07/10/2019 505564919

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5611716

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL H. MITCHELL	08/23/2018
DENIS DUCHESNE	08/23/2018
TATSUO FUKUSHI	08/23/2018
LARRY A. LAST	08/23/2018
PETER J. SCOTT	08/23/2018
KARL D. WEILANDT	08/29/2018

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY	
Street Address:	P.O. BOX 33427	
City:	ST. PAUL	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16477019

CORRESPONDENCE DATA

Fax Number: (651)736-3833

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: 6517331500

Email: cmwagner01@mmm.com

3M INNOVATIVE PROPERTIES COMPANY **Correspondent Name:**

Address Line 1: P.O. BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	79220US004	
NAME OF SUBMITTER:	COLLEEN M. WAGNER	
SIGNATURE:	/Colleen M. Wagner/	
DATE SIGNED:	07/10/2019	
This document serves as an Oath/Declaration (37 CFR 1.63).		

PATENT REEL: 049714 FRAME: 0919

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Total Attachments: 6

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PATENT REEL: 049714 FRAME: 0920

Case No:

79220US

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:

FLUORINATED BLOCK COPOLYMERS		
he specification of which:		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on January 12, 2018	PCT/US2018/013547	

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:	
Michael H. Mitchell	
Inventor's Signature:	Date:
	8/23/18

Case No:

79220US

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:

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and do hereby assign and transfer unto the 3M INN 3M COMPANY, and a corporation of Delaware, have assigns, the entire right, title, and interest in and to continuation (in whole or in part) of said application by me or made jointly with others (provided any suctermination of, my employment with 3M COMPANY all Letters Patent, reexaminations, reissues, or extentereto (including the right to apply for Letters Patent own name and to claim any priority rights for such finternational conventions, treaties, or otherwise), we continuation (in whole or in part), renewal, reexaminant upon the said invention or improvements there have been by me had this assignment and transfer I do further agree for myself and for my heirs, exect consideration any further applications, assignments that may be deemed necessary by said Company, and interest as aforesaid and to obtain or maintain countries; and	NOVATIVE PRO ving its principal the said invented, and in and to ch improvemented and any of its ensions thereoff int, Utility Model foreign applicate hich have been nation, reissue, on, to be held a interest and admits, and documented the successors, Letters Patent, er of Patents to	any and all improvements in the said invention made to made during, or within one year after the existing or future subsidiaries), and in and to any and of the United States of America and countries foreign s, or Inventors' Certificates in foreign countries in its ons to which such applications are entitled under or 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 it. Inistrators, to execute and deliver without further ts, 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
Legal Name of Inventor:		
Denis Duchesne		
Inventor's Signature:	Date:	

PATENT REEL: 049714 FRAME: 0922

8-23-2018

Case No:

79220US

As a below named inventor, I believe I am an original inventor or an or application and for which a patent is sought on the invention entitled:	iginal joint inventor of a claimed invention in the
FLUORINATED BLOCK COPO	DLYMERS
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 January 12, 2018	PCT/US2018/013547
The above-identified application was made or authorized to be made by	me.
I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both.	ration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is ackreand do hereby assign and transfer unto the 3M INNOVATIVE PROPER 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention are continuation (in whole or in part) of said application, and in and to any a by me or made jointly with others (provided any such improvement is material material and to any 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 lown name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or material conventions or in part), renewal, reexamination, reissue, or otherwise patents thereon, to be held and enhance been by me had this assignment and transfer not been made;	TIES COMPANY, a wholly-owned subsidiary of e at Saint Paul, Minnesota, its successors and od application, and in and to any division or nd all improvements in the said invention made ade during, or within one year after the ng or future subsidiaries), and in and to any and e United States of America and countries foreign inventors' Certificates in foreign countries in its o which such applications are entitled under ay be granted thereon or on any divisional, ner or further application based in whole or in njoyed as fully and exclusively as they would
I do further agree for myself and for my heirs, executors, and administra consideration any further applications, assignments, and documents, an that may be deemed necessary by said Company, its successors, assig and interest as aforesaid and to obtain or maintain Letters Patent, Utility countries; and	d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title
I do hereby authorize and request the Commissioner of Patents to issue granted upon any of the said applications, to said 3M Innovative Propert title, and interest therein.	any and all Letters Patent which may be ies Company, as the assignee of the entire righ
Legal Name of Inventor:	
Tatsuo Fukushi	
Inventor's Signature: Date:	
Tutsuo Tisk of 8	- 23- 20/8

PATENT REEL: 049714 FRAME: 0923

Case No:

79220US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the

	FLUORINATED B	LOCK COPC	LYMERS
The specification of v	/hich:		
is attached here	to;		
was filed on as United State:	s Application No.		
is identified as F filed on	CT International Application No. January 12, 2018		PCT/US2018/013547
The above-identified	application was made or authorized	l to be made by	me:
	e that any willful false statement ma of not more than 5 years, or both.	ide in this decla	ration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and assigns, the entire riccontinuation (in whole by me or made jointly termination of, my en all Letters Patent, recthereto (including the own name and to clainternational convent continuation (in whole part upon the said in	n and transfer unto the 3M INNOVA a corporation of Delaware, having in the pht, title, and interest in and to the second part) of said application, and with others (provided any such im- apployment with 3M COMPANY and examinations, reissues, or extensional right to apply for Letters Patent, Utim any priority rights for such foreign ions, treaties, or otherwise), which is a or in part), renewal, reexamination	TIVE PROPER' ts principal office aid invention and in any aid provement is many of its existing thereof, of the illity Models, or In applications to have been or man, reissue, or other be held and er	nowledged, I have agreed to assign and transfer ITES COMPANY, a wholly-owned subsidiary of a at Saint Paul, Minnesota, its successors and d application, 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 a United States of America and countries foreign enventors' 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 alloyed as fully and exclusively as they would
consideration any fur that may be deemed	ther applications, assignments, and necessary by said Company, its su	l documents, an ccessors, assig	tors, to execute and deliver without further d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title. Models, or Inventors' Certificates in any and all
	the said applications, to said 3M Ini		any and all Letters Patent which may be ies Company, as the assignee of the entire right
Legal Name of Inve	ntor:		
Larry A. Last			***************************************
Inventor's Signature	8:	Date:	
	0 -1 1		2021a

REEL: 049714 FRAME: 0924

Case No:

79220US

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:
FLUORINATED BLOCK COPOLYMERS
The specification of which:
is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. filed on January 12, 2018 PCT/US2018/013547
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:
Peter J. Scott
Inventor's Signature: Date: 8/23/18

REEL: 049714 FRAME: 0925

Case No:

79220US

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the
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Date:
0100/2018
1/27/2010

PATENT REEL: 049714 FRAME: 0926

RECORDED: 07/10/2019