	gal Name of Invent	Off.	nicae strainciae ar ministra ar m	
	ouglas A. HANC			**************************************
Inv	entor's Signature:	4	Date:	
	John Land	A. Zyz.	5-1	22/2019

Case No:

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il.		DO OF MAKIN	G, AND ANTICLES	
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is attached hereto	э;			
was filed on as United States	Application No.			
is identified as Po	OT International Application No. October 23, 2017	Pe	CT/US2017/057817	
The above-identified a	pplication was made or authorized to	be made by me.		
	that any willful false statement made f not more than 5 years, or both.	in this declaration	is punishable under 18 U.S.C. 10	01 by
and do hereby assign 3M COMPANY, and a assigns, the entire right continuation (in whole by me or made jointly termination of, my empall Letters Patent, reex thereto (including the rown name and to claim international convention continuation (in whole part upon the said investigation).	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improployment with 3M COMPANY and an examinations, reissues, or extensions tright to apply for Letters Patent, Utility in any priority rights for such foreign a lons, treaties, or otherwise), which have or in part), renewal, reexamination, restriction or improvements thereon, to be this assignment and transfer not bee	VE PROPERTIES or incipal office at Sometion and appeared to any and all vement is made of the existing or the end of the	COMPANY, a wholly-owned subsi- laint Paul, Minnesota, its successor- plication, and in and to any division improvements in the said invention uring, or within one year after the future subsidiaries), and in and to led States of America and countriestors' Certificates in foreign countries or such applications are entitled uring granted thereon or on any division further application based in whole	idiary of ors and or made any and es foreign es in its nder es or in
consideration any furth	nyself and for my heirs, executors, ar ner applications, assignments, and do necessary by said Company, its succe aid and to obtain or maintain Letters F	ocuments, and to pessors, assigns, ar	perform such other acts as I lawfull and nominees, fully to secure its rigl	ly may, ht, title,
I do hereby authorize a granted upon any of th title, and interest there	and request the Commissioner of Pat ne said applications, to said 3M Innov in.	ents to issue any ative Properties C	and all Letters Patent which may b ompany, as the assignee of the er	oe ntire right
Legal Name of Inven	tor:			
Dale J. CASE				
Inventor's Signature:	<u> </u>	Date:		
	1. 1 /200		(34/)8	

Case No:

78771US

	iventor, I believe I am an original inventor or hich a patent is sought on the invention entit	an original joint inventor of a claimed invention in the ed:	
SILICONE COPOLYMERS, METHODS OF MAKING, AND ARTICLES			
The specification of w	vhich:		
is attached here	rto;		
was filed on as United States	s Application No.		
is identified as P	October 23, 2017	PCT/US2017/057817	
The above-identified	application was made or authorized to be m	ade by me.	
I hereby acknowledge fine or imprisonment	e that any willful false statement made in this of not more than 5 years, or both.	declaration is punishable under 18 U.S.C. 1001 by	
and do hereby assign	n and transfer unto the 3M INNOVATIVE PR	is acknowledged, I have agreed to assign and transfer OPERTIES COMPANY, a wholly-owned subsidiary of all office at Saint Paul, Minnesota, its successors and	

assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may. that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor: David Duane JOHNSON	
Inventor's Signature:	Date: 17 Sept 2018

PATENT REEL: 049251 FRAME: 0619

RECORDED: 05/22/2019